

**PHASE I  
ENVIRONMENTAL SITE  
ASSESSMENT REPORT**

**FORMER UKIAH RAIL YARD  
UKIAH, CALIFORNIA**

Prepared for

**Weston Solutions, Inc.**

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# SECTION 1

## INTRODUCTION

### 1.1 PURPOSE

Weston Solutions, Inc. (WESTON) conducted a Phase I Environmental Site Assessment (ESA) of the Former Ukiah Rail Yard property (Property) located in Ukiah, California, 81134. The Property is located south of East Perkins Street and west of Leslie Street and consists of approximately 11 acres (Figure 1). The Mendocino County Assessor's Parcel Numbers (APNs) for the Property are 002-232-12 and 13 and 002-282-18 and 19. The property is owned by the North Coast Railroad Authority (NCRA), which is located in Ukiah, California. Site reconnaissance was performed between 1 December and 15 December 2010.

The purpose of the Phase I ESA is to identify recognized environmental conditions (RECs) associated with the historical use of a parcel of commercial real estate, the physical condition of the building(s) and adjacent grounds, and the present operational practices. *The Standard Practice for Site Assessments: Phase I Environmental Site Assessment Process* (E1527-05), as issued by the American Society for Testing and Materials (ASTM), defines recognized environmental conditions as follows:

“The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property (ASTM E-1527).”

The Phase I ESA was performed because of a likely commercial real estate transaction—a sale of the Property.

### 1.2 DETAILED SCOPE OF SERVICES

This Phase I ESA was conducted in accordance with ASTM E1527-05. A Phase I ESA consists of four general elements: (1) a records review, (2) a site reconnaissance, (3) interviews, and (4) a report. The first three elements are conducted to identify recognized environmental conditions related to the site. The Phase I ESA report provides the evaluation and results of the other three elements.

This assessment report contains the results of: a reconnaissance of the site and surrounding properties, which was conducted between 1 December and 15 December 2010; photographs from site reconnaissance (Appendix A); a review of property, government, and historical records; and interviews with persons purportedly familiar with the property and government officials. Information used to complete this ESA was reasonably ascertainable, and visually and physically observable.

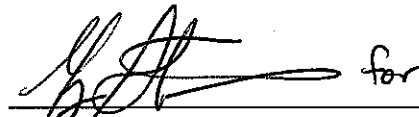
This assessment was completed by the following team of WESTON environmental professionals in conjunction with client representatives. Qualifications of the environmental professionals are provided in Appendix I.

*We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental professional as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.*



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 for

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### 1.3 LIMITATIONS AND EXCEPTIONS

ASTM E1527-05 acknowledges that “...no environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property.” The ESA “...is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a property, and recognize reasonable limits of time and cost. There is a point at which the cost of information obtained or the time required to gather it outweighs the usefulness of the information and, in fact, may be a material detriment to the orderly completion of transactions.”

WESTON performed a Phase I ESA in substantial accordance with the scope and limitations of ASTM E1527-05 and subject to the conditions and limitations herein and in the WESTON Site Assessment Terms and Conditions for the Property located in Ukiah, California on Mendocino County APNs: 002-232-12 and 13 and 002-282-18 and 19. This scope of services may not satisfy the needs of all users. No exceptions to, or deletions from, this protocol were required, except as set forth out below.

This Phase I ESA is based on the conditions existing on the dates of WESTON’s site visit. The conclusions presented herein are professional opinions based solely on visual observations of the facility and vicinity, interpretation of information provided to WESTON, or reasonably available to WESTON. Past conditions were considered on the basis of observations, readily available records, interviews, and recollections.

A data gap is recognized by WESTON in the submittal of this report due to the inability to confirm the subject Property’s date of first development. Since the development of the Property was detailed by WESTON back to 1893 this was not considered to be a significant data gap.

A data gap of this report is recognized by WESTON due to the inability to conduct interviews with the Property owner, or Past Property Owners. Since these parties may have specialized knowledge on past operations that could indicate RECs in connection with the Property, this was considered to be a data gap. As noted in Section 5, a representative of the current property owner, NCRA, declined to complete the user questionnaire as provided in Appendix X3 of ASTM E1527-05.

WESTON does not warrant or guarantee the correctness, completeness, and/or currentness of the information contained in the environmental record sources and recollections used for this assessment. Such information is the product of independent investigation by parties other than WESTON and/or information maintained by government agencies.

This report is based on the current environmental regulations. Future regulatory modifications, agency interpretations, and/or policy changes may affect the compliance status of this facility. This report discusses certain relevant environmental laws and regulations associated with the compliance evaluation of facility operations. References to relevant laws and regulations are not intended to be exhaustive, or to provide legal advice or interpretation. The user should seek legal advice and review as to the applicable laws and their implications as to any proposed transaction.

It is possible that past contamination remains undiscovered or that the property conditions will change in the future. WESTON does not warrant or guarantee the property suitable for any particular purpose or certify the property as “clean.”

Detailed asbestos, indoor air quality, lead paint, occupational health and safety, radon, and wetland surveys, which require specialized expertise, are not included as part of this assessment.

#### **1.4 SPECIAL TERMS AND CONDITIONS**

WESTON Site Assessment Terms and Conditions apply for this Phase I ESA.

#### **1.5 USER RELIANCE**

This document was prepared by WESTON solely for the use and benefit of the WESTON. Any use of this document or information herein by persons or entities other than WESTON without the express written consent of WESTON, will be at the sole risk and liability of said person or entity, and WESTON will not be liable to such persons or entities for any damages resulting there from. It is understood that this document may not include all information pertaining to the described site.

## **SECTION 2**

### **SITE DESCRIPTION**

#### **2.1 LOCATION**

The Former Ukiah Rail Yard property (Property) is located in Ukiah, Mendocino County, California, 81134. The Property is located south of East Perkins Street and west of Leslie Street. The Mendocino County APNs for the Property are 002-232-12 and 13 and 002-282-18 and 19. The Property is also known as the NCRA Property. The latitude/longitude for the approximate center of the site is 39° 08' 57.2" N by 123° 12' 11.3" W. See Figure 1 (Site Location Map) and Figure 2 (Site Plan) for detail.

#### **2.2 SITE AND VICINITY GENERAL CHARACTERISTICS**

The Property occupies approximately 11 acres in a mixed residential, commercial, and industrial area in the east-central portion of the city of Ukiah, Mendocino County, California. The Property is bordered to the north by East Perkins Street with a commercial pharmacy building and a medical center beyond. The Property is bordered to the east by a commercial bank building, an automotive service center, vacant lots formerly occupied by a manufactured gas plant and bulk petroleum storage facilities, and an automotive body shop. The Property is bordered to the south by a residential manufactured home community. The Property is bordered to west by a rail line with commercial and industrial buildings beyond.

The western portion of the Property was developed as a passenger and freight railroad facility as early as 1893. This facility included a combined passenger and freight depot building at the west-central portion of the Property. Between 1893 and approximately 1930, the railroad facility was expanded to include a new passenger depot [existing Passenger Depot Building] at the northwestern portion of the Property. In addition, a two-stall roundhouse and turntable are thought to have been constructed at the south-central portion of the Property during this time period. By 1911, a planing mill had been constructed at the northern portion of the Property, north of Gibson Creek, and the rail lines at the central portion of the Property appear to have been used to facilitate lumber distribution. On-site lumber manufacturing operations were discontinued by approximately 1929.

Between 1911 and 1929, additional industries were developed on the Property to utilize the access to the railroad. These industries primarily included fruit packing operations at the central portion of the Property and an asphalt plant at the east-central portion. The asphalt plant was likely used in cooperation with the adjacent gas manufacturing facility, which was located off site along the west side of Leslie Street. In addition, a rail spur was constructed along the eastern property boundary, adjacent to several bulk petroleum facilities that operated off site along the west side of Leslie Street. This rail spur was likely used to facilitate petroleum transfer from railroad cars to the off-site bulk petroleum tanks.

In the early 1930s, the Leslie Street manufactured gas plant, which was located off-site and adjacent east to the Property, was converted from oil gas production to butane gas production. The on-site asphalt plant appears to have been removed at approximately that time (between 1929 and 1941). In the mid-1940s that gas manufacturing facility was again converted from butane gas to propane gas.

By 1941, a new fruit packing facility had been developed at the southwestern portion of the site. Fruit packing operations at the central portion of the Property also continued to expand with a new larger facility and an accompanying rail spur. Between 1941 and 1957, both the central and southwestern fruit packing facilities were expanded. Two new rail spurs were installed at the eastern portion of the Property during this time period. By 1957, there is no indication on the property of the former roundhouse and/or turntable. It is not clear how long these structures were actually located on the Property or why they were removed. In the late 1960s, Ukiah was connected to a natural gas pipeline, rendering the adjacent propane manufacturing facility obsolete and this facility was dismantled shortly thereafter. The former gas plant property has not been actively used since at least the early 1970s.

In approximately 1971, passenger rail service in Ukiah was terminated. At approximately this time (between 1963 and 1974), the original depot building, which had been used as the freight depot since 1929, was removed and a new warehouse building [existing Warehouse Building] was constructed in its place. In addition, the southwestern fruit packing facility was removed and replaced with a new smaller warehouse building [existing Shop Building]. The rails spurs at the eastern portion of the Property were reconfigured during this time to bypass the central fruit packing facility and instead direct rail vehicles to a large asphalt pad at the southwestern corner of the Property. The purpose of this pad is not known. In addition, the rail spur that was formerly located along the eastern Property boundary, adjacent to the bulk petroleum facilities, was removed.

By 1974, a small commercial building was located at the northeastern portion of the Property, north of Gibson Creek. This building was expanded in approximately the late 1970s and was replaced with a parking lot by 1981. The parking lot appears to have been associated with the bank building located on the adjacent east parcel. Between 1981 and 1993, the central fruit packing building was removed. Also during this time period, the bulk petroleum storage facilities located adjacent east of the Property appear to have ceased operations and were replaced with recycling and automotive repair facilities.

Between at least 1992 and 1999, the Warehouse Building was used as a beverage distribution facility. Since approximately 2003, the Warehouse Building has been used as a distribution warehouse for an emergency preparedness supplier. In at least 1999, the Shop Building was being used as a garage facility for a logging/trucking company and was unoccupied as of December 2010. Between 1998 and 2005, the northwestern and north-central portions of the Property, north of Gibson Creek, were developed into a small city ‘pocket park’ and a beverage distribution kiosk [‘coffee hut’] property. Since approximately 2009, the Passenger Depot Building has been used for administrative purposes by the Mendocino County Arts Council.

Significant structures and features that have occupied the Property include:

- Former Original Depot Building – Originally constructed prior to 1893 and renovated several times between the late 1800s and the early 1940s. The building was used as the freight depot after the new passenger depot building was constructed in 1929. The building was removed between 1963 and 1974.
- Former Planar Mill – Originally constructed between 1898 and 1911. The building, along with associated lumber facility structures, was removed by 1929.
- Existing Passenger Depot Building – Originally constructed in 1929 and used for passenger rail service activities until approximately 1971. The building was renovated in approximately 2009 and subsequently became occupied by offices for the Mendocino County Arts Council.
- Former Roundhouse and Turntable – Reportedly, a two-story roundhouse and adjacent turntable were located on the south-central portion of the Property. Some historical evidence indicates that the roundhouse may have been constructed in approximately 1919 and the turntable constructed in approximately 1930. Evidence of these structures was identified during the December 2010 WESTON site visit. The structures were removed from the Property by 1957.
- Former Asphalt Plant – Originally constructed between 1911 and 1929, this relatively small facility was located adjacent to the off-site Leslie Street manufactured gas plant. It is likely that this facility was associated with the gas plant. The asphalt plant included a fuel tank. The asphalt plant was removed by 1941 and the fuel tank was removed by 1960.
- Former Central Fruit Packing Building – Originally constructed between 1929 and 1941 at the location of two smaller fruit packing facilities, which themselves were constructed between 1911 and 1929. This building was expanded several times and was removed between 1981 and 1993.
- Former Southwest Fruit Packing Building – Originally constructed between 1929 and 1941, this building was expanded several times and at one time included an exterior conveyor system. The building was removed between 1963 and 1974.
- Existing Shop Building – Originally constructed between 1963 and 1974 at the location of the former Southwest Fruit Packing Building, this building was used in at least the late 1990s for trucking and logging operations. The building included two large roll doors on the north side and was vacant as of December 2010. It is not known what additional operations, if any, were conducted within this building.
- Existing Warehouse Building – Originally constructed between 1963 and 1974 at the location of the Original Depot Building. Between at least 1992 and 1999, the building was used as a beverage distribution facility. Between at least 2003 and 2010, the building was used as an emergency supplies distribution center. It is not known what additional operations, if any, were conducted within this building.

- Former Commercial Building – Originally constructed between 1963 and 1974 at the location of the existing bank parking lot, north of Gibson Creek. The building was expanded to the south between 1974 and 1981, and removed from the Property by 1981. It is not known what operations were conducted within this building.

### **2.3 CURRENT USE OF PROPERTY**

As of December 2010, the Property was being used for administrative activities within the Passenger Depot Building, distribution of emergency preparedness supplies within the Warehouse Building, vehicle parking for an off-site bank on the north side of Gibson Creek, beverage sales within the kiosk located north of Gibson Creek, and a small public park north of Gibson Creek.

### **2.4 CURRENT USES OF THE ADJOINING PROPERTIES**

Current uses of the adjoining properties to the Property are primarily residential, commercial, and industrial. The adjacent properties to the north, across Perkins Street, are primarily used for pharmaceutical/grocery retail and medical; the adjacent properties to the east are primarily used for commercial banking, general automotive service, and automotive body services; adjacent properties to the south are primarily used for residential purposes; and adjacent properties to the west, across the railroad line, are primarily used for residential purposes, agricultural equipment retail and service, and food service activities.

## SECTION 3

### RECORDS REVIEW

#### 3.1 STANDARD ENVIRONMENTAL RECORD SOURCES

As part of this assessment, WESTON relied on an electronic search of the standard environmental record sources provided by Environmental Data Resources, Inc. (EDR) on 22 November 2010, to identify recognized environmental concerns at or near the site in accordance with ASTM guidelines. The EDR report is located in Appendix B. This section summarizes the results of the database search for the site and surrounding properties. The following is a complete list of the databases searched:

##### **Standard Environmental Records:**

###### Federal National Priority List (NPL) Site List:

- National Priority List (**NPL**)
- Proposed National Priority List Sites (**Proposed NPL**)
- Federal Superfund Liens (**NPL Liens**)

###### Federal Delisted NPL Site List:

- National Priority List Deletions (**Delisted NPL**)

###### Federal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) List:

- Comprehensive Environmental Response, Compensation, and Liability Information System (**CERCLIS**)
- Federal Facility Site Information Listing (**Federal Facility**)

###### Federal CERCLIS No Further Remedial Action Planned (NFRAP) Site List:

- CERCLIS No Further Remedial Action Planned (**CERC-NFRAP**)

###### Federal Resource Conservation and Recovery Act Corrective Action Sites (CORRACTS) Facilities List:

- Corrective Action Report (**CORRACTS**)

###### Federal Resource Conservation and Recovery Act (RCRA) non-CORRACTS Transporters, Storage and Disposal (TSD) Facilities List:

- RCRA - Treatment, Storage and Disposal (**RCRA-TSDF**)

###### Federal RCRA Generators List:

- RCRA - Large Quantity Generator (**RCRA-LQG**)
- RCRA - Small Quantity Generator (**RCRA-SQG**)
- RCRA - Conditionally Exempt Small Quantity Generator (**RCRA-CESQG**)

###### Federal Institutional Controls / Engineering Controls Registries:

- Engineering Controls Sites List (**US ENG CONTROLS**)



- Sites with Institutional Controls (**US INST CONTROL**)

Federal Emergency Response Notification System (ERNS) List:

- Emergency Response Notification System (**ERNS**)

State- and Tribal-Equivalent NPL:

- State Response Sites (**RESPONSE**)

State- and Tribal-Equivalent CERCLIS:

- EnviroStor Database (**ENVIROSTOR**)

State and Tribal Landfill and/or Solid Waste Disposal Site Lists:

- Solid Waste Information System (**SWF/LF**)

State and Tribal Leaking Storage Tank Lists:

- Leaking Underground Storage Tank Information System (**LUST**)
- Spills, Leaks, Investigation & Cleanup Cost Recovery Listing (**SLIC**)
- Leaking Underground Storage Tanks on Indian Land (**INDIAN LUST**)

State and Tribal Registered Storage Tank Lists:

- Underground Storage Tank (UST) Database (**UST**)
- Aboveground Storage Tank (AST) Database (**AST**)
- Underground Storage Tanks on Indian Land (**INDIAN UST**)
- Underground Storage Tank Listing (**FEMA UST**)

State and Tribal Voluntary Cleanup Sites:

- Voluntary Cleanup Priority Listing (**INDIAN VCP**)
- Voluntary Cleanup Program Properties (**VCP**)

**Additional Environmental Records:**

Local Brownfield Lists:

- A Listing of Brownfields Sites (**US BROWNFIELDS**)

Local Lists of Landfill/Solid Waste Disposal Sites:

- Torres Martinez Reservation Illegal Dump Site Locations (**DEBRIS REGION 9**)
- Open Dump Inventory (**ODI**)
- Waste Management Unit Database (**WMUDS/SWAT**)
- Recycler Database (**SWRCY**)
- Registered Waste Tire Haulers Listing (**HAULERS**)
- Report on Status of Open Dumps on Indian Lands (**INDIAN ODI**)

Local Lists of Hazardous Waste/Contaminated Sites:

- Clandestine Drug Labs (**US CDL**)
- Historical Calsites Database (**HIST Cal-Sites**)
- School Property Evaluation Program (**SCH**)
- Toxic Pits Cleanup Act Sites (**Toxic Pits**)

- Clandestine Drug Labs (**CDL**)
- National Clandestine Laboratory Register (**US HIST CDL**)

Local Lists of Registered Storage Tanks:

- Facility Inventory Database (**CA FID UST**)
- Hazardous Substance Storage Container Database (**HIST UST**)
- Statewide Environmental Evaluation and Planning System (SWEEPS) UST Listing (**SWEEPS UST**)

Local Land Records:

- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Lien Information (**LIENS 2**)
- Land Use Control Information System (**LUCIS**)
- Environmental Liens Listing (**LIENS**)
- Deed Restriction Listing (**DEED**)

Records of Emergency Release Reports:

- Hazardous Materials Information Reporting System (**HMIRS**)
- California Hazardous Materials Information Reporting System (**CHMIRS**)
- Land Disposal Sites Listing (**LDS**)
- Military Cleanup Sites Listing (**MCS**)

Other Ascertainable Records:

- RCRA Non Generators (**RCRA-NonGen**)
- Incident and Accident Data (**DOT OPS**)
- Department of Defense Sites (**DOD**)
- Formerly Used Defense Sites (**FUDS**)
- Superfund (CERCLA) Consent Decrees (**CONSENT**)
- Records of Decision (**ROD**)
- Uranium Mill Tailings Sites (**UMTRA**)
- Mines Master Index File (**MINES**)
- Toxic Chemical Release Inventory System (**TRIS**)
- Toxic Substances Control Act (**TSCA**)
- Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) / Toxic Substances Control Act (TSCA) Tracking System - FIFRA/TSCA (**FTTS**)
- FIFRA/TSCA Tracking System Administrative Case Listing (**HIST FTTS**)
- Section 7 Tracking System (**SSTS**)
- Integrated Compliance Information System (**ICIS**)
- Polychlorinated Biphenyl (PCB) Activity Database System (**PADS**)
- Material Licensing Tracking System (**MLTS**)
- Radiation Information Database (**RADINFO**)

- Facility Index System/Facility Registry System (**FINDS**)
- RCRA Administrative Action Tracking System (**RAATS**)
- Bond Expenditure Plan (**CA BOND EXP. PLAN**)
- Waste Discharge System (**WDS**)
- National Pollutant Discharge Elimination System (NPDES) Permits Listing (**NPDES**)
- “Cortese” Hazardous Waste & Substances Sites List (**Cortese**)
- Hazardous Waste & Substances Sites List (**HIST CORTESE**)
- Proposition 65 Records (**Notify 65**)
- Cleaner Facilities (**DRYCLEANERS**)
- Well Investigation Program Case List (**WIP**)
- Facility and Manifest Data (**HAZNET**)
- Emissions Inventory Data (**EMI**)
- Indian Reservations (**INDIAN RESERV**)
- State Coalition for Remediation of Drycleaners Listing (**SCRD DRYCLEANERS**)
- Certified Processors Database (**PROC**)
- Medical Waste Management Program Listing (**MWMP**)
- Steam-Electric Plan Operation Data (**COAL ASH DOE**)
- Coal Combustion Residues Surface Impoundments List (**COAL ASH EPA**)
- Registered Hazardous Waste Transporter Database (**HWT**)
- EnviroStor Permitted Facilities Listing (**HWP**)
- Financial Assurance Information Listing (**FINANCIAL ASSURANCE**)
- PCB Transformer Registration Database (**PCB TRANSFORMER**)

### **EDR Proprietary Records:**

#### EDR Proprietary Records:

- EDR Proprietary Manufactured Gas Plant Database (**Manufactured Gas Plants**)

WESTON followed standard practice (as defined by ASTM) in the review of regulatory agency materials. This process allows the identification of facilities of potential environmental concern at distances commensurate with their potential risk to the site. These risk/distance relationships are summarized as follows:

- **One mile radius from the site:** NPL; Proposed NPL; Delisted NPL; FEDERAL FACILITY; CORRACTS; RESPONSE; ENVIROSTOR; HIST Cal-Sites; Toxic Pits; DOD; FUDS; CONSENT; ROD; CA BOND EXP. PLAN; Notify 65; INDIAN RESERV; HWP; and Manufactured Gas Plants.
- **One-half mile radius from the site:** CERCLIS; CERC-NFRAP; RCRA-TSDF; US ENG CONTROLS; US INST CONTROL; SWF/LF; LUST; SLIC; INDIAN LUST; INDIAN VCP; VCP; US BROWNFIELDS; Debris Region 9; ODI; WMUDS/

SWAT; SWRCY; INDIAN ODI; LUCIS; DEED; UMTRA; Cortese; HIST CORTESE; SCRD DRYCLEANERS; PROC; and COAL ASH EPA.

- **One-quarter mile radius from the site:** RCRA-LQG; RCRA-SQG; RCRA-CESQG; UST; AST; INDIAN UST; FEMA UST; SCH; CA FID UST; HIST UST; SWEEPS UST; RCRA-NonGen; MINES; DRYCLEANERS; WIP; MWMP; and HWT.
- **Site only:** NPL Liens; ERNS, HAULERS; US CDL; CDL; US HIST CDL; LIENS 2; LIENS; HMIRS; CHMIRS; LDS; MCS; DOT OPS; TRIS; TSCA; FTTS; HIST FTTS; SSTS; ICIS; PADS; MLTS; RADINFO; FINDS; RAATS; WDS; NPDES; HAZNET; EMI; COAL ASH DOE; FINANCIAL ASSURANCE; and PCB TRANSFORMER.

The Property was listed in the US BROWNFIELDS database. In addition, the site was identified in the Orphan Sites Summary as being listed in the HAZNET database. Please see Section 3.1.2.1 (US BROWNFIELDS), Section 3.1.2.52 (HAZNET), and Section 3.2 (Orphan Sites Summary) for additional details on the database listings for the Property. A description of databases included in the search and the database findings are provided below.

### **3.1.1 Standard Environmental Records**

#### **3.1.1.1 National Priority List (NPL)**

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.

No NPL sites were identified during the EDR records search within a 1-mile search radius of the Property.

#### **3.1.1.2 Proposed National Priority List Sites (Proposed NPL)**

The Proposed NPL database is a listing of sites that have been proposed for listing on the NPL 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.

No Proposed NPL sites were identified during the EDR records search within a 1-mile search radius of the Property.

#### **3.1.1.3 Federal Superfund Liens (NPL LIENS)**

Under the authority granted the USEPA by CERCLA of 1980, the EPA 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. EPA compiles a listing of filed notices of Superfund Liens.

No NPL LIENS sites were identified during the EDR records search on the Property.

#### **3.1.1.4 National Priority List Deletions (Delisted NPL)**

The National Oil and Hazardous Substance 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.

No Delisted NPL sites were identified during the EDR records search within a 1-mile search radius of the Property.

#### **3.1.1.5 Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)**

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of CERCLA. CERCLIS contains sites which are either proposed to or on the NPL and sites which are in the screening and assessment phase for possible inclusion on the NPL.

No CERCLIS sites were identified during the EDR records search within a 0.5-mile search radius of the Property.

#### **3.1.1.6 Federal Facility Site Information Listing (Federal Facility)**

The Federal Facility database is a listing of NPL and Base Realignment and Closure (BRAC) sites found in the CERCLIS Database where EPA's Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

No Federal Facility sites were identified during the EDR records search within a 1-mile search radius of the Property.

#### **3.1.1.7 CERCLIS No Further Remedial Action Planned (CERC-NFRAP)**

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

Two (2) CERC-NFRAP sites were identified during the EDR records search within a 0.5-mile radius of the Property.

Property	Map ID	Address	Approx. Distance (Miles) & Direction	Status
Cohen Property	D19	307-311 S. Main Street	1/8 – 1/4 West	The discovery date for the site was listed as 22 June 1992. A Preliminary Assessment was completed on 18 March 1994 and was listed with a priority level of NFRAP. The site was listed as archived on 18 March 1994. No additional significant information is presented in the CERC-NFRAP database.
PG&E Gas Plant Ukiah	A1	West Side Leslie @ Perkins/Peach	0 – 1/8 South	The discovery date for the site was listed as 01 June 1986. A Preliminary Assessment was completed on 01 December 1987 and was listed with a priority level of NFRAP. The site was listed as archived on 01 December 1987. No additional significant information is presented in the CERC-NFRAP database.

The inclusion of these two listings within the CERC-NFRAP database is not considered to represent a REC for the Property since this database does not report violations, associated hazardous substances (if any), impacted media (if any), operational history, or additional pertinent data.

Additional information regarding the PG&E Gas Plant Ukiah property [Old Leslie Street Gas Plant site] is provided in Section 3.3.1 (North Coast Regional Water Quality Control Board).

### 3.1.1.8 Corrective Action Reports (CORRACTS)

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

No CORRACTS sites were identified during the EDR records search within a 1-mile search radius of the Property.

### 3.1.1.9 RCRA - Treatment, Storage and Disposal (RCRA-TSDF)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the 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 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.

No RCRA-TSDF sites were identified during the EDR records search within a 0.5-mile search radius of the Property.

### 3.1.1.10 RCRA - Large Quantity Generator (RCRA-LQG)

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

One RCRA-LQG sites was identified during the EDR records search within a 0.25-mile search radius of the site.

Property	Map ID	Address	Approx. Distance (Miles) & Direction	Status
Chevron 96361	H51	605 E Perkins Street	1/8 - 1/4 East-Northeast	The EPA ID is CAR000125294. The Owner is listed as Chevron Products Co. Listed Waste types include: batteries, lamps, pesticides, thermostats, and benzene. The violations status was listed as 'no violations found.'

The inclusion of this listing in the RCRA-LQG database is not considered to be a REC for the Property since no violations were listed and since the identified waste types are not considered primary contaminants of concern for the Property.

### 3.1.1.11 RCRA - Small Quantity Generator (RCRA-SQG)

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

Seven (7) RCRA-SQG sites were identified during the EDR records search within a 0.25-mile search radius of the site.

Property	Map ID	Address	Approx. Distance (Miles) & Direction	Status
Redwood Auto Supply	F18	375 South Main Street	1/8 - 1/4 West	The EPA ID is CAD982320442. The Owner is listed as Roy Hoskins. The violations status was listed as 'no violations found.'

Property	Map ID	Address	Approx. Distance (Miles) & Direction	Status
Howard Cleaners and Shirt	I24	295 North Main Street	1/8 - 1/4 West-Northwest	The EPA ID is CAD981628118. The Owner is listed as Richard Howard. The violations status was listed as 'no violations found.'
Ukiah Valley Medical Center	J27	275 Hospital Drive	1/8 - 1/4 North-Northwest	The EPA ID is CAD983586116. The Owner is listed as Adventist Health Syste/West. The violations status was listed as 'no violations found.'
Master Cleaner	F31	502 State Street	1/8 - 1/4 West	The EPA ID is CAT080029556. The Owner is listed as Soung Y Kim. The violations status was listed as 'no violations found.'
DZ Inc	A7	134 Leslie Street	0 - 1/8 East	The EPA ID is CAD983615758. The Owner is listed as Jim Thompson. The violations status was listed as 'no violations found.'
Mendocino County Public Health	K43	631 South Orchard Avenue	1/8 - 1/4 East-Southeast	The EPA ID is CAD981403439. The Owner is listed as State of California. The violations status was listed as 'no violations found.'
Pacific Bell	53	126 North Orchard	1/8 - 1/4 East-Northeast	The EPA ID is CAT080028434. The Owner is listed as Pear Orchard Associates. The violations status was listed as 'no violations found.'

The inclusion of these listings in the RCRA-SQG database is not considered to be a REC for the Property since no violations were reported for any of the listings and since no additional pertinent information is presented in this database.

### 3.1.1.12 RCRA - Conditionally Exempt Small Quantity Generator (RCRA-CESQG)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the RCRA of 1976 and the HSWA of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by 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.

No RCRA-CESQG sites were identified during the EDR records search within a 0.25-mile search radius of the Property.

### 3.1.1.13 Engineering Controls Sites List (US ENG CONTROLS)

The US ENG CONTROLS database is 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.

No US ENG CONTROLS sites were identified during the EDR records search within a 0.5-mile search radius of the Property.

#### **3.1.1.14 Sites with Institutional Controls (US INST CONTROL)**

The US INST CONTROL database is 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.

No US INST CONTROL sites were identified during the EDR records search within a 0.5-mile search radius of the Property.

#### **3.1.1.15 Emergency Response Notification System (ERNS)**

The Emergency Response Notification System (ERNS) records and stores information on reported releases of oil and hazardous substances.

No ERNS sites were identified during the EDR records search on the Property.

#### **3.1.1.16 State Response Sites (RESPONSE)**

The RESPONSE database identifies confirmed release sites where the California Department of Toxic Substances Control (DTSC) is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

No RESPONSE sites were identified during the EDR records search within a 1-mile search radius of the Property.

#### **3.1.1.17 EnviroStor Database (ENVIROSTOR)**

The DTSC's Site Mitigation and Brownfields Reuse Program's EnviroStor database identifies 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 (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 the CalSites database, 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.

Four (4) ENVIROSTOR sites were identified during the EDR records search within a 1-mile search radius of the Property.

Property	Map ID	Address	Approx. Distance (Miles) & Direction	Status
Sharp Brothers Auto Wreckers	O46	619 South State Street	1/8 - 1/4 West-Southwest	The status is listed as Refer: RWQCB as of October 1993. The facility was discovered in June 1988 and a Site Screening was conducted in July 1988. The Site Screening indicated possible on-site contamination.
O-Hair & Redwood Oil-Chevron	83	South State Street / Observatory	1/2 - 1 South	The status is listed as Refer: RWQCB as of July 1988. The facility was discovered in June 1988 and a Site Screening was conducted in July 1988. The Site Screening indicated that RWQCB was lead and possible groundwater problems.
Ukiah Recycle & Salvage	A5	122 Leslie Street	0 - 1/8 East	The status is listed as Refer: RWQCB as of October 1993. The facility was discovered in June 1988 and a Site Screening was conducted in July 1988. The Site Screening indicated possible on-site disposal and that Union Oil had the same address in 1957 directory.
Shell Oil	A6	134 Leslie Street	0 - 1/8 East	The status is listed as Refer: RWQCB as of September 1993. The facility was discovered in June 1988 and a Site Screening was conducted in July 1988. The Site Screening indicated possible on-site contamination from bulk oil.

The listing of the Sharp Brothers Auto Wreckers site in the database was not considered to be a REC for the subject Property since the site was listed as having been referred to the Regional Water Quality Control Board (RWQCB) and is not listed in the GeoTracker database (<http://GeoTracker.swrcb.ca.gov>), since contamination at the site was only considered ‘possible,’ and since it is unlikely that potentially contaminated soils have migrated from the site to the subject Property considering the site is located over 1,000 feet from the Property.

The listing of the O-Hair & Redwood Oil - Chevron site in the database was not considered to be a REC for the subject Property since the site is located cross- to down-gradient with respect to groundwater flow and since it is unlikely that potentially contaminated soils have migrated from the site to the subject Property.

The listing of the Ukiah Recycle & Salvage site [Unocal Bulk Plant #8013 site] in the database was considered to be a REC since this site is located adjacent east to the subject Property and there is the potential for impacted soils and/or groundwater to have migrated onto the subject Property. Additional information regarding this facility is provided in Section 3.3.1 (North Coast Regional Water Quality Control Board).

The listing of the Shell Oil site [DZ, Inc. site] in the database was considered to be a REC since this site is located adjacent east to the subject Property and there is the potential for impacted soils and/or groundwater to have migrated onto the subject Property. Additional information

regarding this facility is provided in Section 3.3.1 (North Coast Regional Water Quality Control Board).

### 3.1.1.18 Solid Waste Information System (SWF/LF)

The SWF/LF database is a list of 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.

One (1) SWF/LF site was identified during the EDR records search within a 0.5-mile search radius of the Property.

Property	Map ID	Address	Approx. Distance (Miles) & Direction	Status
York Ranch Fill Site #4	21	1/2 Mile West of Capella	1/8 - 1/4 East	The Facility ID is 23-AA-0024. The owner is listed as Louisiana Pacific Corp - Samoa. The site is listed as a permitted wood waste disposal site. The operator status is listed as closed.

The inclusion of this listing in the SWF/LF database is not considered to be a REC for the Property since hazardous substances associated with wood waste disposal sites are not considered primary contaminants of concern for the subject Property, since the site is located down-gradient with respect to groundwater, and since it is unlikely that potentially contaminated soils have migrated from the site to the subject Property.

### 3.1.1.19 Leaking Underground Storage Tank Information System (LUST)

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

Thirty-three (33) LUST sites were identified during the EDR records search within a 0.5-mile search radius of the Property.

Eight (8) of the 33 sites were located down-gradient with respect to groundwater. The sites were located between approximately 500 feet and 2,200 feet from the subject Property.

Twenty-two (22) of the remaining 25 sites were listed with a status of ‘completed - case closed.’

A summary of the remaining three (3) sites is provided in the table below.

Property	Map ID	Address	Approx. Distance (Miles) & Direction	Status
MCDPW Ukiah Courthouse	N47	100 North State Street	1/8 - 1/4 West	The status is listed as Open - Inactive and the Global ID is T0604500304. The potential affected media is listed as aquifer used for drinking water supply. Groundwater is impacted with diesel.
Shell, Stefani	70	406 North State Street	1/4 - 1/2 Northwest	The status is listed as Open - Remediation and the Global ID is T0604500121. The potential affected media is listed as aquifer used for drinking water supply. The potential contaminant of concern is listed as gasoline.
Rite Aid Store #6033	Q72	680 South State Street	1/4 - 1/2 Southwest	No information is provided in the LUST database; however, from the SLIC database: the status is listed as Open - Site Assessment and the Global ID is T0604500310. The potential affected media is listed as aquifer used for drinking water supply and soil. The potential contaminants of concern are listed as benzene, diesel, toluene, and gasoline.

The MCDPW Ukiah Courthouse; Shell, Stefani; and Rite Aid Store #6033 sites are located up-gradient from the subject Property. These sites are all listed with the RWQCB as open sites that have affected groundwater with petroleum hydrocarbons. Based upon that information, there is a potential for contaminated groundwater from these sites to have impacted groundwater beneath the subject Property. These sites were considered RECs for the subject Property.

A summary of all of the sites listed in the LUST database is provided in the Executive Summary of the EDR Radius Map Report (Appendix B).

### 3.1.1.20 Spills, Leaks, Investigation & Cleanup Cost Recovery Listing (SLIC)

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

Seven (7) SLIC sites were identified during the EDR records search within a 0.5-mile search radius of the Property.

Property	Map ID	Address	Approx. Distance (Miles) & Direction	Status
Rite Aid Store #6033	Q72	680 South State Street	1/4 - 1/2 Southwest	The status is listed as Open - Site Assessment and the Global ID is T0604500310. The potential affected media is listed as aquifer used for drinking water supply and soil. The potential contaminants of concern are listed as benzene, diesel, toluene, and gasoline.
American Savings Bank	S74	700 South State Street	1/4 - 1/2 South-Southwest	The status is listed as Open - Site Assessment and the Global ID is T0604593339. The potential affected media is listed as aquifer used for drinking water supply. The potential contaminant of concern is listed as gasoline.
Old Leslie Street Gas Plant	A2	Leslie Street	0 - 1/8 East	The status is listed as Open - Site Assessment and the Global ID is T0604593285. The potential affected media is listed as soil, under investigation. The potential contaminants of concern are listed as other petroleum, PAHs.
Ukiah Recycle & Salvage	A5	122 Leslie Street	0 - 1/8 East	The status is listed as Open - Remediation and the Global ID is T0604593441. The potential affected media is listed as aquifer used for drinking water supply. The potential contaminants of concern are listed as diesel, gasoline, other petroleum.
DZ, Inc.	A8	134 Leslie Street	0 - 1/8 East	The status is listed as Open - Remediation and the Global ID is T0604593173. The potential affected media is listed as aquifer used for drinking water supply. The potential contaminants of concern are listed as diesel, gasoline, waste oil / motor / hydraulic / lubricating.
K-Mart #9139	C12	504 East Perkins Street	0 - 1/8 East-Northeast	The status is listed as Completed - Case Closed and the Global ID is T0604593425. The potential affected media is listed as aquifer used for drinking water supply. The potential contaminants of concern are listed as waste oil / motor / hydraulic / lubricating.
RCHDC Clara Avenue Site	76	578 Clara Street	1/4 - 1/2 North-Northeast	The status is listed as Open - Assessment & Interim Remedial Action and the Global ID is T10000002431. The potential affected media is listed as 'not reported.' The potential contaminants of concern are listed as arsenic, lead.

The K-Mart #9139 and RCHDC Clara Avenue Site sites are located up-gradient with respect to groundwater from the subject Property. In addition, it is unlikely that contaminated soils from these sites have migrated to the subject Property. Based upon that information, the inclusion of these two sites in the SLIC database was not considered to be a REC for the subject Property.

The Rite Aid Store #6033 and American Savings Bank sites are located up-gradient from the subject Property. These sites are listed with the RWQCB as open sites that have affected groundwater with petroleum hydrocarbons. Based upon that information, there is a potential for contaminated groundwater from these sites to have impacted groundwater beneath the subject Property. These sites were considered RECs for the subject Property.

The Old Leslie Street Gas Plant, Ukiah Recycle & Salvage [Unocal Bulk Plant #8013 site], and DZ, Inc. sites are located adjacent east of the subject Property. Petroleum hydrocarbons and/or polycyclic aromatic hydrocarbons (PAHs) originating from these sites have impacted soil and/or groundwater. There is a potential that impacted media have migrated onto the subject Property and these sites were considered to be RECs for the subject Property. These sites are discussed in further detail in Section 3.3.1 (North Coast Regional Water Quality Control Board).

### 3.1.1.21 Leaking Underground Storage Tanks on Indian Land (INDIAN LUST)

The INDIAN LUST database is a list of leaking underground storage tank locations on Indian land.

No INDIAN LUST sites were identified during the EDR records search within a 0.5-mile search radius of the Property.

### 3.1.1.22 Underground Storage Tank Database (UST)

The UST database is a list of active UST facilities gathered from the local regulatory agencies.

Three (3) UST sites were identified during the EDR records search within a 0.25-mile search radius of the site.

Property	Map ID	Address	Approx. Distance (Miles) & Direction	Status
California Highway Patrol	K30	540 South Orchard Avenue	1/8 - 1/4 East	The Global ID is listed as 6157.
USA #68229 (PRK UK)	H33	585 East Perkins Street	1/8 - 1/4 East-Northeast	The Global ID is listed as 6113.
Central Ukiah Chevron	H50	605 East Perkins Street	1/8 - 1/4 East-Northeast	The Global ID is listed as 6094.

The inclusion of these sites in the UST database was not considered to be a REC for the subject Property since all three sites are located down-gradient with respect to groundwater, and since

the UST database does not include any pertinent information regarding violations and/or unauthorized releases.

### 3.1.1.23 Aboveground Storage Tank Database (AST)

The AST database is a list of registered aboveground storage tanks.

One (1) AST site was identified during the EDR records search within a 0.25-mile search radius of the site.

Property	Map ID	Address	Approx. Distance (Miles) & Direction	Status
Ukiah Valley Med Ctr 1	J26	275 Hospital Drive	1/8 - 1/4 North-Northwest	The owner is listed as Ukiah Valley Medical Center 1. The total volume is listed as 2,100 gallons.

The inclusion of this site in the AST database was not considered to be a REC for the subject Property since the AST database does not include any pertinent information regarding violations and/or unauthorized releases.

### 3.1.1.24 Underground Storage Tank on Indian Land (INDIAN UST)

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian Land.

No INDIAN UST sites were identified during the EDR records search within a 0.25-mile search radius of the Property.

### 3.1.1.25 Underground Storage Tank on Indian Land (FEMA UST)

The FEMA UST database is a listing of all Federal Emergency Management Agency (FEMA) owned underground storage tanks.

No FEMA UST sites were identified during the EDR records search within a 0.25-mile search radius of the Property.

### 3.1.1.26 Voluntary Cleanup Priority Listing (INDIAN VCP)

The INDIAN VCP database is a list of voluntary cleanup priority sites located on Indian Land.

No INDIAN VCP sites were identified during the EDR records search within a 0.5-mile search radius of the Property.

### 3.1.1.27 Voluntary Cleanup Program Properties (VCP)

The VCP database is a listing of low threat level properties with either confirmed or unconfirmed releases where the project proponents have requested that DTSC oversee investigation and/or cleanup activities, and have agreed to provide coverage for DTSC's costs.

No VCP sites were identified during the EDR records search within 0.5-mile search radius of the Property.

### 3.1.2 Additional Environmental Records

#### 3.1.2.1 Listing of Brownfields Sites (US BROWNFIELDS)

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

One US BROWNFIELDS site was identified during the EDR records search within a 0.5-mile search radius of the site.

Property	Map ID	Address	Approx. Distance (Miles) & Direction	Status
City of Ukiah	A10	Perkins Street	< 1/8 East	The listing appears to be in reference to a grant from the Region 9 Targeted Brownfield Assessment program for the City of Ukiah to conduct a Phase I ESA. No dates are reported in the database. The targeted property is reported as 11 acres.

This listing appears to be in reference to the subject Property. The listing of the subject Property in the US BROWNFIELDS database was not considered to be a REC since the database does not include any pertinent information regarding historic operations, violations and/or unauthorized releases.



### 3.1.2.2 Torres Martinez Reservation Illegal Dump Site Locations (DEBRIS REGION 9)

The DEBRIS REGION 9 database is a listing of illegal dump site locations on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

No Debris Region 9 sites were identified during the EDR records search within a 0.5-mile search radius of the Property

### 3.1.2.3 Open Dump Inventory (ODI)

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.

No ODI sites were identified during the EDR records search within a 0.5-mile search radius of the Property.

### 3.1.2.4 Waste Management Unit Database (WMUDS/SWAT)

The Waste Management Unit Database System 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.

One (1) WMUDS/SWAT site was identified during the EDR records search within a 0.5-mile search radius of the Property.

Property	Map ID	Address	Approx. Distance (Miles) & Direction	Status
Ukiah City SWDS	R71	Vichi Springs Road	1/4 - 1/2 East	The complexity is listed as Category A and the primary waste is listed as solid waste. The facility type is listed as a Solid Waste Site - Class III, landfills for non hazardous solid wastes.

The inclusion of the Ukiah City SWDS site in the WMUDS/SWAT database was not considered to be a REC for the subject Property since it is located down-gradient with respect to groundwater, since it is unlikely that potentially impacted soils from the site have migrated to the subject Property, and since the facility primarily deals in non-hazardous solid waste.

### **3.1.2.5 Recycler Database (SWRCY)**

The SWRCY database is a listing of recycling facilities in California.

No SWRCY sites were identified during the EDR records search within a 0.5-mile search radius of the Property.

### **3.1.2.6 Registered Waste Tire Haulers Listing (HAULERS)**

The HAULERS database is a listing of registered waste tire haulers.

No HAULERS sites were identified during the EDR records search on the Property.

### **3.1.2.7 Report on Status of Open Dumps on Indian Lands (INDIAN ODI)**

The INDIAN ODI database is a listing of the location of open dumps on Indian Land.

No INDIAN ODI sites were identified during the EDR records search within a 0.5-mile search radius of the Property.

### **3.1.2.8 Clandestine Drug Labs (US CDL)**

The US CDL database is a listing of clandestine drug lab locations. The U.S. Department of Justice (DOJ) 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 DOJ, and the DOJ 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.

No US CDL sites were identified during the EDR records search on the Property.

### **3.1.2.9 Historical CalSites Database (HIST Cal-Sites)**

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. CalSites is no longer updated by the state agency; it has been replaced by the EnviroStor database.

No HIST Cal-Sites sites were identified during the EDR records search within a 1-mile search radius of the Property.

### **3.1.2.10 School Property Evaluation Program (SCH)**

The SCH database 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 ENVIROSTOR category depending on the level of threat to public health and safety or the environment they pose.

No SCH sites were identified during the EDR records search within a 0.25-mile search radius of the Property.

#### **3.1.2.11 Toxic Pits Cleanup Act Sites (Toxic Pits)**

The Toxic Pits database identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

No Toxic Pits sites were identified during the EDR records search within a 1-mile search radius of the Property.

#### **3.1.2.12 Clandestine Drug Labs (CDL)**

The CDL database is 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.

No CDL sites were identified during the EDR records search on the Property.

#### **3.1.2.13 National Clandestine Laboratory Register (US HIST CDL)**

The US HIST CDL database is a listing of clandestine drug lab locations. The DOJ 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.

No US HIST CDL sites were identified during the EDR records search on the Property.

#### **3.1.2.14 Facility Inventory Database (CA FID UST)**

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.

Seven (7) CA FID UST sites were identified during the EDR records search within a 0.25-mile search radius of the Property.

The CA FID UST database does not provide any pertinent information related to violations, unauthorized releases, hazardous substance types, or tank installation dates. Based upon that information, the inclusion of a site within this database is not considered to be a REC. Of the seven sites listed, the nearest site to the subject Property was located approximately 900 feet to the north-northwest.

A summary of all of the sites listed in the CA FID UST database is provided in the Executive Summary of the EDR Radius Map Report (Appendix B).

### 3.1.2.15 Hazardous Substance Storage Container Database (HIST UST)

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

Eleven (11) HIST UST sites were identified during the EDR records search within a 0.25-mile search radius of the Property.

Site	Map ID	Address	Approx. Dist. (Miles) & Direction	Significant Database Details
Fullerton Equipment Co. Inc.	B9	265 E. Clay	0 - 1/8 West	Total Tanks: 1. Tank 1 installed in 1952; 500-gal. Regular; no leak detection.
Ukiah Police Department	11	280 E. Standley	0 - 1/8 West-Northwest	Total Tanks: 1. Tank 1; Unleaded; stock inventor.
Diamond Lumber, Inc.	15	235 E. Perkins	0 - 1/8 West	Total Tanks: 1. Tank 1; 550-gal. Regular.
Ukiah Adventist Hospital	J28	275 Hospital	1/8 - 1/4 North-Northwest	Total Tanks: 2. Tank 1 installed in 1980; 1,000-gal. Regular; no leak detection. Tank #1 installed in 1980; 1,000-gal. Regular; no leak detection.
John's Union 76	L35	315 S. State	1/8 - 1/4 West	Total Tanks: 3. Tank 1; 7,500-gal. Unleaded; no leak detection. Tank 2; Premium; no leak detection. Tank 3; Waste Oil; no leak detection.
Union Oil SS#2901	L36	315 S. State	1/8 - 1/4 West	Total Tanks: 3. Tank 1 installed in 1955; 7,500-gal. Unleaded; stock inventor. Tank 2 installed in 1955; 5,000-gal. Premium; stock inventor. Tank 3; 550-gal. Waste Oil; stock inventor. Tank 4 installed in 1958; waste; construction is 6 inches; leak detection is visual.
Don Loehr's Auto Service	56	406 N. State	1/8 - 1/4 West-Northwest	Total Tanks: 4. Tank 1; 5,000-gal. Premium; stock inventor. Tank 2; 4,000-gal. Unleaded; stock inventor. Tank 3; 8,000-gal. Regular; stock inventor. Tank 4; Waste Oil; no leak detection.
Kmart Enterprises	C13	504 E. Perkins	0 - 1/8 East-Northeast	Total Tanks: 1. Tank 1 installed in 1977; 500-gal. Waste Oil; construction is 3/16"; pressure test.
East Perkins Mobil	H45	596 E. Perkins	1/8 - 1/4 East-Northeast	Total Tanks: 4. Tank 1; 550-gal. Waste Oil; stock inventor. Tank 2; 10,000-gal. Unleaded; stock inventor. Tank 3; 10,000-gal. Unleaded; stock inventor. Tank 4; 10,000-gal. Regular; stock inventor.
96361	H49	605 E. Perkins	1/8 - 1/4 East-Northeast	Total Tanks: 5. Tank 1 installed in 1980; 10,000-gal. Product; stock inventor. Tank 2 installed in 1980; 10,000-gal. Product; stock inventor. Tank 3 installed in 1980; 10,000-gal. Product; stock inventor. Tank 4 installed in 1980; 10,000-gal. Product; stock inventor. Tank 5 installed in 1983; 1,000-gal. Waste; stock inventor.

Site	Map ID	Address	Approx. Dist. (Miles) & Direction	Significant Database Details
East Perkins Texaco	H54	704 E. Perkins	1/8 - 1/4 East-Northeast	Total Tanks: 5. Tank 1; 10,000-gal. Unleaded; stock inventor. Tank 2; 6,000-gal. Unleaded; stock inventor. Tank 3; 10,000-gal. Regular; stock inventor. Tank 4; 2,000-gal. Diesel; stock inventor. Tank 5; 550-gal. Waste Oil; stock inventor.

The inclusion of these 11 sites in the HIST UST database is not considered to be a REC for the subject Property since the HIST UST database does not indicate violations, unauthorized releases, or additional pertinent information. In addition, none of the 11 sites are adjoining to the subject Property and it is unlikely that potentially contaminated soils from these sites have migrated to the subject Property.

### 3.1.2.16 Statewide Environmental Evaluation and Planning System Underground Storage Tank Listing (SWEEPS UST)

The Statewide Environmental Evaluation and Planning System (SWEEPS) is a database listing underground storage tanks, which 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.

Seven (7) SWEEPS UST sites were identified during the EDR records search within a 0.25-mile search radius of the Property.

Site	Map ID	Address	Approx. Dist. (Miles) & Direction	Significant Database Details
Ukiah Valley Medical Center	J27	275 Hospital	1/8 - 1/4 North-Northwest	Tanks: 5,000-gal. Unleaded; 1,000-gal. Diesel.
Steve's Service Station	G29	315 S. State	1/8 - 1/4 West	Tanks: 7,500-gal. Unleaded; 5,000-gal. Unleaded; 550-gal. Waste Oil.
Mendocino County Courthouse	N41	100 N. State	1/8 - 1/4 West	Tanks: 2,000-gal. Product.
Beacon Station 1-678/ Ultramar	H34	585 E. Perkins	1/8 - 1/4 East-Northeast	Tanks: 10,000-gal. Leaded; 10,000-gal. Unleaded; 10,000-gal. Unleaded.
East Perkins BP / Rinehart Oil	H44	596 E. Perkins	1/8 - 1/4 East-Northeast	Tanks: 550-gal. Waste Oil; 10,000-gal. Unleaded; 10,000-gal. Unleaded; 10,000-gal. Leaded.
Chevron #96361	H52	605 E. Perkins	1/8 - 1/4 East-Northeast	Tanks: 10,000-gal. Unleaded; 10,000-gal. Unleaded; 10,000-gal. Unleaded; 10,000-gal. Diesel.
Herb's Texaco/ Rinehart Oil	H55	704 E. Perkins	1/8 - 1/4 East-Northeast	Tanks: 10,000-gal. Unleaded; 6,000-gal. Unleaded; 10,000-gal. Leaded; 2,000-gal. Diesel; 550-gal. Waste Oil.

The inclusion of these seven sites in the SWEEPS UST database is not considered to be a REC for the subject Property since the SWEEPS UST database does not indicate violations, unauthorized releases, or additional pertinent information. In addition, none of the seven sites are adjoining to the subject Property and it is unlikely that potentially contaminated soils from these sites have migrated to the subject Property.

#### **3.1.2.17 CERCLA Lien Information (LIENS 2)**

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.

No LIENS 2 sites were identified during the EDR records search on the Property.

#### **3.1.2.18 Land Use Control Information System (LUCIS)**

The Land Use Control Information System (LUCIS) contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

No LUCIS sites were identified during the EDR records search within a 0.5-mile search radius of the Property.

#### **3.1.2.19 Environmental Liens Listing (LIENS)**

The LIENS database is a listing of property locations with environmental liens for California where the DTSC is a lien holder.

No LIENS sites were identified during the EDR records search on the Property.

#### **3.1.2.20 Deed Restriction Listing (DEED)**

The DEED database is a listing of Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions and Hazardous Waste Management Program Facility Sites with Deed/Land Use Restrictions. The DTSC Site Mitigation and Brownfields Reuse Program 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 HWMP as a result of the presence of hazardous substances that remained on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restrictions include deed notice, deed restriction, or a land use restriction that binds current and future owners.

No DEED sites were identified during the EDR records search within a 0.5-mile search radius of the Property.

### **3.1.2.21 Hazardous Materials Information Reporting System (HMIRS)**

The Hazardous Materials Information Reporting System (HMIRS) database contains hazardous material spill incidents reported to the U.S. Department of Transportation.

No HMIRS sites were identified during the EDR records search on the Property.

### **3.1.2.22 California Hazardous Materials Information Reporting System (CHMIRS)**

The California Hazardous Materials Information Reporting System (CHMIRS) database contains information on reported hazardous material incidents (accidental releases or spills).

No CHMIRS sites were identified during the EDR records search on the Property.

### **3.1.2.23 Land Disposal Sites Listing (LDS)**

The Land Disposal program regulates the waste discharge to land for treatment, storage, and disposal in waste management units.

No LDS sites were identified during the EDR records search on the Property.

### **3.1.2.24 Military Cleanup Sites Listing (MCS)**

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense through the Defense and State Memorandum of Agreement, to oversee the investigation and remediation of water quality issues at military facilities.

No MCS sites were identified during the EDR records search on the Property.

### **3.1.2.25 RCRA Non-Generators (RCRA-NonGen)**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the RCRA of 1976 and the HSWA of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA. Non-Generators do not presently generate hazardous waste

One (1) RCRA-NonGen sites was identified during the EDR records search within a 0.25-mile search radius of the Property.

Property	Map ID	Address	Approx. Distance (Miles) & Direction	Status
Pacific Bell	58	510 South School Street	1/8 - 1/4 West	The EPA ID is listed as CAT080028426. The facility was formerly classified as SQG in 1996 and a LQG in 1981. The violation status was listed as: no violations found.

The inclusion of the Pacific Bell site in the RCRA-NonGen database was not considered to be a REC for the subject Property since the facility is currently a non-generator of hazardous waste, since no violations were reported, and since it is unlikely that any potentially impacted soils have migrated from the site to the subject Property.

### 3.1.2.26 Incident and Accident Data (DOT OPS)

The DOT OPS database contains records of Department of Transportation, Office of Pipeline Safety Incident and Accident data.

No DOT OPS sites were identified during the EDR records search on the Property.

### 3.1.2.27 Department of Defense Sites (DOD)

The DOD data set consists of federally owned 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.

No DOD sites were identified during the EDR records search within a 1-mile search radius of the Property.

### 3.1.2.28 Formerly Used Defense Sites (FUDS)

The FUDS database is a list of Formerly Used Defense Site (FUDS) properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

No FUDS sites were identified during the EDR records search within a 1-mile search radius of the Property.

### 3.1.2.29 Superfund Consent Decrees (CONSENT)

The CONSENT database is a list of major legal settlements that establish responsibility for cleanup at NPL (Superfund) sites. The database is released periodically by United States District Courts after settlement by parties to litigation matters.

No CONSENT sites were identified during the EDR records search within a 1-mile search radius of the Property.



### **3.1.2.30 Record of Decision (ROD)**

Record of Decision (ROD) documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

No ROD sites were identified during the EDR records search within a 1-mile search radius of the Property.

### **3.1.2.31 Uranium Mill Tailing Sites (UMTRA)**

The UMTRA database is list of sites associated with uranium ore that was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of 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.

No UMTRA sites were identified during the EDR records search within a 0.5-mile search radius of the Property.

### **3.1.2.32 Mines Master Index File (MINES)**

The MINES database contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

No MINES sites were identified during the EDR records search within a 0.25-mile search radius of the Property.

### **3.1.2.33 Toxic Chemical Release Inventory System (TRIS)**

The Toxic Chemical 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.

No TRIS sites were identified during the EDR records search on the Property.

### **3.1.2.34 Toxic Substances Control Act (TSCA)**

The Toxic Substances Control Act (TSCA) database identifies manufactures 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.

No TSCA sites were identified during the EDR records search on the Property.

### **3.1.2.35 Federal Insecticide, Fungicide, and Rodenticide Act/TSCA Tracking System (FTTS)**

The FTTS database tracks administrative cases and pesticide enforcement actions and compliance activities related to Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), TSCA and the Emergency Planning and Community Right-to-Know Act (EPCRA).

No FTTS sites were identified during the EDR records search on the Property.

### **3.1.2.36 FIFRA/TSCA Tracking System Administrative Case Listing (HIST FTTS)**

The HIST FTTS database contains a complete administrative case listing from FTTS for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA and TSCA. 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.

No HIST FTTS sites were identified during the EDR records search on the Property.

### **3.1.2.37 Section 7 Tracking System (SSTS)**

Section 7 of the FIFRA, as amended (92 Stat. 829), requires all registered pesticide-producing establishments to submit a report to EPA by March 1<sup>st</sup> 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.

No SSTS sites were identified during the EDR records search on the Property.

### **3.1.2.38 Integrated Compliance Information System (ICIS)**

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.

No ICIS sites were identified during the EDR records search on the Property.

### **3.1.2.39 Polychlorinated Biphenyl Activity Database System (PADS)**

The PADS database identifies generators, transporters, commercial storers and/or brokers, and disposers of polychlorinated biphenyls (PCBs) who are required to notify EPA of such activities.

No PADS sites were identified during the EDR records search on the Property.

#### **3.1.2.40 Material Licensing Tracking System (MLTS)**

The MLTS database is maintained by the Nuclear Regulatory Commission (NRC) and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements.

No MLTS sites were identified during the EDR records search on the Property.

#### **3.1.2.41 Radiation Information Database (RADINFO)**

The RADINFO database contains information about facilities that are regulated by EPA for radiation and radioactivity.

No RADINFO sites were identified during the EDR records search on the Property.

#### **3.1.2.42 Facility Index System/Facility Registry System (FINDS)**

The FINDS database 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 action for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

No FINDS sites were identified during the EDR records search on the Property.

#### **3.1.2.43 RCRA Administrative Action Tracking System (RAATS)**

The RAATS database 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 30 September 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.

No RAATS sites were identified during the EDR records search on the Property.

#### **3.1.2.44 Bond Expenditure Plan (CA BOND EXP. PLAN)**

The 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.

No CA BOND EXP. PLAN sites were identified during the EDR records search within a 1-mile search radius of the Property.

#### **3.1.2.45 Waste Discharge System (WDS)**

The WDS database is a listing of sites which have been issued waste discharge requirements.

No WDS sites were identified during the EDR records search on the Property.

#### **3.1.2.46 National Pollutant Discharge Elimination System Permits Listing (NPDES)**

The NPDES database is a listing of NPDES permits, including stormwater.

No NPDES sites were identified during the EDR records search on the Property.

#### **3.1.2.47 “Cortese” Hazardous Waste & Substances Sites List (Cortese)**

The sites listed in the Cortese database are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

No Cortese sites were identified during the EDR records search within a 1-mile search radius of the Property.

#### **3.1.2.48 Hazardous Waste & Substances Sites List (HIST CORTESE)**

The sites listed in the Cortese database 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).

Twenty-six (26) HIST CORTESE sites were identified during the EDR records search within a 0.5-mile search radius of the Property.

The HIST CORTESE database does not provide any pertinent information related to violations, unauthorized releases, or hazardous substance types. Based upon that information, the inclusion of a site within this database is not considered to be a REC.

A summary of all of the sites listed in the HIST CORTESE database is provided in the Executive Summary of the EDR Radius Map Report (Appendix B).

#### **3.1.2.49 Proposition 65 Records (Notify 65)**

The Notify 65 database is a listing of Proposition 65 Notification Records. Notify 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

One (1) Notify 65 site was identified during the EDR records search within a 1-mile search radius of the Property.

This site was identified as UPS located at 259 Cherry Street, 1/2 - 1 mile south of the subject Property. The incident description was listed as 94596. No additional information was provided in the database.

The Notify 65 database does not provide any pertinent information related to violations, unauthorized releases, or hazardous substance types. Based upon that information, the inclusion of a site within this database is not considered to be a REC.

### 3.1.2.50 Cleaner Facilities (DRYCLEANERS)

The DRYCLEANERS database is 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; dry cleaning plants, except rugs; carpet and upholstery cleaning; industrial launderers; and laundry and garment services.

Four (4) DRYCLEANERS sites were identified during the EDR records search within 0.25-mile search radius of the site.

Site	Map ID	Address	Approx. Dist. (Miles) & Direction	Significant Database Details
Howards Cleaners	I25	295 N. Main	1/8 - 1/4 West-Northwest	EPA ID: CAD981628118; Facility Active: No; Inactive Date: 06/30/98.
Master Cleaner	M39	502-504 S. State	1/8 - 1/4 West	EPA ID: CAT080029556; Facility Active: No; Inactive Date: 06/30/2000.
Master Cleaners	M40	502 S. State	1/8 - 1/4 West	EPA ID: CAL000123302; Facility Active: No; Inactive Date: 06/30/2008.
Master Cleaners	M57	195 Seminary	1/8 - 1/4 West	EPA ID: CAL000012983; Facility Active: No; Inactive - Business Moved.

The former Howards Cleaners facility was located approximately 750 feet north-northwest of the subject Property. During the December 2010 WESTON site visit, a drive-by of this property was conducted. At that time, the property was occupied by vacant land. In at least 1993, the property was occupied by a commercial building. Since tetrachloroethylene (PCE) has been identified in groundwater beneath the subject Property, since PCE was commonly used at drycleaner facilities, and since the former Howards Cleaners facility is located potentially up-gradient with respect to groundwater from the subject Property, this site was considered to be a REC for the subject Property.

As of December 2010, the Master Cleaners dry cleaning facility was located at 502 S. State Street, approximately 1,000 feet west-southwest of the subject Property. The former location of this business on Seminary Avenue is approximately 1,200 feet west-southwest of the subject Property. During the December 2010 WESTON site visit, a drive-by of this facility was conducted. At that time, the business appeared to be operational. Since PCE has been identified

in groundwater beneath the subject Property, since PCE was commonly used at drycleaner facilities, and since the Master Cleaners facility is located potentially up-gradient with respect to groundwater from the subject Property, this site was considered to be a REC for the subject Property.

#### **3.1.2.51 Well Investigation Program Case List (WIP)**

The WIP database includes a Well Investigation Program case in the San Gabriel and San Fernando Valley area.

No WIP sites were identified during the EDR records search within a 0.25-mile search radius of the Property.

#### **3.1.2.52 Facility and Manifest Data (HAZNET)**

The HAZNET database includes 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.

No HAZNET sites were identified during the EDR records search on the Property; however, the Property was identified within the Orphan Sites Summary as being listed in the HAZNET database. See Section 3.2 (Orphan Sites Summary) for additional details on the Property's listing in the HAZNET database.

#### **3.1.2.53 Emissions Inventory Data (EMI)**

The EMI database contains toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

No EMI sites were identified during the EDR records search on the Property.

#### **3.1.2.54 Indian Reservations (INDIAN RESERV)**

The INDIAN RESERV map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

No INDIAN RESERV sites were identified during the EDR records search within a 1-mile search radius of the Property.

#### **3.1.2.55 State Coalition for Remediation of Drycleaners Listing (SCRD DRYCLEANERS)**

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. California is not currently a member state.

No SCRD DRYCLEANERS sites were identified during the during the EDR records search within a 0.5-mile search radius of the Property.

#### **3.1.2.56 Certified Processors Database (PROC)**

The PROC database is a listing of certified processors.

No PROC sites were identified during the during the EDR records search within a 0.5-mile search radius of the Property.

#### **3.1.2.57 Medical Waste Management Program Listing (MWMP)**

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

No MWMP sites were identified during the during the EDR records search within a 0.25-mile search radius of the Property.

#### **3.1.2.58 Steam-Electric Plan Operation Data (COAL ASH DOE)**

The COAL ASH DOE database is a listing of power plants that store ash in surface ponds.

No COAL ASH DOE sites were identified during the during the EDR records search on the Property.

#### **3.1.2.59 Coal Combustion Residues Surface Impoundments List (COAL ASH EPA)**

The COAL ASH EPA database is a listing of coal combustion residue surface impoundments with high potential hazard ratings.

No COAL ASH EPA sites were identified during the during the EDR records search within a 0.5-mile search radius of the Property.

#### **3.1.2.60 Registered Hazardous Waste Transporter Database (HWT)**

The HWT database is 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 the DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

One (1) HWT site was identified during the during the EDR records search within a 0.25-mile search radius of the Property.

Site	Map ID	Address	Approx. Dist. (Miles) & Direction	Significant Database Details
Mendocino Solid Waste Management Authority	L38	101 W. Church #9	1/8 - 1/4 West	HWT Reg. No: 3508; Expiration Date: 08/31/11.

The inclusion of this site in the HWT database was not considered to be a REC for the subject Property since the HWT database does not report pertinent information regarding violations, unauthorized releases, or associated hazardous substances.

### 3.1.2.61 EnviroStor Permitted Facilities Listing (HWP)

The HWP database provides detailed information on permitted hazardous waste facilities and corrective action (“cleanups”) tracked in the EnviroStor database.

No HWP sites were identified during the during the EDR records search within a 1-mile search radius of the Property.

### 3.1.2.62 Financial Assurance Information Listing (FINANCIAL ASSURANCE)

The FINANCIAL ASSURANCE database is 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.

No FINANCIAL ASSURANCE sites were identified during the during the EDR records search on the Property.

### 3.1.2.63 PCB Transformer Registration Database (PCB TRANSFORMER)

The PCB TRANSFORMER database contains PCB transformer registrations and includes all PCB registration submittals.

No PCB TRANSFORMER sites were identified during the during the EDR records search on the Property.

## 3.1.3 EDR Proprietary Records

### 3.1.3.1 EDR Proprietary Manufactured Gas Plant Database (Manufactured Gas Plants)

The Manufactured Gas Plants 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 the 1950’s to produce a gas that could be distributed and used as a 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 the 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.

One (1) Manufactured Gas Plants site was identified during the EDR records search within a 1-mile search radius of the Property.

The PG&E Gas Plant Ukiah site [Old Leslie Street Gas Plant site], which is listed as being located at the West side of Leslie at Perkins/Peach, was identified in the Manufactured Gas Plants database. No information is provided in this database. The listing of the PG&E Gas Plant Ukiah site in the database was considered to be a REC since this site is located adjacent east to the subject Property and there is the potential for impacted soils and/or groundwater to have migrated onto the subject Property. Additional information regarding this facility is provided in Section 3.3.1 (North Coast Regional Water Quality Control Board).

### **3.2 ORPHAN SITES SUMMARY**

The Orphan Sites Summary included in the EDR report is a listing of sites that could not be mapped by EDR due to insufficient addresses. WESTON attempted to locate the orphan sites using electronic mapping programs.

No sites listed in the Orphan Sites Summary were identified as likely having impacted environmental conditions at the subject property. Please see Appendix B for additional details on the Orphan Sites Summary.

The subject Property was identified in the Orphan Sites Summary as City of Ukiah at 309 E. Perkins Street [Passenger Depot Building]. The site was listed in the HAZNET database as having had 0.025 tons of ‘other inorganic solid waste’ and 0.4 tons of ‘asbestos-containing waste’ on site. According to Mr. Guy Mills at the City of Ukiah, this listing is related to asbestos abatement that was conducted during the renovation of the Passenger Depot Building in 2009. Since this waste is reported to have been transported to an off-site disposal facility, the listing of the subject Property in the HAZNET database was not considered to be a REC.

### **3.3 LOCAL GOVERNMENT AND/OR PRIVATE INQUIRIES**

#### **3.3.1 North Coast Regional Water Quality Control Board**

WESTON reviewed North Coast Regional Water Quality Control Board (NCRWQCB) records on 5 October 2010 and 1 February 2011. In addition, WESTON has reviewed information provided in the GeoTracker database (<http://GeoTracker.swrcb.ca.gov>). GeoTracker is the State Water Resources Control Boards’ (Water Board) data management system for managing sites that impact groundwater, especially those that require groundwater cleanup (Underground Storage Tanks, Department of Defense, Site Cleanup Program) as well as permitted facilities such as operating USTs and land disposal sites. The Water Board is comprised of several Regional Water Quality Control Board offices including the NCRWQCB. The Water Board also maintains other databases to assist in identification of waste management and remediation sites, as provided on [http://www.waterboards.ca.gov/resources/data\\_databases/](http://www.waterboards.ca.gov/resources/data_databases/).

There are three sites located along the eastern property boundary that are registered with the NCRWQCB:

- Old Leslie Street Gas Plant (GeoTracker ID: T0604593285)
- Unocal Bulk Plant #0813 (GeoTracker ID: T0604593441)
- DZ, Inc. (GeoTracker ID: T0604593173)

These sites are generally impacted with total petroleum hydrocarbons (TPH), PAHs, and metals (predominantly arsenic and lead) in soil (to depths ranging from the surface to 12 feet below ground surface [bgs]). Chemicals-of-concern (COCs) in groundwater include: TPH and PCE. Non-Aqueous Phase Liquids (NAPL) – free product – has been observed in at least three groundwater monitoring wells located east of the subject property.

### 3.3.1.1 Old Leslie Street Gas Plant

The property is located at 120-A Leslie Street in Ukiah, California which is just south of Perkins Street and on the western side of Leslie Street. Gibson Creek is located along the northern property boundary. The Property is currently vacant with no visible structures, and is primarily vegetated with grass and a few trees.

#### Site History

The property was initially developed in 1910 as a gas plant and operated until 1967 when a natural gas pipeline was completed to service Ukiah. The plant used several methods for producing gas, including oil (1910 – early 1930s), butane (early 1930s – mid 1940s), and propane (mid 1940s - 1967).

The property had several onsite structures for gas generation and storage activities, including buildings for gas manufacture (e.g., boiler rooms, compression houses), oil tanks, and compressed gas storage tanks. Historic features/operations in the central portion of the Property included a 20,000 cubic foot “gas holder” tank and an electric gas booster pump. A former asphalt plant was located immediately west of the Property on the Former Ukiah Rail Yard property (1929 Sanborn Map); the asphalt plant may have used byproducts of the oil gas production (residual tar) from the gas plant to manufacture asphalt. The plant was dismantled shortly after the arrival of the natural gas pipeline in 1967.

#### Environmental Activities

Several environmental studies have been completed at and in the vicinity of the property to evaluate subsurface conditions, including the nature and extent of contamination in soil and groundwater. The Property has been assigned Site ID # 1NM233 by the NCRWQCB.

In March 1987 four surface grab soil samples were collected at the Property from the ground surface to depths of 6 inches. These activities were completed by the then owner, Pacific Gas and Electric Company (PG&E) to ascertain potential contamination at the subject property.

Two site investigations were completed by EBA Engineering (EBA) in July 2003 (EBA 2003) and September 2004 (EBA 2005a). As a combined effort, these site investigations resulted in the

completion of 28 soil borings using direct-push methods (designated as SB-1 through SB-28) and five permanent monitoring wells completed to depths of 30 feet below ground surface (designated as MW-1 through MW-5). In addition to groundwater samples collected from the monitoring wells, one-time, discrete grab groundwater samples were collected from seven of the soil borings during the 2003 investigation (SB-1 through SB-6, and SB-8).

In July 2005, EBA completed the fourth quarterly groundwater sampling event at the Property, and represented the first full hydrologic cycle monitored at the Property. The groundwater monitoring included wells MW-1 through MW-5 and were sampled October 2004, January 2005, April 2005, and July 2005 (EBA, 2005b).

### Summary of Environmental Conditions

The results of previous environmental studies indicate that COPCs in soil are generally limited to the central portion of the property at depths less than 5 feet bgs. Two borings (SB-2 and SB-11) share all three COPCs at similar depths indicating that soil in the central-western portion of the property is most impacted. The vertical extent of soil impacted with diesel- and motor oil-range TPH (TPH-D and TPH-MO) has not been determined in borings SB-2 and SB-11.

In groundwater, the data indicates that PCE is present at concentrations above the CA Public Health Goal (PHG) but below the California Maximum Contaminant Level (CA MCL). Concentrations of PCE are lowest in the furthest hydraulically down gradient samples (SB-6 and SB-3). Although the depth to groundwater has been observed to fluctuate seasonally at the property, the general groundwater flow direction is toward the southeast.

There are approximately 23, 55-gallon steel drums located on the property (13 soil, 9 water and 1 empty). The contents and origin of these drums are unknown, but are likely related to previous environmental site investigations associated with the property.

#### **3.3.1.2 Unocal Bulk Plant #0813**

The property is located at 122 Leslie Street in Ukiah, California which is just south of Perkins Street and on the western side of Leslie Street.

### Site History

The site is a former Union Oil Company of California (Unocal) Bulk Fuel Facility located west of the intersection of Leslie Street and Peach Street in Ukiah, California. The site operated as a bulk fuel storage facility from at least 1950 to 1974. During the facility's operation, the site contained five 20,000-gallon aboveground storage tanks (ASTs) containing heating oil, kerosene, diesel, and regular and unleaded gasoline. Following cessation of facility operations in 1974, the ASTs, dispenser rack, and some of the associated product piping was removed. From approximately 1976 to 1986, the site was used as a construction support yard, containing work trucks, gravel, asphalt, and other road construction equipment. Then from approximately 1986 to 1998, the site was occupied by a recycling business, which stored glass, aluminum, paper, and plastic prior to transportation to a recycling plant. The Property has been assigned Site ID # 1NMC405 by the NCRWQCB.

### Environmental Activities

Site assessment activities have been ongoing at the site since 1998 and have included groundwater sampling, air sparging and soil-vapor extraction. To date, 11 soil borings have been advanced, and nine groundwater monitoring wells, 18 air sparge wells, and an ozone sparge system have been installed on-site and off-site.

### Summary of Environmental Conditions

The most recent results listed on GeoTracker are from a semi-annual groundwater monitoring event conducted in October 2010 showed that Light Non-Aqueous Phase Liquid (LNAPL) was measured in well MW-5. No LNAPL was observed in any other site wells.

Chemical analytical results indicate that TPH-G and TPH-D are present in groundwater collected from groundwater monitoring wells located on-site and offsite. According to the report, two possible sources of TPH-D and TPH-MO range hydrocarbons are present; one downgradient of the site and one downgradient of the adjacent parcel to the north of the subject site.

#### **3.3.1.3 DZ, Inc.**

The site is located in a residential and commercial area at 134 Leslie Street, Ukiah, California.

### Site History

The site is located in a residential and commercial area at 134 Leslie Street, Ukiah, California. DZ bought the property in 1985 and removed six aboveground storage tanks containing diesel, jet fuel, and regular and unleaded gasoline. No underground storage tanks were identified at the site; however, underground steel piping ran from the above ground tanks to the loading rack along the eastern site boundary. An auto body repair shop was formerly located in the northeastern part of the site. The site is currently occupied by an automotive repair facility (Blue Rock Environmental, Inc., 2010).

### Environmental Activities

DZ tried to sell the property in 1989, and was required by a potential buyer to conduct a site assessment. Shallow soil sampling for hydrocarbons was performed as part of the assessment. Analytical results revealed elevated concentrations of diesel, oil and grease in the soil along the southern boundary of the site (Blue Rock Environmental, Inc., 2010).

A soil vapor extraction (SVE)/air-sparge (AS) remedial system was constructed in October 2002 at the site recovered approximately 728 lbs of petroleum hydrocarbons from the subsurface. The SVE system has removed much of the volatile petroleum constituents from the site. The SVE remedial system was shut down on December 9, 2005 due to mechanical failure. The remedial system was evaluated and subsequently converted into a bio-sparge mode only, as much of the volatile components appear to have been recovered by vapor extraction. Corrective action at the site is currently being performed under the supervision of the NCRWQCB (Site ID #

1NMC047). The site is currently being monitored on an annual basis and the next sampling event is scheduled for October 2011.

### Summary of Environmental Conditions

Hydrocarbon sheen was observed at three on-site monitoring wells (MW-1A, MW-2A, and MW4), and two off-site monitoring wells (MW-5 and MW-10) during the October 2010 monitoring event. Absorbent pads continue to be used to remove measurable LNAPL from site (Blue Rock Environmental, Inc., 2010).

### **3.3.2 California Department of Toxic Substances Control**

The California Department of Toxic Substances Control (DTSC) maintains the online EnviroStor database. This database is active and frequently updated by DTSC staff. The EnviroStor database can be found at [www.envirostor.dtsc.ca.gov](http://www.envirostor.dtsc.ca.gov). WESTON conducted a search of the EnviroStor database for the subject Property and surrounding areas. The subject Property did not appear in the EnviroStor database. Two of the adjacent properties to the east; specifically the Old Leslie Street Gas Plant site and the DZ, Inc. site; were listed in the database as having been referred to the RWQCB. Additional information on these listings is provided in Section 3.1.1.17 (EnviroStor Database).

## **3.4 PHYSICAL SETTING SOURCES**

### **3.4.1 Topography**

Based on the 1958 (photorevised 1975) *Ukiah, California* United States Geological Survey (USGS) 7.5-minute topographic map the elevation of the Property is approximately 615 feet above mean sea level. In general, the topography in the vicinity of the Property is relatively flat with a slight slope towards the southeast.

### **3.4.2 Soil**

The following description is based upon soils observed by Professional Service Industries, Inc. (PSI) during the advancement of six soil borings in January 2011 (PSI, 2011). These borings were completed to a maximum depth of 50 feet below ground surface (bgs). The soils encountered in the borings primarily consisted of approximately 7 feet of medium to dark brown clay, clayey silt, and silty to gravelly clay overlying interbedded layers of sandy gravel and gravelly sand with cobbles to the total explored depth of 50 feet bgs. The consistency of the materials was observed to range from very soft to hard for silts and clays, and loose to very dense for sands and gravels. Groundwater was encountered between approximately 5 and 8 feet bgs, and bedrock was not encountered.

### **3.4.3 Geography**

Ukiah is located within the Russian River Valley, which is within the northern portion of the Coast Ranges province of California. The northern Coast Ranges trend northwestward, parallel

to the major structural features of the region. The mountain range that lies west of the Russian River valley and extends to the coast is commonly called the Mendocino Range and range in elevation between 1,400 and 3,000 feet. The highlands located east of the Russian River in the vicinity of Ukiah are known as the Mayacmas Mountains and range in elevation between 3,000 and 4,000 feet above sea level.

The Ukiah Valley is a subarea of the Russian River valley. The Ukiah Valley is approximately 22 miles long, averages approximately 3 miles wide, and occupies an area approximately 65 square miles in size. The altitude of the valley floor ranges from approximately 500 feet at the southern end to approximately 700 feet in the northern end. The valley floor at Ukiah is approximately 600 feet above sea level.

The Russian River rises approximately 16 miles north of Ukiah and flows southward for approximately 90 miles through alluvium-filled valleys and mountain gorges to Rio Dell. There, the river turns abruptly west and cuts through the Coast Ranges to the Pacific Ocean. The valley of the Russian River ranges in width between 12 and 32 miles, and occupies an area of approximately 1,485 square miles.

The flow of the Russian River is controlled by Coyote Dam on the East Fork near Ukiah, creating Lake Mendocino. Coyote Dam was created to reduce flood peaks by storing water in Lake Mendocino during periods of high runoff and to make water available during periods of low flow.

#### **3.4.4 Geology**

The rocks in the Russian River valley can be divided into three general groups. These groups are consolidated rocks of Jurassic and Cretaceous age, deformed poorly consolidated or unconsolidated continental, volcanic, and marine rocks of Cenozoic age, and undeformed and unconsolidated alluvial deposits of Quaternary age, including terrace deposits of Pleistocene age, dissected alluvium of Pleistocene and Recent age, and alluvium of Recent Age.

The oldest rocks in the area are those of the Franciscan and Knoxville Formations of Jurassic and Cretaceous age. These formations constitute the bedrock in most of the northern Coast Ranges and consist of consolidated sandstone, shale, chert, serpentine, and metamorphic and igneous rocks. These formations are in excess of 7,000 feet in thickness, and typically exhibit extensive fracturing and shearing.

Continental deposits of Cenozoic age include compacted and semi-indurated silty clay and gravel deposited as interbedded floodplain, alluvial fan, and lacustrine deposits. Volcanic deposits include interbedded lava flows, tuff, breccia, and volcanic sand and gravel conglomerates. Marine deposits include fossiliferous marine sand, sandstone, and silty clay containing pebbly beds and minor gravel lenses. These formations range in thickness up to 2,000 feet.

Terrace deposits consist of unconsolidated and poorly sorted fluvial deposits of gravel, sand, silt, and clay. These deposits may be locally cemented and indurated near surface layers. Alluvial layers unconsolidated and generally poorly sorted lenticular deposits of clay, silt, sand, and

gravel. Portions of these deposits are observed to be locally dissected. These deposits range in thickness up to 200 feet.

Northwest-trending faults and folds control the course of the middle and upper Russian River, and are the dominant structural features throughout the northern Coast Ranges. Several faults traverse the valleys, and recurrent movement has occurred in Recent time at several localities in the Ukiah Valley area. The Maacama fault is the closest fault to Ukiah, and is located along the eastern edge of the Ukiah Valley.

### **3.4.5 Surface Water**

The northern portion of the Property is transected by Gibson Creek, an intermittent surface water body. Gibson Creek flows generally southeast and then south to converge with the Russian River, approximately 1.5 miles downstream of the Property. No additional surface water bodies are located on the Property.

The northern, northeastern, and east-central portions of the Property are located within the 100-year flood zone. The central portion of the Property is located within the 500-year flood zone. The delineations of the 500-year and 100-year flood zones are identified within the EDR report, presented in Appendix B.

### **3.4.6 Stormwater**

During the site reconnaissance conducted by WESTON in December 2010, stormwater from the Property typically pooled in local on-site depressions and subsequently evaporated or infiltrated into the subsurface. Lesser amounts of stormwater runoff were discharged to adjacent properties and Gibson Creek.

### **3.4.7 Hydrogeology**

The Ukiah Valley groundwater basin, located in southeastern Mendocino County, is approximately 22 miles long and 5 miles wide at the widest point, and is the largest of several groundwater basins along the Russian River. The basin is part of the Ukiah and the Redwood Valleys to the north, and their tributary valleys. The low-lying regions of the Ukiah and Redwood Valleys as well as those sloping areas along the valley edges that include Quaternary and Tertiary-age sediments define the areal extent of this north-south trending basin. The basin surface elevation varies from approximately 700 feet in the upper portions of the Redwood Valley, to approximately 500 feet in the lower, southern areas of the Ukiah Valley.

The Russian River traverses the entire length of the Ukiah Valley groundwater basin and is met by many tributaries from both the east and west sides of Redwood and Ukiah Valleys. The main tributaries include Forsythe Creek, which joins with the Russian River north of the city of Calpella, and the East Fork of the Russian River, which joins the main branch of the Russian River north of Ukiah. Precipitation in the basin ranges from approximately 45 inches in the north to about 35 inches in the south.

Groundwater-bearing units of primary importance within the Ukiah Valley Groundwater Basin include Recent alluvium, as well as alluvium of Pliocene and Pleistocene age. The terrace deposits and dissected alluvium of Pleistocene age are of lesser importance with regard to groundwater production. Underlying these deposits is moderately to highly fractured basement rock consisting of the Franciscan and Knoxville Formations. Even when highly fractured these formations have limited permeability, and are considered to yield only small quantities of water locally.

Alluvium within the basin is considered a principal source of groundwater and consists of unconsolidated gravel, sand, silt, and minor amounts of clay deposited in channels and on floodplains of the Russian River and its tributaries, on alluvial fans, and as colluvium on interfan slopes. A subdivision of recent alluvium includes river-channel deposits defined by those areas where gravely stream channel deposits are currently being deposited. River-channel deposits are generally very high yielding loose gravels and sands; in some cases these deposits contain boulders. Recent alluvium is thickest in the central portion of the basin and extends from the surface to depths of 50 to 80 feet. Groundwater in the alluvium generally occurs under unconfined conditions.

Terrace deposits are characterized as alluvial deposits of primarily Pleistocene age, ranging from a thin veneer of red gravelly clay soil, to deposits of sandy or silty gravel up to 200 feet thick. Terrace deposits generally overly the Pliocene- and Pleistocene-age alluvium and occur discontinuously along the flanks of the Ukiah Valley and more continuously within the Redwood Valley on both sides of the Russian River. Groundwater in the terrace deposits is unconfined to locally confined.

Groundwater wells for water supply or for environmental monitoring were not identified at the subject Property. Several environmental monitoring wells are located at the DZ, Inc. site, adjacent east of the Property. At the DZ, Inc, the depth to groundwater fluctuates seasonally and has been observed at depths ranging from approximately 5 feet to 20 feet bgs. Groundwater is typically deeper in October following the dry months and is shallower in March following the wetter winter months. The groundwater flow direction in the vicinity of the site is generally easterly; however, the flow direction may vary from northeasterly to southeasterly.

Water supply wells are located between ½ and 1 mile east (downgradient) of the property, as shown in the Appendix B (see map on page A-9 of the EDR Report). The total depth of these wells range from approximately 25 feet to 50 feet bgs. The City of Ukiah recently installed another water supply well (Well #8) near the intersection of Oak Manor Drive and Mohawk Dr. This well is located approximately ½ mile east-southeast from the Property, and has a well screen interval from 120 to 290 feet bgs.

### **3.5 HISTORICAL USE INFORMATION ON THE PROPERTY**

#### **3.5.1 Sanborn Fire Insurance Maps**

Sanborn Fire Insurance maps are produced for the Sanborn Company to assess fire risks of properties. The maps typically show the property, surrounding property, buildings, and other



features. Because the maps deal principally with structures, the map coverage is typically restricted to urban areas. Fire insurance maps are available for approximately 12,000 United States cities and towns from 1852 to the present. The maps were updated approximately every 10 years. By reviewing a series of these maps, a site history may be developed. WESTON reviewed Sanborn Fire Insurance maps for the area of the Property from the years: 1893, 1898, 1911, 1929, 1941, and 1960. Copies of reviewed Sanborn Fire Insurance maps are included in Appendix C.

**1893:**

The eastern, southeastern, and southern portions of the Property are not included within the coverage of this map. The only structure indicated on the map is a relatively small building at the west-central portion of the Property, which is identified as a S.F. & N.P. R.R. [San Francisco and Northern Pacific Railroad] depot. The depot includes a raised platform on the west, east, and south sides of the building. Four railroad lines; identified from west to east as side track, side track, main track, and side track; are located adjacent west of the depot building. Perkins Street is identified at its current location.

**1898:**

No apparent changes from the previous 1893 map except:

- The entirety of the portion of the Property north of Gibson Creek is included within the map boundaries although no structures are indicated in this area.
- Gibson Creek is identified at its existing location.
- The depot building is identified as California & Northwestern Railway Passenger Depot and the office/waiting room is indicated at the northern portion of the building.

**1911:**

The depot building, observed in the 1893 and 1898 maps appears to have been expanded to the north and now includes an additional office room and baggage area. A relatively small tool house is identified east of the baggage area. In addition the platform has been extended to the south along the railroad side track. The easternmost side track, located adjacent to the depot, has been reconstructed so that it no longer converges with the main track on the south side of Perkins Street but instead continues parallel to the main track for the extent of the map.

A railroad spur is now indicated at the northwestern portion of the Property. The spur enters the Property from the northwest corner and extends towards the southeast to at least the central portion of the Property. The eastern and southern portions of the Property are not included within the map boundaries. South of Gibson Creek, four long platforms are located along both sides of the spur and are labeled as the Ukiah Lumber & Warehouse Company. A Lumber Shed is identified east of the platforms and south of Gibson Creek. North of Gibson Creek, a Planing Mill is identified at the central portion of the area and a relatively small office building is identified at the western portion. No additional structures are indicated on the Property.

**1929:**

No significant changes from the previous 1911 map except:

- The lumber facilities indicated on the 1911 map (i.e., platforms, shed, office, planing mill) are not indicated on the 1929 map.
- Gibson Creek is not indicated on the 1929 map.
- The former depot building, as identified in the 1911 map, has been expanded to the south. The building is not identified as a freight building with a ticket office occupying the northern portion. The ticket office portion is labeled ‘to be torn down.’
- A new building has been constructed to the north of the freight building and is identified as the Northwest Pacific Railroad Passenger Depot. This building appears to be the existing Passenger Depot Building. The building includes a platform along its east side.
- The rail spur identified in the 1911 map is now observed to continue southeast to the eastern Property boundary and then south along the boundary to the extent of the map coverage area.
- An asphalt plant is identified at the east-central portion of the Property between the rail spur and the Ukiah Municipal Gas Works facility [Old Leslie Street Gas Plant site]. The asphalt plant includes four small structures and a platform. One of the structures is identified as a dryer with an iron chimney. An area adjacent to this structure is labeled as ‘fuel oil on ground.’
- A rail spur has been constructed at the central portion of the Property. This spur splits from the spur indicated in the 1911 map at the northwestern portion of the Property and extends south to the southern portion of the Property.
- A new building has been constructed in the central portion of the Property, east of the freight building and adjacent west to the new rail spur. This building is identified as Pacific Fruit Exchange fruit packing facility and includes a platform along the rail spur.
- A new building has been constructed at the south-central portion of the Property adjacent west to the new rail spur. This building is identified as the Pioneer Fruit Company fruit packing facility and includes platforms along the rail spur and on the south side of the building.
- A stock yard is identified at the southwestern portion of the Property. No structures are indicated within the stock yard.
- A 25 foot tall railroad water tank and a small structure with an apparent boiler are identified at the southeastern portion of the Property, adjacent west to the southern portion of the Union Oil Company property [Unocal Bulk Plant #8013 site].

**1941:**

No significant changes from the previous 1929 map except:

- The ticket office portion of the freight building, identified in the 1929 map, appears to have been removed.
- The two fruit packing building identified in the 1929 map at the central portion of the Property are no longer indicated. A new larger building is identified in this area as the Pacific Fruit Exchange fruit packing facility. The building includes a platform on the east side of the building, adjacent to the rail spur.
- A building is indicated adjacent south of the stock yard identified in the 1929 map. This building is identified as the Lambert Fruit Packing & Marketing Company and includes a box storage area at the north. Scales are identified adjacent east to the building.
- The asphalt plant identified in the 1929 map is not indicated on the 1941 map; however, the fuel oil structure is still indicated at its same location.

**1960:**

No significant changes from the previous 1941 map except:

- The Pacific Fruit Exchange fruit packing facility located at the central portion of the Property has been significantly expanded to the east covering the area formerly occupied by the adjacent rail spur. A new rail spur is indicated along the eastern side of the expanded portion of the facility.
- A new rail spur is identified at the east-central portion of the Property, east of the fruit packing rail spur that extends south to the small boiler building.
- The water tank identified in the 1941 map has been deleted from the 1960 map. A relatively small unidentified structure is indicated adjacent north of the former water tank location.
- The fuel oil structure identified on the 1941 map in the former asphalt plant area is not indicated on the 1960 map.
- The building at the southwestern portion of the Property identified as the Lambert Fruit Packing facility in the 1941 map has been expanded with several loading platforms and a conveyor. The stock yard previously identified north of the facility is no longer indicated. The facility is identified as the Heggeblade-Marguleas Company fruit packing facility on the 1960 map.

Based on the reviewed historical Sanborn Fire Insurance Maps, the Property appears to have been used historically for passenger and freight railroad activities at the west, northwest, and central portions from at least 1893 to 1960; lumber production activities at the northern portion in at least 1911; for asphalt production at the east-central portion in at least 1929; and for fruit packing activities at the central and southwestern portions from at least 1929 to 1960.

Because a planing mill was historically located at the northern portion of the Property in at least 1911, there is a potential for hazardous materials associated with planing equipment, primarily petroleum hydrocarbons, to have impacted soils and/or groundwater in this area.

Since an asphalt plant and adjacent fuel tank were formerly located at the east-central portion of the Property from at least 1929 to 1941, there is a potential for hazardous materials associated with asphalt production and fuel storage, primarily petroleum hydrocarbons, to have impacted soils and/or groundwater in this area.

Given that a railroad spur was located along the eastern property boundary, adjacent to several bulk petroleum facilities, and since a platform from one of these facilities extended on to the subject Property, there is a high potential that this spur was used to allow rail cars access to the bulk petroleum facilities for the purposes of petroleum transfer. Based upon this information, there is a potential for petroleum-carrying rail cars, associated piping, and/or petroleum transfer operations to have released petroleum hydrocarbons to site soils and/or groundwater near the eastern Property boundary.

Since a fruit packing facility that utilized a conveyor system was formerly located at the southwestern portion of the Property in at least 1960, there is a potential for hazardous materials associated with the conveyor system, primarily petroleum hydrocarbons, to have impacted soils and/or groundwater in this area.

### **3.5.2 Aerial Photographs**

Aerial photographs and satellite imagery assist in identifying the land use of the site. Features of the site and surrounding properties, such as buildings, bodies of water, etc., may be visible in the aerial photographs. Reviewing a series of years of aerial photographs creates a land use history of the site. Copies of reviewed historical aerial photographs are included in Appendix D.

WESTON reviewed historical aerial/satellite imagery supplied by Cartwright Aerial Survey, EDR, and Google Earth. Historical aerial/satellite imagery was reviewed for the years 1957, 1963, 1974, 1981, 1987, 1993, 1998, and 2005. In addition, WESTON reviewed two oblique-angle aerial photographs provided by the Mendocino County Historical Society that appeared to have been taken between 1974 and 1981. The following discussion presents changes identified from the review of the photographs.

#### **1957 (EDR):**

A building is located at the northwestern portion of the Property that appears consistent with the existing Passenger Depot Building. Adjacent south of the building, at the approximate location of the existing Warehouse Building, is a structure that appears to be consistent with the freight depot building identified in the 1960 Sanborn Fire Insurance Map. This building is not structurally consistent with the existing Warehouse Building. Southeast of the freight depot building is a relatively large structure that appears consistent with the former Pacific Fruit Exchange fruit packing building identified in the 1960 Sanborn Map. Southwest of this building is a structure that appears consistent with the former Heggeblade-Marguleas Company fruit packing building identified in the 1960 Sanborn Map. The building appears to have a raised

platform at near the northwest corner and a lower platform set off from the southeast side of the building. Two relatively small structures, consistent with the small boiler building and unidentified structure on the 1960 Sanborn Map, are discernable at the central portion of the Property. No structures are discernable on the portion of the Property north of Gibson Creek.

Numerous linear features are located throughout various portions of the Property and appear to be consistent with railcars and/or tractor trailers. Several lineations in vegetative patterns are seen extending from the northwestern portion of the Property towards the southeast. However, due to the resolution of this photograph, it is not clear which of these lineations represent dirt roads and which are rail spurs. There is no indication of a turntable or roundhouse at the south-central portion of the Property.

#### **04 August 1963 (Cartwright):**

No discernable significant changes from the 1957 aerial photograph except:

- The two platforms associated with the fruit packing building at the southwest corner of the Property are not present. In addition, a relatively large enclosed ‘yard’ appears to have been developed adjacent south of the building. A relatively small and tall unidentifiable structure is located at the west-central portion of the yard.
- Due to the higher resolution of this image, the rail spurs on the Property are more discernable than in the previous 1957 image. The rail spurs are consistent with those identified in the 1960 Sanborn Map and are located adjacent east of the central fruit packing building, approximately 50 feet east of the central fruit packing building, and along the eastern property boundary. The center spur extends to the southern portion of the Property and appears to terminate at the approximate location of the former turntable, although the turntable structure is not discernable on this image. An apparent depression is located adjacent south of the terminus at the approximate center of the turntable structure identified during the site visit. Although the rail spur lineations are discernable, the actual rails themselves are not, and it is not apparent if the rails were actually present at the time of the photograph.
- Several small unidentifiable structures are located at the east-central portion of the Property between the central and eastern rail spurs.
- Eight railcars are located on the eastern spur adjacent to the off-site bulk petroleum facilities.

#### **1974 (EDR):**

No discernable significant changes from the 1963 aerial photograph except:

- The freight depot building observed in the 1963 aerial photograph at the west-central portion of the Property has been replaced with the slightly larger existing Warehouse

Building. The existing building extends slightly further to the south than the former freight depot building.

- The fruit packing building observed in the 1963 aerial photograph at the southwestern portion of the Property has been replaced with the significantly smaller existing Shop Building. The existing building is situated in the approximate area of the southern half of the former fruit packing building. A small structure is discernable approximately 75 south-southwest of the warehouse building. This structure is consistent with the structure observed in the ‘yard’ of the former fruit packing building in the previous 1963 image.
- An approximately 2,500 square-foot building is located at the northeastern portion of the Property, on the north side of Gibson Creek, at the location of the existing bank parking lot. The nature of this building is not discernable in the image.
- The central and east rail spurs observed in the 1963 aerial photograph have been removed and two new parallel lineations, which are consistent with rail spurs, are located at the central portion of the Property. These lineations trend slightly more easterly than the former spurs and terminate at the southeastern corner of the Property.
- An anomalous feature is located at the north-central portion of the Property, south of Gibson Creek, approximately 125 feet east of the Passenger Depot Building. Due to the quality of this photograph, the details of this feature were not discernable; however, the basic shape and height is consistent with a slightly-raised platform.

#### **Undated Photograph (Mendocino County Historical Society):**

Two undated photographs were obtained by WESTON from the Mendocino County Historical Society. Based upon the locations of structures, shadows, and parked vehicles; the two photographs appear to have been collected during the same flight. By comparing the structures observed in these photographs to the dated aerial photographs obtained from other sources, it can be determined that these photographs were collected between approximately 1974 and 1981. The area captured by the photographs includes only the northern half of the Property.

No discernable significant changes from the 1974 aerial photograph except:

- The building located on the northeastern portion of the Property, north of Gibson Creek has been expanded to the south. The building appears to be a commercial building and includes parking lots on the north and west sides.
- Locomotives are present on the side track adjacent to the Passenger Depot Building.
- A low platform structure is apparent at the location of the anomalous feature observed in the previous 1974 aerial photograph at the northern portion of the Property adjacent to the rail spurs. No tanks or other significant structures appear to be located on the platform.

- The rails on the rail spurs at the northern portion of the Property are apparent in this photograph.

**26 June 1981 (Cartwright):**

No discernable significant changes from the 1974 aerial photograph and/or the undated photographs except:

- The commercial building observed in the previous photographs at the northeastern portion of the Property, north of Gibson Creek, is not present; however, the previously observed parking lots are still apparent. In addition, the area adjacent west of this area is being utilized for vehicle parking.
- The small unidentifiable structures previously observed at the east-central portion of the Property between the former rail spurs are not present.

**1987 (EDR):**

This aerial photograph was not of sufficient quality to provide any significant information regarding usage of the Property.

**11 June 1993 (Google Earth):**

No discernable significant changes from the 1981 aerial photograph except:

- The large fruit packing facility that was formerly located at the central portion of the Property is not present. No significant structures or debris piles are discernable in the area of the former building.
- The lineations for the rail spurs located at the central and eastern portions of the Property are apparent; however, due to the resolution of this photograph it is not clear if the rails are still present.

**1998 (EDR):**

No discernable significant changes from the 1993 aerial photograph except:

- The northeastern corner of the Property, north of Gibson Creek, appears to have been paved. The paved area is apparently a parking lot for the commercial building located adjacent east to this area of the Property.

**30 August 2005 (Google Earth):**

No discernable significant changes from the 1998 aerial photograph except:

- The portion of the Property located north of Gibson Creek is occupied by the previously observed parking lot at the east; by a new small ‘L-shaped’ building and a new small

rectangular building with accompanying parking lot at the center; and an apparent public park at the west.

- There is no indication of the low platform formerly observed at the central-north portion of the Property.
- The rail spurs do not appear to be in use and no rails are apparent.

Based on the reviewed historical aerial/satellite imagery, the Property appears to have been used historically for passenger railroad activities from at least 1957 to 1974 at the west-central portion; for warehousing activities at the southwestern portion from at least 1957 to 1963; for rail bulk petroleum transfer and transport at the east, north-central, and northwest portions from at least 1957 to 1963; for warehousing activities that included rail service at the central portion from at least 1957 to 1981; for commercial activities at the northeast portion, north of Gibson Creek, in at least 1974; for light industrial activities at the west-central and southwest portions since at least 1974; for vehicle parking at the northeast portion, north of Gibson Creek, since at least 1981; and for commercial activities at the north-central portion, north of Gibson Creek, since at least 2005.

Since a railroad spur was located along the eastern property boundary, adjacent to several bulk petroleum facilities, between at least 1957 and 1963, and since railcars were observed stationed on this spur, there is a potential that this spur was used to allow rail cars access to the bulk petroleum facilities for the purposes of petroleum transfer. Based upon this information, there is a potential for petroleum hydrocarbons to have been released to site soils and/or groundwater near the eastern property boundary from petroleum-carrying rail cars, associated piping, and/or petroleum transfer operations.

Since light industrial activities appear to have occurred within the existing Warehouse Building and Shop Building since at least 1974, and since the specific operations conducted within these buildings are not known, there is a potential that these activities involved the use and/or storage of hazardous substances. Based upon this information, there is a potential for hazardous substances to have been released to site soils and/or groundwater in these areas.

### **3.5.3 USGS Topographic Maps**

USGS Topographic Maps assist in identifying the past land use of the site. Features of the site and surrounding properties, such as buildings, bodies of water, agriculture, etc., may be indicated on the topographic maps. WESTON reviewed historical topographic maps supplied by EDR for the vicinity of the Property for the years 1947, 1958, and 1975 (photorevised). The following discussion presents descriptions of the site based upon the review of the topographic maps. Copies of reviewed historical USGS topographic maps are included in Appendix E.

#### **1947 (1:50,000 scale):**

The subject Property is designated on the topographic map to be within the city of Ukiah urban area. As such, only structures of significant note are typically indicated. A structure is noted at the northwest portion of the Property, which appears consistent with the location of the



Passenger Depot Building. The railroad line is indicated at its existing location. No additional structures are indicated within the boundaries of the Property. Gibson Creek is identified on the map to transect the northern portion of the Property. Clay Street is indicated on the map to transect the property from the east end of its existing location, northeast, and then north to intersect with Perkins Street near the Passenger Depot Building.

**1958 (1:24,000 scale):**

The subject Property is designated on the topographic map to be within the city of Ukiah urban area. As such, only structures of significant note are typically indicated. A structure is noted at the northwest portion of the Property, which appears consistent with the location of the Passenger Depot Building. The railroad line and the adjacent side tracks are indicated at their existing locations. Four rail spurs are indicated at the central and eastern portions of the Property. The locations of these spurs are not precisely consistent with the spurs identified in WESTON's review of historical aerial photographs and Sanborn Fire Insurance Maps. The two most prominent spurs appear to correlate to the spurs that were reconstructed to trend slightly more towards the southeast. No additional structures are indicated within the boundaries of the Property. Gibson Creek is identified on the map to transect the northern portion of the Property. Clay Street is indicated to transect the Property as shown on the 1947 topographic map.

**1958 (1:62,500 scale):**

The resolution of this topographic map is low; however, the map appears to be consistent with the 1958 (1:24,000) map.

**1975 (1:24,000 scale):**

The subject Property is not located with the designated urban area on this topographic map. Four structures are indicated on the map that appear to be consistent with the existing Passenger Depot Building, the existing Warehouse Building, the existing Shop Building, and the former central fruit packing building. The main railroad line and the adjacent side tracks are indicated at their approximate existing locations. Two rail spurs, which are approximately consistent with those observed in the 1974 aerial photograph, are indicated at the central portion of the Property. No additional structures are indicated within the boundaries of the Property. Gibson Creek is identified on the map to transect the northern portion of the Property. Clay Street is indicated to transect the Property as shown on the 1958 topographic map.

No evidence was found during WESTON's review of historical topographic maps that indicated a likely potential for on-site activities to have impacted the soils, surface water, or groundwater at the Property.

### **3.5.4 Mendocino County Historical Society**

In December 2010, WESTON conducted a records search at the Mendocino County Historical Society for historical information on the Property. Although records relating to the Property were limited, several documents were obtained that may assist in identifying the past land use of the Property. These records were filed under the property address 305 E. Perkins Street. A summary

of relevant documents is provided below and the original documents in their entirety are provided in Appendix F.

- An article titled “New Roundhouse to be Constructed Soon” was published in the Dispatch Democrat on 26 July 1918. This article indicated that workmen were demolishing an old roundhouse located near the local railroad depot [approximate location of existing Warehouse Building]. A new larger roundhouse was planned to be constructed southeast of the depot. In addition, this article indicated that the ‘rumor’ was that the site of the old roundhouse would be the location for Ukiah’s new depot building.
- An article titled “New Turntable will be Built in Yards” was published in the Ukiah Republican Press on 12 March 1930. This article indicated that an announcement had recently been made by the Northwestern Pacific Railroad that gas cars would soon be operated on the run between Ukiah and Sausalito. Workmen were scheduled to arrive on ‘the first of the week’ to begin the installation of a new eighty-foot diameter, all steel turntable at the Ukiah depot.

### **3.6 HISTORICAL USE INFORMATION ON THE ADJOINING PROPERTIES**

The objective of consulting historical sources regarding adjoining properties is to develop a history of the previous uses and/or occupancies of the adjoining properties. The history of previous uses only includes information revealed during the investigation of the site uses. Some of the factors affecting the amount of information included are: the extent of reasonably ascertainable information, the time and cost reviewing the adjoining property uses, and the usefulness, accuracy and completeness of the information. The information in the following subsections was noted during the review.

#### **3.6.1 Sanborn Fire Insurance Maps**

Sanborn Fire Insurance maps are produced for the Sanborn Company to assess fire risks of properties. The maps typically show the property, surrounding property, buildings, and other features. Because the maps deal principally with structures, the map coverage is typically restricted to urban areas. Fire insurance maps are available for approximately 12,000 United States cities and towns from 1852 to the present. The maps were updated approximately every 10 years. By reviewing a series of these maps, a site history may be developed. WESTON reviewed Sanborn Fire Insurance maps for the area of the Property from the years: 1893, 1898, 1911, 1929, 1941, and 1960. Copies of reviewed Sanborn Fire Insurance maps are included in Appendix C.

#### **1893:**

The 1893 map does not include the areas adjacent east and south to the Property. The Property is bound to the north by Perkins Street with several dwellings identified along the north side of Perkins Street. The Property is bound to the west by railroad lines that include three side tracks and the main track. The westernmost side track terminates prior to crossing Perkins Street. The three remaining tracks converge immediately south of Perkins Street. West of the railroad tracks, the Ukiah Planing Mill & Building Company lumber facility is located on the north side of Clay

Street. In addition, several small buildings are located along the south side of Perkins Street and are identified as a saloon, a dwelling, a shed, and a stable. These buildings are located near the terminus of the western side track. The area to the west of the Property and south of Clay Street is not included within the map boundaries.

**1898:**

No significant changes from the previous 1893 map with regard to adjacent properties except:

- The Ukiah Planing Mill & Building Company facility is identified as Geo. McCowen's Lumber Yard.
- The existing bank property, located northeast of the subject Property, is included within the map boundaries and is occupied by a residential building, outbuilding, and water tank.
- The northern portion of the existing Leslie Street is within the map boundaries but is not indicated on the map.

**1911:**

No significant changes from the previous 1898 map with regard to adjacent properties except:

- The property previously identified as the Geo. McCowen's Lumber Yard appears to have been redeveloped and is now identified as the LaPorte Planing Mill, which includes lumber platforms, lumber sheds, a lime storage area, and a planing mill.
- The properties located adjacent west of the railroad and south of Clay Street [area previously not within map boundaries] are occupied by the Ukiah Steam Laundry facility, dwelling, and a Wine Storage building.
- A dwelling is now identified west of the saloon/restaurant building on the property located west of the railroad along the south side of Perkins Street.
- The property adjacent-east of the east-central portion of the Property [south and central portions of the Old Leslie Street Gas Plant site] is occupied by the Ukiah Gas Works facility, which includes a 20,000 cubic foot gas holder, a 20,000 gallon ground-mounted oil tank, and a small building that includes a purifier area and a scrubber/generator area.

**1929:**

No significant changes from the previous 1911 map with regard to adjacent properties except:

- The property located on the north side of Perkins Street and adjacent to the railroad is occupied by the Ukiah Farmers Club, which includes a planing mill, a lumber shed, lumber storage areas, and a warehouse.
- A new garage and two outbuildings are indicated on the property northeast of the Property and adjacent north to Gibson Creek [existing automotive service facility].

- The building at the northeast corner of the Ukiah Municipal Gas Works facility is indicated to include a gas machinery area and a shop. Two pressure tanks and a compressor building are indicated at the northwest corner of the facility. The oil tank identified in the 1911 map is now indicated as a 15,000 gallon crude oil tank on ground. An electric gas booster pump and pipe shed are indicated at the east-central portion of the facility. A garage and storage building are indicated at the southeast corner of the facility.
- The adjacent south parcel to the Gas Works facility [Golden Gate Petroleum property] is occupied by a storage building, which includes a platform at the west side that extends on to the subject Property.
- The Unocal Bulk Plant #8013 property is occupied by the Union Oil Company facility. The facility includes a building at the east-central portion of the property identified as a garage, office, and warehouse. Four steel oil tanks are identified at the west-central portion of the facility, adjacent to the subject Property boundary and rail spur.
- The property south of the Union Oil Company facility [DZ, Inc. site] is occupied by the Shell Oil Company facility. The facility includes a warehouse at the northwest corner, an auto repair garage at the northeast corner, an office at the southeast corner, a platform along the western property boundary and a drum rack at the southwest corner. In addition, three steel oil tanks and a 40-gallon chemical tank are indicated at the south-central portion of the facility.
- The property south of the Shell Oil facility is identified as the General Petroleum Company facility and includes a warehouse and platform along the western property boundary and a steel oil tank at the southeast corner of the property.
- The LaPorte Planing Mill facility, which was identified in the 1911 map west of the Property on the north side of Clay Street, is not indicated on the 1929 map. The western portion of this property is occupied by the Holz Company general warehouse. Adjacent north to the warehouse, a new building is identified as the American Fruit Growers fruit packing facility. Both of these buildings have platforms located on their east side, adjacent to the side track.
- The property identified as the Ukiah Steam Laundry facility in the 1911 map is identified as vacant on the 1929 map; however, a fuel oil tank is identified at the east-central portion of this property. The building formerly identified as a wine storage facility has been expanded to the south and is now identified as a fruit packing house.

**1941:**

No significant changes from the previous 1929 map with regard to the site-adjacent properties except:

- The Ukiah Municipal Gas Works facility [Old Leslie Street Gas Plant site] has been expanded to include several new ASTs including a large gas holder tank at the south-central portion, two purifier tanks at the central portion, and two scrubber tanks at the

north-central portion. The area formerly identified for gas machinery is now indicated as a boiler room and the area formerly identified as a shop is now indicated as the gas machinery area. In addition the compressor house has been expanded to the east and a new structure, identified as a meter room, is located south of the compressor house.

- The Shell Oil Company facility [DZ, Inc. site] has been expanded with a new AST located at the southwest corner of the facility, adjacent south to the drum rack. In addition, the chemical tank identified in the 1929 map is no longer indicated.
- The General Petroleum Company facility, which is located adjacent south of the Shell Oil facility, has been expanded to include a second oil AST at the southeastern corner and a new platform at the east-central portion. The warehouse building has been expanded to the north.
- The property located west of the Holz Company warehouse building on the north side of Clay street is identified with several new structures including a garage, a dwelling, a trucking terminal and warehouse, an implementation shed, and a paint storage area.
- The property formerly identified as the Ukiah Steam Laundry facility in the 1911 map is identified as an Auto Court with ten apartments. The fuel AST is not indicated on the 1941 map. The adjacent fruit packing building is now identified as the M. Vonsen Company hay and grain storage facility.

#### **1960:**

No significant changes from the previous 1941 map with regard to the site-adjacent properties except:

- The planing mill identified in the 1941 map on the north side of Perkins Street is identified on the 1960 map as a warehouse.
- All of the structures and ASTs identified in the 1941 map at the Ukiah Municipal Gas Works facility [Old Leslie Street Gas Plant] are not indicated on the 1960 map except for the compressor house and meter room. The facility has been expanded to the north where two 12,000-gallon and two 30,000-gallon high pressure propane tanks are now identified. In addition, three 7,000-gallon low pressure propane tanks, a purifier tank, and a water heater are indicated at the southern portion of the facility.
- The storage building and platform that were indicated on the 1941 map at the property south of the Gas Works facility [Golden Gate Petroleum property] are not indicated on the 1960 map. An oil tank is identified at the southwest corner of this property.
- At the Shell Oil Company facility [DZ, Inc. site] the drum rack, platform, and warehouse identified on the 1941 map have been removed. Two new unidentified ASTs are indicated at the southwest corner of the facility and an oil warehouse is identified at the west-central side of the facility along the subject Property boundary.

- Two new ASTs are indicated at the south-central portion of the General Petroleum Corporation facility, which is located adjacent south of the Shell Oil facility. In addition, the warehouse is identified on the 1960 map as an oil warehouse.
- The property located adjacent south of the General Petroleum Corporation property has been developed on the 1960 map to include two steel fuel tanks at the north-central portion of the facility and three steel oil tanks at the west-central portion of the property. One of these three tanks is indicated to extend onto the subject Property. In addition, the property includes several unidentified structures and a platform.
- The property located west of the subject Property along the north side of Clay Street, which was identified in the 1941 map as the Holz Company warehouse building has been expanded to incorporate the adjacent property to the west. The new facility, which is identified as the Holz Company Farm Equipment and Supplies, includes an equipment repair building, a welding and machine shop, several implementation sheds, an oil storage area, and a paint storage area.
- The fruit packing facility identified in the 1941 map to the north of the Holz Company facility is identified on the 1960 map as being vacant. Two additional vacant building and a garage are now indicated to the north of this building, approximately west from the passenger depot on the subject Property.
- The property located west of the subject Property along the south side of Clay Street, which was identified in the 1941 map as a hay/grain storage facility and a dwelling, is no longer shown with any structures except for a small dwelling and three outbuildings at the southern portion of the property.

Based on the reviewed historical Sanborn Fire Insurance Maps, the properties located adjacent north of the Property appear to have primarily been historically used for residential, lumber production, and warehousing activities; the properties located adjacent west of the Property appear to have primarily been historically used for residential, food service, fruit packing, commercial laundering, trucking, and farm equipment manufacturing/service activities; and the properties located adjacent east of the Property appear to have primarily been historically used for residential, gas manufacturing, and bulk oil storage activities.

The property located west of the central portion of the subject Property on the north side of Clay Street, has historically been used for lumber production, trucking, farm equipment manufacturing/repair, and machining/welding activities. There is a potential that these operations included the use of hazardous substances, primarily petroleum hydrocarbons and VOCs, which may have impacted subsurface soils and/or groundwater beneath the property and subsequently migrated to the groundwater beneath the subject Property.

The property located west of the central portion of the subject Property on the south side of Clay Street, has historically been used for commercial laundering activities and included a fuel AST. There is a potential that petroleum hydrocarbons associated with this AST impacted subsurface soils and/or groundwater beneath the property and subsequently migrated to the groundwater

beneath the subject Property. Since the laundering facility ceased operations at the property prior to 1929, it is unlikely that VOCs would have been utilized at the facility.

The property located north of the subject Property on the north side of Perkins Street, has historically been used for lumber production activities. There is a potential that these operations included the use of hazardous substances, primarily petroleum hydrocarbons, which may have impacted subsurface soils and/or groundwater beneath the property and subsequently migrated to the groundwater beneath the subject Property.

The property located adjacent east of the central portion of the subject Property [Old Leslie Street Gas Plant] was historically used for gas manufacturing activities. There is a potential that hazardous substances associated with these activities, primarily petroleum hydrocarbons, to have impacted subsurface soils and/or groundwater beneath the property and subsequently migrated to the soils and/or groundwater at the subject Property.

The properties located adjacent east of the central and southern portions of the subject Property [Unocal Bulk Plant #8013 site, DZ Inc. site, Golden Gate Petroleum property] were historically used for bulk petroleum storage activities. There is a potential that hazardous substances associated with these activities, primarily petroleum hydrocarbons, to have impacted subsurface soils and/or groundwater at the properties and subsequently migrated to the soils and/or groundwater at the subject Property.

### **3.6.2 Aerial Photographs**

Aerial photographs and satellite imagery assist in identifying the land use of the site. Features of the site and surrounding properties, such as buildings, bodies of water, etc., may be visible in the aerial photographs. Reviewing a series of years of aerial photographs creates a land use history of the site. Copies of reviewed historical aerial photographs are included in Appendix D.

WESTON reviewed historical aerial/satellite imagery supplied by Cartwright Aerial Survey, EDR, and Google Earth. Historical aerial/satellite imagery was reviewed for the years 1957, 1963, 1974, 1981, 1987, 1993, 1998, and 2005. In addition, WESTON reviewed two oblique-angle aerial photographs provided by the Mendocino County Historical Society that appeared to have been taken between 1974 and 1981. The following discussion presents changes identified from the review of the photographs.

#### **1957 (EDR):**

The adjacent properties to the north are occupied by: a relatively open lot with several small unidentifiable structures and/or vehicles (west); a relatively large warehouse-type building (center); and residential buildings (east).

The adjacent east properties located north of Gibson Creek are occupied by apparent residential buildings. The adjacent east properties located south of Gibson Creek along Leslie Street are occupied by facilities generally consistent with those identified in the 1960 Sanborn Fire Insurance Map and include from north to south:

- A propane storage facility [Old Leslie Street Gas Plant site], which includes several large linear tank structures and a small building at the north, and several small unidentifiable structures at the south.
- A primarily vacant lot with a single AST at the southwest corner [Golden Gate Petroleum property].
- A bulk petroleum facility [Unocal Bulk Plant #0813 site] that includes five ASTs aligned along the western property line, a warehouse-type building at the east-central portion, and a small unidentifiable structure at the central portion.
- A bulk petroleum facility [DZ, Inc. site] that includes buildings at the west-central, northwest, and northeast corner; an AST located adjacent south of the west-central building, a small unidentifiable structure at the east-central portion; and six ASTs aligned along the southern parcel boundary.
- A bulk petroleum facility that includes a warehouse-type building at the northwest corner, a small unidentifiable structure at the east-central portion, and four ASTs generally located at the southeast corner. In addition, two ASTs are located at the north-central portion of the adjacent south parcel that appear to be associated with this facility.
- An apparent bulk petroleum facility that includes several unidentifiable structures at the southwest portion and three linear tank-type structures at the southeast portion.

Due to the similarity of the structures occupying these adjacent-east properties and due to the resolution level of this photograph, the precise boundaries between the different facilities are not readily apparent.

The adjacent properties to the south are occupied by agricultural land. The majority of the area is occupied by orchards; however, an apparent agricultural pond and several small structures are located adjacent to the south-central portion of the Property.

The adjacent properties to the west are occupied by facilities generally consistent with the 1960 Sanborn Fire Insurance Map and include: several relatively small warehouse-type buildings to the north; a moderately-sized warehouse-type building and a relatively large ‘L-shaped’ warehouse-type building at the central area; and a primarily vacant lot with a small residential building at the south.

#### **04 August 1963 (Cartwright):**

No discernable significant changes from the 1957 aerial photograph except:

- A second AST is now located adjacent north to the AST located at the southwest corner of the primarily vacant parcel, which is located adjacent south to the propane storage facility [Golden Gate Petroleum property]. In addition, a small unidentifiable structure is located at the south-central portion of this parcel.



**1974 (EDR):**

No discernable significant changes from the 1963 aerial photograph except:

- The parcel located adjacent east of the Property and north of Gibson Creek has been redeveloped and is now occupied by a single commercial-type building that is situated at the southeastern portion of the parcel.
- The propane storage facility, which was previously identified adjacent east of the Property and south of Gibson Creek [Old Leslie Street Gas Plant], is not present. Although several small unidentifiable structures and miscellaneous debris are discernable on the property, all of the major buildings and ASTs have been removed.
- The eastern portion of the properties located adjacent south to the Property have been redeveloped into residential lots, which appear to be occupied by manufactured homes. The western portion is occupied by primarily vacant land with no discernable agricultural activities.
- The two relatively small warehouse-type buildings that were formerly identified on the property adjacent west to the Property and generally across the main rail line from the Passenger Depot Building, are not present in this image. The area formerly occupied by these buildings is occupied by vacant land.

**Undated Photograph (Mendocino County Historical Society):**

Two undated photographs were obtained by WESTON from the Mendocino County Historical Society. Based upon the locations of structures, shadows, and parked vehicles; the two photographs appear to have been collected during the same flight. By comparing the structures observed in these photographs to the dated aerial photographs obtained from other sources, it can be determined that these photographs were collected between approximately 1974 and 1981. The area captured by the photographs includes only the northern half of the Property.

No discernable significant changes from the 1974 aerial photograph.

**26 June 1981 (Cartwright):**

No discernable significant changes from the 1974 aerial photograph and/or the undated photographs except:

- The parcel located adjacent east of the northeast corner of the Property, along the south side of Perkins Street, is occupied by a relatively large commercial building and parking lot.
- The adjacent east property formerly occupied by the propane storage facility [Old Leslie Street Gas Plant site] is occupied by vacant land with no apparent structures or miscellaneous debris.

- The adjacent east property formerly occupied by a bulk petroleum facility that included five ASTs [Unocal Bulk Plant #0813 site] has been redeveloped. The previously observed warehouse-type building at the east-central portion of the property is still apparent; however, the five vertical ASTs have been removed. In the area of the former ASTs, seven unidentifiable rectangular structures are apparent. In addition, numerous vehicles are located on the property and two relatively small unidentifiable structures are located adjacent west of the warehouse building.
- The apparent manufactured home park located adjacent south of the Property has been expanded slightly towards the west. An area of undeveloped land is still apparent on the properties located south of the southwest corner of the subject Property.
- An apparent commercial facility has been developed on the property located adjacent west of the subject Property along the south side of Perkins Street. The facility is paved and includes several relatively small buildings.

**1987 (EDR):**

This aerial photograph was not of sufficient quality to provide any significant information regarding usage of the adjoining properties.

**11 June 1993 (Google Earth):**

No discernable significant changes from the 1981 aerial photograph except:

- The adjacent-east property [Golden Gate Petroleum property], which is located south of the former propane storage facility, has been redeveloped. The two ASTs formerly located at the southeast corner of this parcel have been removed. No discernable structures remain on the property.
- The adjacent-east property formerly occupied by a bulk petroleum storage facility [DZ, Inc. site] has been redeveloped. The vertical ASTs formerly located at the southern and southwestern portions of the parcel have been removed. The two buildings located at the northwest and southeast corners are still apparent.
- The adjacent-east property formerly occupied by a bulk petroleum storage facility [parcel adjacent south of the DZ, Inc. site] has been redeveloped. The vertical ASTs formerly located at the southeast corner of the parcel have been removed; however, the building located at the northwest corner of the parcel is still apparent.
- The property located adjacent east to the southeast corner of the subject Property [the southernmost of the former bulk petroleum facilities] is now occupied by an additional unidentifiable linear structure at the southwest corner of the parcel. The two ASTs formerly located at the north-central portion of this parcel have been removed.

- All of the adjacent-south properties are now occupied by residential buildings associated with the apparent manufactured home complex.
- The property located adjacent west to the southwestern portion of the subject Property, south of Clay Street, has been redeveloped with a moderately sized commercial-type building.
- The property located adjacent west to the northwestern portion of the subject Property, south of Perkins Street, has been redeveloped. At least the two smaller buildings have been removed. In addition, it appears that the commercial building at the northeastern portion of this property has been either replaced or remodeled.

**1998 (EDR):**

No discernable significant changes from the 1993 aerial photograph except:

- The adjacent-east property formerly occupied by a bulk petroleum storage facility [Unocal Bulk Plant #0813 site] is apparently occupied by clear vacant land except for the warehouse-type building at the east-central portion of the property.

**30 August 2005 (Google Earth):**

No discernable significant changes from the 1998 aerial photograph except:

- The adjacent-east property formerly occupied by a bulk petroleum storage facility [DZ Inc, site] has a large number of apparent vehicles throughout the property.
- The property located adjacent east to the southeast corner of the subject Property [the southernmost of the former bulk petroleum facilities] has been redeveloped. The large AST formerly located at the southwest corner of the parcel has been removed. The linear structure at the west-central portion of the parcel and the small unidentified structure at the south-central portion of the parcel are still apparent.
- The property located adjacent west to the southwestern portion of the subject Property, south of Clay Street, has been redeveloped and is now occupied by vacant land.

Based on the reviewed historical aerial/satellite imagery: the properties located adjacent north of the subject Property, north of Perkins Street, appear to have primarily been used historically for commercial and light industrial activities; the properties adjacent east of the subject Property and north of Gibson Creek have primarily been used historically for residential and commercial activities; the properties adjacent east of the subject Property and south of Gibson Creek have primarily been used historically for bulk petroleum storage and light industrial activities; the properties adjacent south of the subject Property have primarily been used historically for agricultural and residential activities; and the properties adjacent west of the subject Property, across the railroad line, have primarily been used historically for commercial and industrial activities.

The properties located east of the subject Property and south of Gibson Creek have historically been used for bulk petroleum storage and included numerous large ASTs. There is a potential that petroleum hydrocarbons associated with these facilities impacted subsurface soils and/or groundwater beneath the property and subsequently migrated to the soils and/or groundwater at the subject Property.

### **3.6.3 USGS Topographic Maps**

USGS Topographic Maps assist in identifying the past land use of the site and adjoining properties. Features of the site and surrounding properties, such as buildings, bodies of water, agriculture, etc., may be indicated on the topographic maps. WESTON reviewed historical topographic maps supplied by EDR for the vicinity of the Property for the years 1947, 1958, and 1975. The following discussion presents descriptions of the site based upon the review of the topographic maps. Copies of reviewed historical USGS topographic maps are included in Appendix E.

#### **1947 (1:50000 scale):**

The subject Property and adjoining properties, except those to the north, are designated on the topographic map to be within the city of Ukiah urban area. As such, only structures of significant note are typically indicated. Leslie Street is indicated on the map; however, the street is only indicated for approximately 0.2 miles south of Perkins Street, which is approximately parallel to the southern subject Property boundary. No additional structures or features are indicated on the adjacent east, south, or west properties. Four relatively large structures are indicated adjacent north of the Property on the north side of Perkins Street.

#### **1958 (1:24,000 scale):**

The subject Property and adjoining properties, except those to the south and north, are designated on the topographic map to be within the city of Ukiah urban area. As such, only structures of significant note are typically indicated. Leslie Street is indicated on the map and extends south to Gobbi Street. No additional structures or features are indicated on the adjacent east or west properties. The adjacent properties to the south are designated as agricultural land. Four relatively small structures are indicated on the adjacent property to the north, along the north side of Perkins Street.

#### **1958 (1:62,500 scale):**

The resolution of this topographic map is low; however, the map appears to be consistent with the 1958 (1:24,000) map.

#### **1975 (1:24,000 scale):**

The subject Property is not located with the designated urban area on this topographic map; however, the adjacent east and west properties are included within this designation. As such, only structures of significant note are typically indicated. No structures are indicated on the adjacent east and west properties. Leslie Street is indicated on the map as shown on the 1958

topographic map. The adjacent properties to the south are no longer indicated as agriculturally developed. Several small streets are indicated in the area south of the subject Property, which are likely affiliated with the existing residential area. As seen in the 1958 map, four relatively small structures are indicated on the adjacent property to the north, along the north side of Perkins Street. Approximately 0.3 mile to the east of the Property, the new highway is indicated.

No evidence was found during WESTON's review of historical topographic maps that indicated a likely potential for off-site activities to have impacted the soils, surface water, or groundwater at the Property.

### **3.7 PREVIOUS ENVIRONMENTAL INVESTIGATIONS**

#### **3.7.1 Geomatrix 1992 Phase I ESA and 1995 Phase II Investigation**

Between 1992 and 1995, Geomatrix Consultants, Inc. (Geomatrix) conducted Phase I and Phase II ESA investigations for the Ukiah Station property, which included the Property and the rail facilities located on the north side of Perkins Street. The Geomatrix Phase I/II Report is provided in Appendix G.

During the Phase I investigation, Geomatrix reviewed the structure record index and valuation maps provided to them by the Southern Pacific Transportation Company. These documents indicated the southern portion of the Property historically included a two-stall roundhouse and a turntable. Additional facilities that appeared to be related to roundhouse operations included: a drain sump, an oil sump, an oil column, and a large aboveground oil tank. Although the precise service dates of these structures were not listed in the structure record index, the index did indicate that some of these structures were constructed in 1919. In addition, a Sanderlock and Dawson tank platform, a motor car house, and a tool house were located on the Property. No additional information was reported regarding these structures. Although not discussed in the text of the Geomatrix report, an additional oil column was indicated on their site figure. This oil column was located between the main and side tracks, adjacent west of the Property and near the termination of Clay Street. The approximate locations of these historic structures, as plotted by Geomatrix, are shown on Figure 2.

During the Geomatrix Phase I site reconnaissance, which was performed in August 1992, the consultants indicated that inspections of the existing Warehouse Building and the existing Passenger Depot Building were conducted. No environmental concerns were identified with regard to either of these buildings. During the inspection the existing Warehouse Building was being operated as a beverage distribution facility. Geomatrix noted that the adjacent-east properties located along Leslie Street were occupied by Earl's Auto and Tire, Ukiah Recycle and Salvage, and Automotive Service Center. During the reconnaissance, stained soils, which appeared to be impacted by waste oil, were observed along the eastern fence line of the Property, adjacent to the former Union Oil of California facility [Unocal Bulk Plant #0813 site].

During the Phase II investigation, 12 borings were advanced at from randomly selected locations at the western half of the Property. In addition, two borings were advanced from the western side of the main rail track, across from the approximate area of the existing Warehouse Building. The

sample locations, which were identified by Geomatrix as UB1 through UB14, are shown in Figure 3. The eastern half of the Property was not included in the investigation due to it not being within the proposed sale area. At each boring, samples were collected from four discrete depths and composited for laboratory analysis. Each composite sample was analyzed for TPH-D, TPH-MO, SVOCs, and metals. In addition, one discrete soil sample was collected from each boring and analyzed for VOCs. During the investigation, groundwater elevations were reported to range from approximately 8 to 16 feet bgs. None of the analyzed samples exhibited detectable concentrations of TPH-D, TPH-MO, or SVOCs; and all of the exhibited metal concentrations were reported to be within the screening criteria.

### **3.7.2 Geomatrix 1999 Soil and Groundwater Investigation**

In 1999, Geomatrix conducted a soil and groundwater investigation at the Property and the former railroad facilities located north of Perkins Street (Geomatrix, 1999). The investigation included the advancement of 19 borings at the Property with soil and/or groundwater samples collected from each boring. The 1999 Geomatrix Soil and Groundwater Investigation Report is provided in Appendix G and the sample locations are shown in Figure 3.

The boring locations were primarily selected based upon historic site features and observations made during the Phase I/II investigations. In addition, the existing groundwater well MW-8, which was reported to have been installed as part of an adjacent property investigation, was sampled during the event. Selected soil samples were analyzed for TPH-D, TPH-MO, PAHs, and metals. Groundwater samples were analyzed for TPH-D, PAHs, and VOCs.

Analytical results of the 1999 sampling investigation for soils at the Property indicated that: TPH-D was detected at two locations and ranged from 2.4 to 30 milligrams per kilogram (mg/kg); TPH-m was detected at 11 locations and ranged from 4 to 620 mg/kg; PAHs above industrial PRGs were detected in a single sample (UB30) at a concentration of 476 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ) benzo(a)pyrene; and metals were not detected at any locations above their respective TTLCs, although one sample exceeded ten times the arsenic STLC and four samples exceeded ten times the lead STLC.

Analytical results of the 1999 sampling investigation for groundwater at the Property indicated that the only constituent detected was PCE, which was detected in two samples and ranged from 5.7 micrograms per liter ( $\mu\text{g}/\text{L}$ ) at UB27 to 6.0  $\mu\text{g}/\text{L}$  at MW-8. Both of these locations are at the southeastern portion of the Property.

### **3.7.3 EBA 2008 Report of Investigation, Proposed Skateboard Park Development**

In 2008, EBA Engineering (EBA) conducted a soil and groundwater investigation at the location of a proposed skateboard (EBA Engineering, 2008). The 2008 EBA Report of Investigation is provided in Appendix G and the sample locations are shown in Figure 3.

The investigation included the portion of the subject Property located adjacent to the former Leslie Street Gas Manufacturing Plant. The investigation included the advancement of 18 soil borings, identified as B-1 through B-18, to depths ranging from 8 to 12 feet bgs. Soil samples were collected from each boring at 0.5, 2, and 5 feet bgs and selected samples were analyzed for

PAHs, VOCs, metals, and petroleum hydrocarbons. Typically all of the 0.5 foot-bgs samples were submitted for all analysis; however, 2 and 5 foot-bgs samples were only selectively analyzed. In addition, grab groundwater samples were collected from 6 of the 18 locations and analyzed for PAHs, VOCs, metals, and petroleum hydrocarbons. Groundwater was first encountered between 9.5 and 11 feet bgs.

Analysis of the soil samples collected during the investigation indicated detectable concentrations of TPH-D that ranged from 23 to 490 mg/kg; detectable concentrations of TPH-MO that ranged from 28.7 to 1,090 mg/kg; detectable concentrations of benzo(a)pyrene that ranged from 3.10 to 512 mg/kg; and detectable concentrations of PCE that ranged from 2.03 to 2.09 µg/kg. One sample exhibited an arsenic concentration of 86.6 mg/kg, which was determined to be significantly above the background concentration. No additional metals were detected significantly above their respective background concentrations. TPH-G was not detected in any of the submitted soil samples. Additional PAHs were detected at concentrations below residential PRGs.

Analysis of the groundwater samples collected during the investigation indicated detectable concentrations of PCE that ranged from 1.54 to 2.67 µg/L. Detectable concentrations of several PAHs were exhibited in the samples; however, none of the concentrations exceeded their respective PRGs. Exhibited metal concentrations did not exceed their respective MCLs.

EBA concluded based upon the analytical results that soils in the vicinity of the former asphalt plant were impacted with motor oil range hydrocarbons; that the near-surface soils at various locations across the site were impacted with PAHs, primarily benzo(a)pyrene; and that the groundwater beneath the site was impacted with PCE.

#### **3.7.4 WESTON 2010 Site Characterization, Former Rail Yard**

In December 2010, WESTON conducted a soil and groundwater investigation at the portion of the subject Property located south of Gibson Creek. Environmental sampling south of Gibson Creek was also conducted in January 2011 as part of a subsequent geotechnical investigation. The investigation included the collection of 29 soil vapor samples, 110 soil samples, and 23 groundwater grab samples. Sample locations are shown on Figure 4. Chemical concentrations detected in soil above the screening levels included arsenic, PAHs and petroleum hydrocarbons. Chemical concentrations detected in groundwater above the screening levels included lead, PAHs and PCE. A copy of WESTON's Site Characterization Summary Report is included in Appendix H.

On 1 February 2011, WESTON met with personnel from the NCRWQCB and the City of Ukiah to present the investigation findings. Following their initial review of the site investigation findings, the NCRWQCB indicated that remedial action at the Property would likely need to address elevated petroleum hydrocarbon concentrations in the shallow soil. The NCRWQCB also stated that additional soil vapor and groundwater sampling should not be required.

WESTON is currently preparing a Remedial Action Plan (RAP) that outlines the remedial approach proposed at the site. The RAP would provide a thorough review of all pertinent information about the site, technical evaluations of the contamination identified, and

recommendations for remedial action. Although a full evaluation of remedial alternatives is needed as part of the Remedial Action Plan process, including a risk assessment and feasibility study, WESTON anticipates that remedial activities at the Property will primarily be limited to the removal of elevated petroleum hydrocarbon concentrations detected in shallow soil.



## SECTION 4

### SITE RECONNAISSANCE

WESTON conducted an overall inspection of the Property between 1 December and 15 December 2010. The site reconnaissance was conducted solely by WESTON personnel.

#### 4.1 METHODOLOGY AND LIMITING CONDITIONS

The methodology used to perform the site reconnaissance at the Property included interviews with current site personnel and a site walk to evaluate the current condition of the property. Photographs taken during the site reconnaissance are included in Appendix A.

#### 4.2 GENERAL SITE SETTING

##### 4.2.1 Current or Past Use(s) of the Property

As of 15 December 2010, activities at the Property included: the sales and distribution of emergency preparedness equipment within the Warehouse Building (311 East Perkins Street); administrative activities within the Passenger Depot Building (309 E. Perkins); public recreation at the 'pocket park' located north of Gibson Creek; retail beverage distribution at the 'coffee hut' located north of Gibson Creek (317 E. Perkins); and vehicle parking at the parking lot north of Gibson Creek, which appeared to be associated with the adjacent and off-site bank/insurance building addressed as 319/325 E. Perkins. During the site visit, no activities were being conducted within the Shop Building (307 E. Perkins) or any of the remaining portions of the Property.

Based upon observations made during the WESTON site visit, historic operations at the Property included: beverage distribution at the Warehouse Building; public rail transport at the Passenger Depot Building; vehicle maintenance activities at the Shop Building; railroad car and/or locomotive maintenance at the south-central portion of the Property; and railroad car and/or locomotive storage at the southeastern portion of the Property.

##### 4.2.2 Current or Past Use(s) of the Adjoining Properties

As of 15 December 2010, operations at the adjoining properties included:

East (from North to South):

- Commercial insurance sales and bank activities (319/325 E. Perkins). The operating businesses, which appeared to share the same facility, were identified as Westamerica Bank and Cost-U-Less Insurance.
- Automotive service (120 Leslie). The business was identified as A-Mac Auto Repair; however, the facility did not appear to be in business.

- On-going environmental cleanup/assessment operations (Unaddressed Parcels on Leslie Street - Parcels 002-232-09, -010, -011) [Old Leslie Street Gas Plant site]. The property was vacant and overgrown with vegetation; no operations were being conducted at the time of the site visit. Numerous 55-gallon drums were located on the property that appeared to be associated with on-going environmental activities.
- No activities (Unaddressed Parcel on Leslie Street - Parcel 002-232-04) [Golden Gate Petroleum property]. The property was vacant and overgrown with vegetation. No recent activities appeared to have been conducted at the property. A small covered structure was located at the south-central portion of the property. The previous use of this structure is not known; however, it appeared to be in disrepair and had not likely utilized for a significant amount of time.
- No activities (122 Leslie) [Unocal Bulk Plant #0813 site]. The property was vacant except for an industrial warehouse building at the eastern side and a cargo container at the western side. The property was overgrown with vegetation and no activities appeared to have been conducted at the property for a significant amount of time.
- Auto body repair (134 Leslie) [DZ, Inc. site]. The business was identified as Earl's Auto and Tire. The facility included numerous vehicles and appeared to be in operation at the time of the site visit. The facility included a small repair garage at the west-central portion and a small office-type building at the southeast corner.
- No activities (Unaddressed Parcels on Leslie Street - Parcels 002-282-04, -05) [Property formerly occupied by General Petroleum Company Bulk Storage facility]. The facility included an industrial building at the northwest corner, a tractor trailer at the west-central portion, and two small outbuildings. The facility did not appear to be in operation; however, the vegetation on the property appeared to be maintained. The former tank platforms were apparent on the surface. The tractor trailer appears to be consistent with the unidentified linear structure observed on the property in the 1993-2005 aerial/satellite imagery.

South (from East to West):

- Residential activities (660 Leslie). Approximately seven residential buildings are located adjacent of the Property and appear to be associated with the Rancho Del Rey Mobile Home Park.

West (from South to North) Across Railroad Line:

- Residential activities (Unknown Address - Parcel 002-281-06). This parcel, which is located adjacent west of the southwest corner of the property, was occupied by a single-family residential building that appeared to be occupied.

- No activities (Unknown Address - Parcel 002-281-05). This parcel, which is located along the south side of Clay Street, was occupied by vacant land and overgrown vegetation.
- No activities (276 E. Clay) [former Holz Company facility]. This property included several large industrial buildings and did not appear to be occupied.
- Agricultural supplies/equipment retail and service (235 E. Perkins). The facility was located on several parcels and appeared to specialize in selling agricultural supplies and sales/service of agricultural equipment (e.g., tractors).
- Food service activities (247 E. Perkins). This parcel, which is located along the south side of Perkins Street, was occupied by a restaurant. It was unclear if this business was operational. The restaurant was signed as the Phoenix Buffet.

#### North (from West to East) Across E. Perkins Street:

- Commercial retail activities (308 E. Perkins). This property is occupied by an operational pharmaceutical/grocery retailer, identified as Walgreens.
- Medical activities (Unknown Address). This property, which is located adjacent north of the northeast corner of the subject Property at the northeast corner of E. Perkins Street and Hospital drive, appeared to be occupied by an operational medical health building. This business is likely associated with the nearby hospital complex.

### **4.2.3 Current or Past Uses in the Surrounding Area**

Current uses of the surrounding area primarily include: commercial retail and medical to the north; industrial and residential to the east; residential to the south; and commercial retail and light industrial to the west. No indications of past uses of the surrounding area were observed during the site visit.

### **4.2.4 General Description of Structures**

During the WESTON December 2010 site reconnaissance, four primary structures were observed at the property. In addition, several notable features that appeared to be associated with former structures were observed. A general description of these structures and features, based upon WESTON's observations during the site visit and supplemented with information obtained from historical records review, is provided below. These structures are shown on Figure 2 and include:

Passenger Depot Building (309 E. Perkins) - This building is primarily of brick construction and occupies approximately 1,500 square feet at the northwestern portion of the Property. An additional approximately 1,700 square feet at the north, west, and south side of the building is located on a covered concrete platform. The building was in good repair. This building was constructed in approximately 1929 and was used as the primary passenger railroad depot from approximately 1929 to 1971.

Warehouse Building (311 E. Perkins) - This building is primarily of steel-frame and metal siding construction. The building was in fair condition. The building occupies approximately 11,000 square feet at the west-central portion of the Property. The building includes an attached approximately 700 square-foot garage at the southwest corner. In addition, an approximately 100 square-foot open shed is located on the northwest exterior of the building. This shed was located on a concrete pad and was apparently used to store unserviceable equipment (e.g., motors, fans, A/C units, etc.).

The interior of the building was divided into two sections with the north section occupying approximately 3,000 square feet and the southern section occupying approximately 8,000 square feet. In addition, an office/kitchen/storage area was enclosed within wood-construction walls at the east-central portion of the building. The ceiling (approximately 1,500 sq-ft) is drywall with a spray-on ‘pop corn’ texturing. The floor of the building was cement and the sides/roof were covered in fiberglass insulation and spray-on fireproofing/insulation material. An apparent loading ramp was located at the northwest corner of the southern interior area. Roll doors were located at the southeast corner of the building and the east-central side of the building. No sumps or secondary containment areas were observed within the building.

At the time of the site visit, the northern portion of the building was primarily used for packing emergency preparedness equipment. The southern portion of the building was used for storage of this equipment.

This building was constructed between approximately 1963 and 1974 at the approximate location of the former freight/passenger railroad depot building, which had been located on the Property since at least 1893. No obvious evidence of this former depot was observed during the site visit. A Coors™ sign was located at the northeast corner of the building indicating that the building was likely formerly operated as a beverage distribution facility.

Shop Building (307 E. Perkins) - This building is primarily of steel-frame and metal siding construction. The building was in fair-to-poor condition. The building occupies approximately 2,600 square feet at the southwestern portion of the Property. The interior of the building was not insulated. The floor was composed of cement. Several holes were observed in the metal siding of the building. An approximately 900 square-foot office space was constructed of wood/drywall and located at the south-central portion of the building interior. A loft storage area was located above the office space. A small restroom was constructed of wood at the northwest corner. Two roll doors were located on the north side of the building. No sumps or secondary containment areas were observed within the building.

At the time of the site visit this building was not occupied. Reportedly, the building was formerly used by a logging/trucking company in at least 1999.

The building was constructed between 1963 and 1974 at the approximate location of the southern half of a former fruit packing building. The northern half of the fruit packing facility occupied the existing asphalt/gravel parking area at the north side of the

warehouse building. No obvious evidence of the former fruit packing building was observed during the site visit.

Drive-thru Coffee Kiosk (317 E. Perkins) - This building is primarily of wood-frame construction. The exterior of the building was in good condition and occupies approximately 200 square feet at the north-central portion of the Property, north of Gibson Creek. The building was surrounded by an asphalt paved parking area and drive-thru lanes. This building was constructed between approximately 1998 and 2005.

Former Roundhouse and Turntable - A two-stall roundhouse and an 80-foot diameter turntable were reported to have historically been located at the south-central portion of the Property. During the site visit, a circular concrete structure with a diameter of approximately 80 feet was observed within this area. Adjacent south of the concrete circle, and slightly west of center, was a concrete sidewalk that extended approximately 150 feet south. The surface to the east of the sidewalk was generally covered by degrading asphalt.

During the WESTON site visit, trenches were excavated in the area of the historic roundhouse and turntable. A trench was excavated approximately 100 feet south-southeast of the concrete circle. During this excavation, two pairs of concrete foundations were uncovered at a depth of less than one foot. These foundations extended to at least three feet bgs and were approximately 1.5 feet in width. The foundations appeared to be linear structures trending towards approximately the north-northwest and the concrete circle. The foundation pairs were spaced approximately five feet apart (center to center). Based upon these observations, these foundations were considered to likely have been used to support the rail lines of the former roundhouse. No obvious evidence of any additional structures was observed during the site visit.

The precise dates when the roundhouse and/or turntable were located at the Property are not known; however, some historical evidence indicates they the roundhouse may have been constructed in approximately 1919 and the turntable in approximately 1930.

Asphalt Pad - An approximately 9,000 square-foot, roughly rectangular, asphalt pad is located at the southeast corner of the Property. During the site visit the asphalt was observed to be generally degraded and missing at some locations. At the north side of the pad were three poles that appeared to have likely been formerly used for light-mounting. Two parallel rail spurs historically connected this area to the main line. Based upon this information, it is likely that this area was used for railroad car storage and/or maintenance. The pad and associated rail spurs were constructed between approximately 1963 and 1974. The rail spurs appear to have been in place until at least 1993.

No additional significant structures, or features related to former structures, were observed during the December 2010 WESTON site visit.

#### **4.2.5 Vacant Fields**

The entire extent of the Property south of Gibson Creek, with the exception of the area occupied by the Passenger Depot Building, the Warehouse Building, and the Shop Building, was occupied by vacant land. The majority of this area was unpaved.

#### **4.2.6 Roads**

No major public roadways traverse the Property. Historically Clay Street crossed from the western side of the main rail line and then turned north to intersect with Perkins Street. Although this crossing has apparently not been used for vehicular traffic for at least several decades, the City of Ukiah does consider this to be a valid railroad crossing that may be utilized in the future.

The Property can only be accessed by vehicle from the south side of Perkins Street.

#### **4.2.7 Potable Water Supply**

Potable water connections at the Property are maintained at the Passenger Depot Building, the Warehouse Building, and the Shop Building. The potable water supply is provided by the City of Ukiah Utilities Department, Water and Sewer Division. There are no known water supply wells on the Property.

#### **4.2.8 Sewage Disposal System**

Sewage disposal facilities at the Property are connected to the municipal sewer system. Sewage connections are maintained at the Passenger Depot Building, the Warehouse Building, and the Shop Building. The municipal sewer system is operated by the City of Ukiah Utilities Department, Water and Sewer Division.

### **4.3 OBSERVATIONS**

#### **4.3.1 Current Use(s) of the Property**

As of 15 December 2010, activities at the Property included: the sales and distribution of emergency preparedness equipment within the Warehouse Building (311 E. Perkins); administrative activities within the Passenger Depot Building (309 E. Perkins); public recreation at the ‘pocket park’ located north of Gibson Creek; retail beverage distribution at the ‘coffee hut’ located north of Gibson Creek (317 E. Perkins); and vehicle parking at the parking lot north of Gibson Creek, which appeared to be associated with the adjacent and off-site bank/insurance building addressed as 319/325 E. Perkins. During the site visit, no activities were being conducted within the Shop Building (307 E. Perkins) or any of the remaining portions of the Property.

#### **4.3.2 Past Use(s) of the Property**

Based upon observations made during the WESTON site visit, historic operations at the Property included: public rail transport at the existing Passenger Depot Building; vehicle maintenance

activities at the existing Shop Building; railroad car and/or locomotive maintenance at the south-central portion of the Property; and railroad car and/or locomotive storage at the southeastern portion of the Property.

#### **4.3.3 Hazardous Substances and Petroleum Products in Connection with Identified Uses**

An approximately 100 square-foot covered enclosure is located on a concrete pad along the north exterior wall of the Warehouse Building. This enclosure appears to be used to store non-functioning and/or retired equipment including, but not limited to: fans, electric motors, and HVAC equipment. This type of equipment may contain minor amounts of hazardous substances, primarily in the form of lubricating oils and/or coolants.

The Shop Building was formerly occupied by a logging/trucking facility in at least 1999. Specific operations associated with this facility are not known; however, there is a high potential that vehicle maintenance was conducted within this building. During the December 2010 WESTON site visit, minor staining was observed on the cement floor within this building. Stain patterns indicated that 55-gallon drums were likely stored within the building.

The south-central portion of the Property was historically occupied by a roundhouse and turntable. The dates when these structures occupied the Property are not known. There is a high potential that this area was used to service and maintain railroad cars and/or locomotives. The construction details of the turntable are not known; however, there is a potential that the turntable utilized hydraulic and/or lubricating oils while operating. In addition, an oil supply structure, a 24-foot diameter oil tank, and an oil column were reported to have been historically located in this area and were likely used in connection with roundhouse/turntable operations.

A motor car house and tool house were reported to have been formerly located at the southwest corner of the Property. Based upon these building descriptions, the motor car house was likely used to store one or more motorcars [small rail vehicles used by employees to conduct track inspections] and the closely located tool house was likely used to store equipment for motorcar and/or track repair. There is a potential that hazardous substances and/or petroleum products were used and/or stored within these buildings.

A fruit packing plant that included a conveyor system was formerly located at the southwestern portion of the Property. There is a potential that the conveyor system utilized hydraulic and/or lubricating oils while operating. The conveyor system was located on the Property from at least 1941 to 1957.

An asphalt plant was historically located at the east-central portion of the Property in at least 1929. A fuel storage structure was located at the asphalt plant, and remained there until at least 1941. The specific hazardous substances and/or petroleum products utilized at the asphalt plant are not known.

A tank platform was reported to have been formerly located at the north-central portion of the Property, adjacent the rail spur and south of Gibson Creek. The contents of the tanks stored on this platform were not reported.

#### **4.3.4 Storage Tanks**

No underground storage tanks (USTs) or aboveground storage tanks (ASTs) were observed at the Property during the December 2010 WESTON site reconnaissance. No USTs are known to have historically been located within the boundaries of the Property.

The known ASTs formerly located at the Property include:

- 24-foot diameter oil tank located at the southeastern portion of the Property in the general area of the former roundhouse and turntable. The dates when this AST occupied the property are not known.
- Fuel tank located at the east-central portion of the Property in the vicinity of the former asphalt plant. This ground-mounted tank was located on the Property between at least 1929 and 1941. The contents of the tank are not known.

#### **4.3.5 Odors**

No strong, pungent, or noxious odors were detected at the Property during the December 2010 WESTON site reconnaissance.

#### **4.3.6 Pools of Liquid**

No unusual pools of liquid or uncontained liquids were observed at the Property during the December 2010 WESTON site reconnaissance.

#### **4.3.7 Drums**

No drums were observed at the Property during the December 2010 WESTON site reconnaissance.

#### **4.3.8 Polychlorinated Biphenyls (PCBs)**

No PCB-containing equipment was observed at the Property during the December 2010 WESTON site reconnaissance.

#### **4.3.9 Pits, Ponds or Lagoons**

No unusual pits, ponds, or lagoons were observed at the Property during the December 2010 WESTON site reconnaissance. There are numerous depressions on the Property that collect runoff during precipitation events; however, none of the depressions appears to have been constructed for the task.

#### **4.3.10 Stained Soil or Pavement**

Minor cement staining was observed at the interior west-central and southwestern portions of the existing Shop Building. These stains appeared to be consistent with waste oils or other substances used in vehicle maintenance. Stain patterns indicated that 55-gallon drums were



likely stored at the southwest portion of the building. No additional surface soil or pavement staining was observed at the Property during the December 2010 WESTON site reconnaissance.

#### **4.3.11 Solid Waste**

Non-hazardous solid waste (general refuse), including paper, food, plastics, glass, and cardboard from the Property was collected and disposed of and/or recycled off-site by Ukiah Waste Solutions. Medical wastes (including sharps) were not generated at the site.

#### **4.3.12 Wastewater**

No process wastewaters were observed at the Property during the December 2010 WESTON site reconnaissance.

#### **4.3.13 Stormwater**

During the site reconnaissance conducted by WESTON in December 2010, stormwater from the Property typically pooled in local on-site depressions and subsequently evaporated or infiltrated into the subsurface. Lesser amounts of stormwater runoff were discharged to adjacent properties and/or Gibson Creek.

#### **4.3.14 Wells**

No water supply wells were observed at the Property during the December 2010 WESTON site reconnaissance.

One groundwater monitoring well, identified as MW-8, was identified at the southeastern portion of the Property. This well was apparently associated with groundwater investigations that have occurred at the adjacent DZ, Inc. site.

#### **4.3.15 Septic Systems**

No septic systems were observed at the Property during the December 2010 WESTON site reconnaissance. Sewage waste from the on-site buildings is directed through subsurface piping to the City of Ukiah municipal sewer system.

**SECTION 5**  
**INTERVIEWS**

**5.1 INTERVIEWS WITH CURRENT AND FORMER EMPLOYEES**

Mr. Jim Milligan, Manager of Preparedness Industries, Inc., was interviewed by WESTON during the December 2010 site reconnaissance. Preparedness Industries, Inc. is a manufacturer, distributor, and retailer of emergency preparedness equipment. During the WESTON site visit, Mr. Milligan operated a distribution center out of the existing Warehouse Building on the subject Property, which was in the process of relocating to a new off-site facility.

Mr. Milligan indicated that no hazardous substances were currently being used and/or stored within the Warehouse Building and that no sumps were located within the building. In addition, he indicated that the distribution facility had been located within the building since approximately 2003. Mr. Milligan did not provide any additional information regarding historical operations at the Property.

An interview with the current property owner is not included in this report. A representative of the current property owner, NCRA, declined to complete the user questionnaire as provided in Appendix X3 of ASTM E1527-05.

## **SECTION 6**

### **FINDINGS**

WESTON has identified the following historical recognized environmental conditions, recognized environmental conditions, and de minimis conditions at the site, adjoining properties, and surrounding properties. De minimis conditions are defined as those that do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies. Conditions at the Former Ukiah Rail Yard property (Property) are listed as “On-site.” Conditions at the adjoining properties and surrounding properties are listed as “Off-site.”

WESTON has performed a Phase I Environmental Site Assessment (ESA) of the Former Ukiah Rail Yard in Ukiah, California in conformance with the scope and limitations of ASTM Practice E 1527. Any exceptions to, or deletions from, this practice are described in Section 1.3 of this report. This assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the subject Property except for the following:

#### **6.1 HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS**

##### **6.1.1 On-site**

- None identified.

##### **6.1.2 Off-site**

- None identified.

#### **6.2 RECOGNIZED ENVIRONMENTAL CONDITIONS**

##### **6.2.1 On-site**

- Planing Mill – A planing mill was formerly located on the northern portion of the Property in at least 1911. Available information did not identify hazardous substances that may have been associated with this structure; however, planing mills frequently utilize hazardous substances, primarily petroleum hydrocarbons, to lubricate and/or fuel equipment. There is the potential that during historic planing mill operations, hazardous substances may have impacted site soils and/or groundwater. Based upon this information, the identification of a former on-site Planing Mill is considered to represent a REC for the subject Property.
- Asphalt Plant and Fuel Tank – An asphalt plant and adjacent fuel tank were formerly located at the east-central portion of the Property from at least 1929 to 1941. Asphalt production typically involves the use of petroleum hydrocarbons. There is the potential for hazardous substances associated with historic asphalt production and/or fuel storage

operations to have impacted site soils and/or groundwater. TPH-impacted soil is documented in this area because 1) elevated concentrations of TPH-D and PAH were detected in the vicinity of the former asphalt plant (B-16 and B-18) as part of the Skate Park Investigation; 2) elevated TPH-D concentrations were detected at TP-16 and TP-17 during WESTON's investigation; and 3) an area on a 1929 Sanborn map in the vicinity of the asphalt plant is labeled as "fuel oil on ground". Based upon this information, the identification of a former on-site asphalt plant and adjacent fuel tank is considered to represent a REC for the subject Property.

- **East Rail Spur Petroleum Operations** – A rail spur was formerly located along the eastern Property boundary adjacent to several bulk petroleum facilities from at least 1929 to 1963. Historical evidence indicates that this rail spur was likely used for the purpose of petroleum transfer from rail cars to off-site bulk petroleum tanks. There is the potential that hazardous substances, primarily petroleum hydrocarbons, were released to site soils and/or groundwater from rail cars, associated piping, or during transfer operations. Elevated TPH-D concentrations in soil were detected near the east rail spur in DP-10 during WESTON's investigation. Based upon this information, the identification of a rail spur potentially used for on-site petroleum product transfers is considered to represent a REC for the subject Property.
- **Existing Shop Building** – Light industrial activities appear to have been conducted within the existing Shop Building at the southwestern portion of the Property since at least 1974. In at least 1999, the building was being used as a maintenance garage for a logging/trucking company. No additional information is known regarding past occupants or associated operations. Minor concrete staining and indications of former 55-gallon drum storage were observed during the December 2010 WESTON site reconnaissance. There is the potential that hazardous substances were historically used and/or stored within this building and were subsequently released to sites soils and/or groundwater. Based upon this information, the former activities associated with the existing Shop Building are considered to represent a REC for the subject Property.
- **Existing Warehouse Building** – Light industrial activities appear to have been conducted within the existing Warehouse Building at the west-central portion of the Property since at least 1974. Between at least 1992 and 1999, the building was used as a beverage distribution facility. Between at least 2003 and 2010, the building was used as an emergency supplies distribution center. It is not known what additional operations, if any, were conducted within this building. Although a hazardous building material survey is beyond the scope of this assessment, based on the age of the structure, the spray-on 'pop corn' ceiling texturing observed in the office/kitchen/storage area and the spray-on fireproofing/insulation material should be further evaluated to determine if asbestos-containing materials are present. Based upon this information, the existing Warehouse Building is considered to represent a REC for the subject Property.
- **Former Railroad Vehicle Maintenance Operations** – A roundhouse and turntable were historically located at the south-central portion of the Property. Available historical evidence indicates that these structures were constructed in approximately 1919 and

1930, respectively. Additional structures that were reported to have been located in this area include a drain sump, oil sump, oil column, and aboveground oil tank. This area appears to have been used for railcar and/or locomotive maintenance activities. There is the potential that hazardous substances associated with these operations and/or with the mechanical operation of the turntable were released to site soils and/or groundwater. Based upon this information, the former activities associated with railroad vehicle maintenance operations are considered to represent a REC for the subject Property.

- Former Tank Platform - A tank platform was reported to have been formerly located at the north-central portion of the Property, south of Gibson Creek. No additional information regarding this platform was identified, including the contents of the tanks stored on the platform or the operational dates of the platform. Based upon the location of the platform, it is likely that tanks on this platform was used to store materials that were transferred to and from railcars. There is the potential that hazardous substances associated with this platform were released to site soils and/or groundwater. Based upon this information, the former tank platform is considered to represent a REC for the subject Property.

### 6.2.2 Off-site

- Clay Street Oil Column – Available historic information has indicated that an oil column was formerly located between the main and side tracks near the existing end of Clay Street, adjacent west to the subject Property. This oil column was likely used as an oil supply for railroad vehicles. There is the potential that hazardous substances associated with this structure have impacted subsurface soil and/or groundwater and subsequently migrated to the subject Property. This former oil column is considered to represent a REC for the subject Property.
- Former Clay Street Lumber and Industrial Property (Holz Company - 276 E. Clay) – The property located adjacent west of the subject Property, across the main rail line on the north side of Clay Street, was historically used for lumber production, trucking, farm equipment manufacturing/repair, and machining/welding activities. There is a potential that these operations included the use of hazardous substances, primarily petroleum hydrocarbons and VOCs, which may have impacted subsurface soils and/or groundwater beneath the property and subsequently migrated to the groundwater beneath the subject Property. Based upon this information, this Clay Street property was considered to represent a REC for the subject Property.
- Old Leslie Street Gas Plant (120-A Leslie Street) – This property is located adjacent east of the central portion of the subject Property and was historically used for oil-gas, butane-gas, and propane-gas manufacturing activities. There is a potential that hazardous substances associated with these activities, primarily petroleum hydrocarbons, have impacted subsurface soils and/or groundwater beneath the property and subsequently migrated to the soils and/or groundwater at the subject Property. Based upon this information, the Old Leslie Street Gas Plant was considered to represent a REC for the subject Property.

- Leslie Street Bulk Petroleum Facilities [Golden Gate Petroleum property (Unaddressed); Unocal Bulk Plant #8013 site (122 Leslie); DZ Inc. site (134 Leslie); General Petroleum Company property] - These facilities, which are located adjacent to each other and adjoining east to the subject Property, were historically used for bulk petroleum storage activities and typically included large aboveground storage tanks. There is a potential that hazardous substances associated with these activities, primarily petroleum hydrocarbons, have impacted subsurface soils and/or groundwater at the properties and subsequently migrated to the soils and/or groundwater at the subject Property. Based upon this information, the former Leslie Street Bulk Petroleum facilities were considered to represent RECs for the subject Property.
- Up-gradient RWQCB SLIC/LUST sites - The MCDPW Ukiah Courthouse site (100 N. State), the Stefani Shell site (406 N. State), the Rite Aid Store #6033 site (680 S. State), and the American Savings Bank site (700 S. State) are all located within one-half mile southwest to northwest from the subject Property. These sites are all located generally up-gradient with respect to groundwater from the subject Property and are listed with the RWQCB as open sites that have affected groundwater with petroleum hydrocarbons. Based upon that information, these four up-gradient RWQCB sites are considered to represent RECs for the subject Property.
- Up-gradient Dry Cleaners Sites - The Howards Cleaners site (295 N. Main) and the Master Cleaners sites (502-504 S. State and 195 Seminary) are located within 1,200 feet west-southwest to west-northwest of the subject Property. These sites are occupied by existing and former dry cleaning facilities generally up-gradient with respect to groundwater from the subject Property. Dry cleaning facilities frequently utilize hazardous substances, primarily PCE, in normal operations. Detectable concentrations of PCE have been identified in the groundwater at the subject Property below the CA MCL. Based upon that information, these two drycleaners sites are considered to represent RECs for the subject Property.

### **6.3 DE MINIMIS CONDITIONS**

#### **6.3.1 On-site**

- Fruit Packing Facility Conveyor System – A fruit packing facility was formerly located at the southwestern portion of the Property that used a conveyor system in at least 1960. Since conveyor systems typically utilize petroleum-based motor and/or lubricating oils, there is a potential that hazardous substances associated with the conveyor were release to site soils and/or groundwater. The former fruit packing conveyor system is considered to represent a de minimis condition for the subject Property.
- Former Fruit Packing Buildings – At least four fruit packing buildings were historically located at the central and southwestern portions of the Property between at least 1929 and 1981. The specific activities associated with these facilities are not known; however, do the industrial nature of the facilities, there is the potential that hazardous substances were used in on-site operations. Based upon this information, the historic activities associated

with the former fruit packing buildings are considered to represent a de minimis condition for the subject Property.

- Former Motor Car and Tool House - A motor car house and tool house were reported to have been formerly located at the southwest corner of the Property. Based upon these building descriptions, the motor car house was likely used to store one or more motorcars [small rail vehicles used by employees to conduct track inspections] and the adjacent tool house was likely used to store equipment for motorcar and/or track repair. There is a potential that hazardous substances were used and/or stored within these buildings and were subsequently released to site soils and/or groundwater. Based upon this information, the former Motor Car and Tool House structures are considered to represent a de minimis condition for the subject Property.

### 6.3.2 Off-site

- Former Ukiah Farmers Club Lumber Facility (Existing Walgreens at 308 E. Perkins) – The property located adjacent north of the subject Property, across E. Perkins Street, was historically used for lumber production activities. There is a potential that these operations included the use of hazardous substances, primarily petroleum hydrocarbons, which may have impacted subsurface soils and/or groundwater beneath the property and subsequently migrated to the groundwater beneath the subject Property. Based upon this information, this Clay Street property was considered to represent a de minimis condition for the subject Property.
- Automotive Service Center (120 Leslie Street) – An apparent automotive service center has been located on this property since at least 1974. Automotive service centers typically utilize hazardous substances in normal operations. There is a potential that hazardous substances may have impacted subsurface soils and/or groundwater beneath the property and subsequently migrated to the soil and/or groundwater beneath the subject Property. Based upon this information, the adjacent automotive service center was considered to represent a de minimis condition for the subject Property.

## **SECTION 7**

### **OPINIONS AND CONCLUSIONS**

WESTON believes that there is potential for environmental liability associated with the findings presented in Section 6. As discussed below, these potential liabilities are associated with recognized current environmental conditions and de minimis conditions located on site.

As discussed in Section 3.7.4, WESTON met with personnel from the NCRWQCB and the City of Ukiah on 1 February 2011 to present the findings of the soil and groundwater investigation conducted by WESTON in December 2010. Following their initial review of the site investigation findings, the NCRWQCB indicated that remedial action at the Property would likely need to address elevated petroleum hydrocarbon concentrations in the shallow soil. The NCRWQCB also stated that additional soil vapor and groundwater sampling should not be required.

Although an evaluation of potential remedial alternatives will be conducted as part of the Remedial Action Plan (RAP) that WESTON is currently preparing, WESTON anticipates that remedial activities at the Property will primarily be limited to the removal of elevated petroleum hydrocarbon concentrations detected in shallow soil. A complete review of the RAP by the NCRWQCB and the public will be required prior to conducting remedial activities at the Property.

#### **7.1 HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS**

##### **7.1.1 On-site**

As stated in Section 6, no historic environmental conditions were identified off-site.

##### **7.1.2 Off-site**

As stated in Section 6, no historic environmental conditions were identified off-site.

#### **7.2 RECOGNIZED ENVIRONMENTAL CONDITIONS**

##### **7.2.1 On-site**

- Planing Mill – Although the planing mill formerly located on the northern portion of the may have released hazardous substances (i.e., petroleum hydrocarbons), there is no information that documents a release. WESTON believes that the potential environmental liability to the Property is low.
- Asphalt Plant and Fuel Tank – The asphalt plant and adjacent fuel tank formerly located at the east-central portion of the Property appears to have released petroleum hydrocarbons to soil because 1) elevated concentrations of TPH-D and PAH were



detected in the vicinity of the former asphalt plant (B-16 and B-18) as part of the Skate Park Investigation; 2) elevated TPH-D concentrations were detected at TP-16 and TP-17 during WESTON's investigation; and 3) an area on a 1929 Sanborn map in the vicinity of the asphalt plant is labeled as "fuel oil on ground". WESTON believes that the potential environmental liability to the Property is moderate to high.

- East Rail Spur Petroleum Operations – The rail spur formerly located along the eastern Property boundary was likely used for the purpose of petroleum transfer from rail cars to off-site bulk petroleum tanks. There is the potential that hazardous substances, primarily petroleum hydrocarbons, were released to site soils and/or groundwater from rail cars, associated piping, or during transfer operations. Elevated TPH-D concentrations in soil were detected near the east rail spur in DP-10 during WESTON's investigation. WESTON believes that the potential environmental liability to the Property is moderate to high.
- Existing Shop Building – Light industrial activities appear to have been conducted within the existing Shop Building at the southwestern portion of the Property since at least 1974. Minor concrete staining and indications of former 55-gallon drum storage were observed during the December 2010 WESTON site reconnaissance. WESTON believes that the potential environmental liability to the Property from this building is low to moderate.
- Existing Warehouse Building – Light industrial activities appear to have been conducted within the existing Warehouse Building. Although a hazardous building material survey is beyond the scope of this assessment, based on the age of the structure, the spray-on 'pop corn' ceiling texturing observed in the office/kitchen/storage area and the spray-on fireproofing/insulation material should be further evaluated to determine if asbestos-containing materials are present. WESTON believes that the potential environmental liability to the Property from this building is low to moderate.
- Former Railroad Vehicle Maintenance Operations – A roundhouse and turntable were historically located at the south-central portion of the Property. There is the potential that hazardous substances associated with these operations and/or with the mechanical operation of the turntable were released to site soils and/or groundwater. Elevated TPH concentrations were detected in the soil and/or groundwater at DP-5 and DP-6 during WESTON's investigation. WESTON believes that the potential environmental liability to the Property from this area is moderate to high.
- Former Tank Platform - A tank platform was reported to have been formerly located at the north-central portion of the Property, south of Gibson Creek. No additional information regarding this platform was identified, including the contents of the tanks stored on the platform or the operational dates of the platform. Elevated TPH concentrations were not detected in this area during WESTON's investigation. WESTON believes that the potential environmental liability to the Property from this area is low.

## 7.2.2 Off-site

- Clay Street Oil Column – Although there is the potential that petroleum hydrocarbons may have been released in the vicinity of the oil column formerly located near the east end of Clay Street, TPH concentrations were not detected in samples from DP-2 located immediately downgradient of this area during WESTON’s investigation. WESTON believes that the potential environmental liability to the Property from this area is low.
- Former Clay Street Lumber and Industrial Property (Holz Company - 276 E. Clay) – The property historically used for lumber production and other industrial activities may have impacted subsurface soils and/or groundwater beneath the property and subsequently migrated to the groundwater beneath the subject Property. Because TPH concentrations were not detected during WESTON’s investigation in samples from DP-2 located downgradient of this area, WESTON believes that the potential environmental liability to the Property from this area is low.
- Old Leslie Street Gas Plant (120-A Leslie Street) – Located adjacent east of the subject Property, this property was historically used for oil-gas, butane-gas, and propane-gas manufacturing activities. There is a potential that hazardous substances associated with these activities, primarily petroleum hydrocarbons, have impacted subsurface soils and/or groundwater beneath the property and subsequently migrated to the soils and/or groundwater at the subject Property. Based upon this information, WESTON believes that the potential environmental liability to the Property from this area is moderate.
- Leslie Street Bulk Petroleum Facilities [Golden Gate Petroleum property (Unaddressed); Unocal Bulk Plant #8013 site (122 Leslie); DZ Inc. site (134 Leslie); General Petroleum Company property] - These facilities, which are located adjacent to each other and adjoining east to the subject Property, were historically used for bulk petroleum storage activities and typically included large aboveground storage tanks. There is a potential that hazardous substances associated with these activities, primarily petroleum hydrocarbons, have impacted subsurface soils and/or groundwater at the properties and subsequently migrated to the soils and/or groundwater at the subject Property. WESTON believes that the potential environmental liability to the Property from this area is moderate.
- Up-gradient RWQCB SLIC/LUST sites - The MCDPW Ukiah Courthouse site (100 N. State), the Stefani Shell site (406 N. State), the Rite Aid Store #6033 site (680 S. State), and the American Savings Bank site (700 S. State) are all located within one-half mile southwest to northwest from the subject Property. Although these sites are all located generally up-gradient with respect to groundwater from the subject Property, they are not directly adjacent to the subject Property. WESTON believes that the potential environmental liability to the Property from this area is low.
- Up-gradient Dry Cleaners Sites - The Howards Cleaners site (295 N. Main) and the Master Cleaners sites (502-504 S. State and 195 Seminary) are located within 1,200 feet west-southwest to west-northwest of the subject Property. These sites are occupied by existing and former dry cleaning facilities that are generally up-gradient with respect to

groundwater from the subject Property. Because dry cleaning facilities frequently utilize PCE and detectable concentrations of PCE below the CA MCL have been identified at the subject Property, WESTON believes that the potential environmental liability to the Property from these two drycleaner sites is moderate.

### **7.3 DE MINIMIS ENVIRONMENTAL CONDITIONS**

WESTON considers the environmental liability from the de minimis environmental conditions listed in Section 6 to be very low.

## SECTION 8

### REFERENCES

American Society for Testing and Materials (ASTM). 2005. *E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. West Conshohocken, Pennsylvania.

Blue Rock Environmental, Inc., 2010. *2010 Annual Groundwater Monitoring and Remedial System Operation Report*, DZ, Inc., 134 Leslie Street, Ukiah, CA. November 30.

EBA Engineering. 2003. *Report of Investigation, Former Leslie Street Gas Plant*, 120-A Leslie Street, Ukiah, CA. October.

EBA Engineering. 2005a. *Report of Investigation, Monitoring Well Installation*, City of Ukiah Former Leslie Street Gas Plant, 120-A Leslie Street, Ukiah, CA. April 10.

EBA Engineering. 2005b. *3<sup>rd</sup> Quarter 2005 Monitoring Well Sampling Report*, Former Coal Gasification Plant Investigation, 120-A Leslie Street, Ukiah, CA. October 24.

EBA Engineering, 2008. *Proposed Skateboard Park Development*, Former Union Pacific Railroad Depot, City of Ukiah, CA. August.

Geomatrix, 1999. *Results of Soil and Groundwater Sampling, Ukiah, CA*. July.

Professional Service Industries, Inc. (PSI). 2011. *Geotechnical Engineering Services Report for the Former Ukiah Rail Yard, 309 Perkins Street, Ukiah, CA*. February 17.

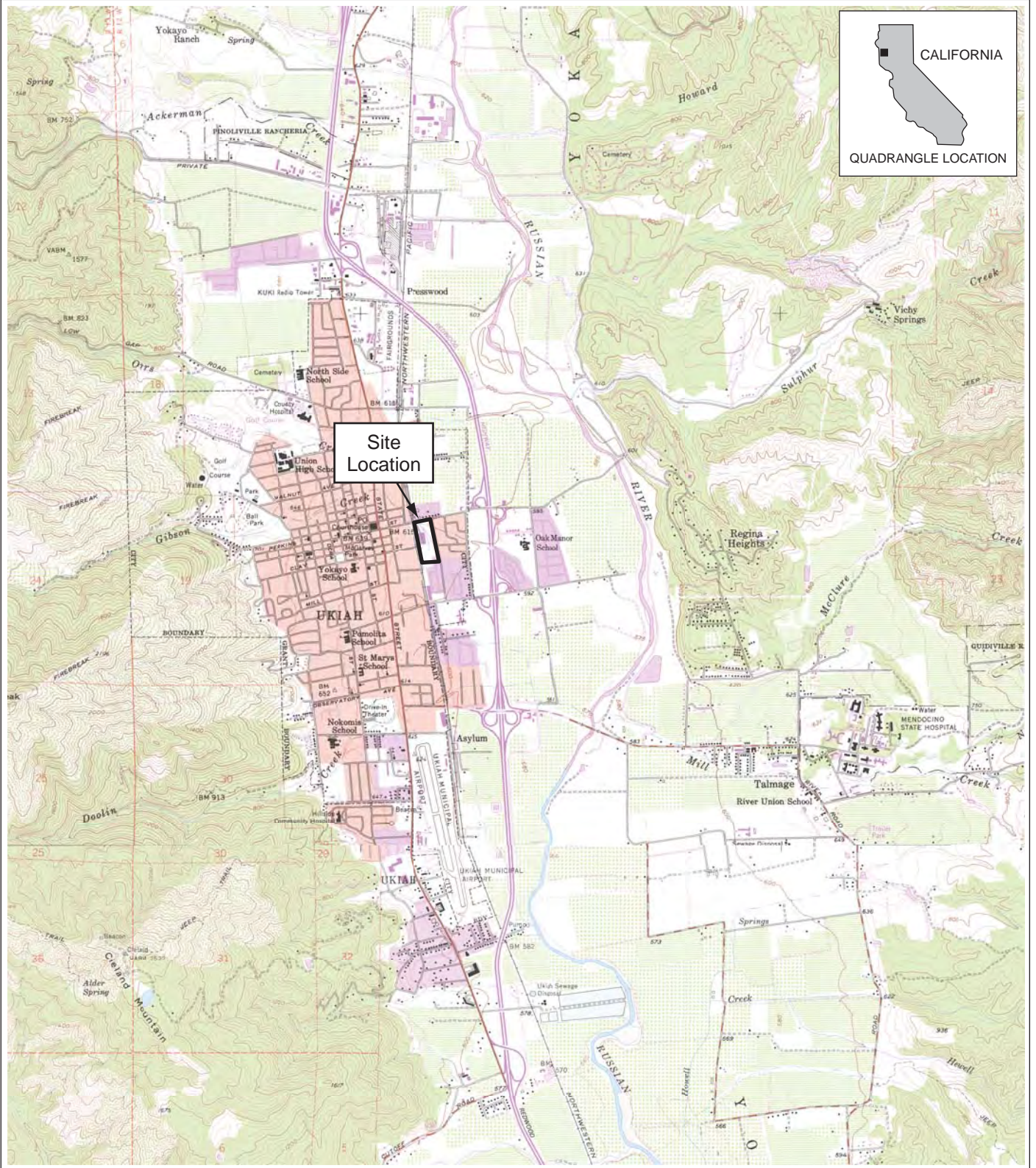
State of California, Department of Conservation, *Geologic Map of California*, 2010.

State of California, Department of Water Resources, *California's Groundwater Bulletin 118, Ukiah Valley Groundwater Basin*, 2004

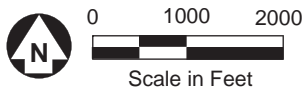
U.S. Geological Survey, *Water Supply Paper 1548, Geology and Groundwater in Russian River Valley Areas and in Round, Laytonville, and Little Lake Valleys, Sonoma and Mendocino Counties, California*, 1965.

## FIGURES



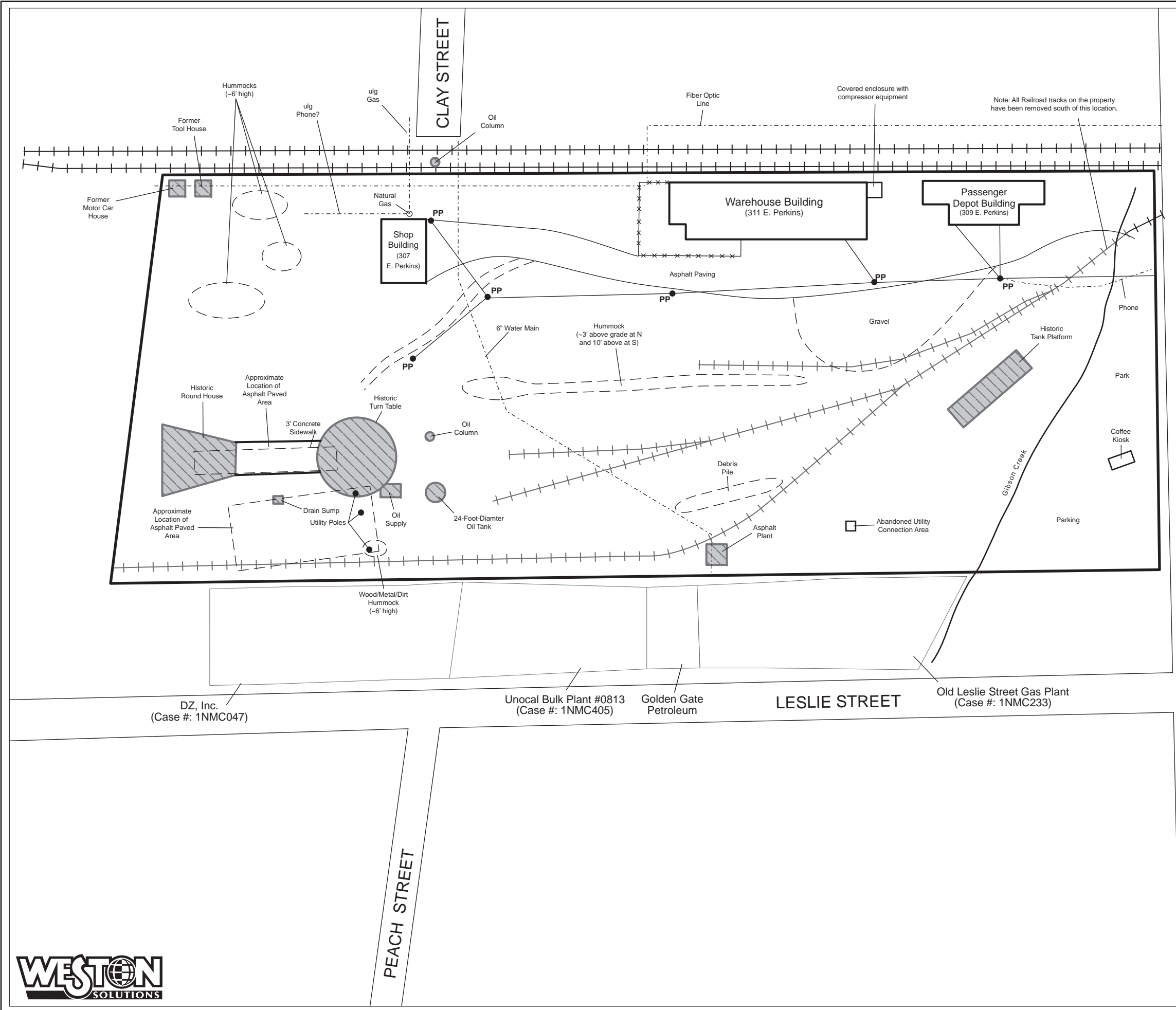


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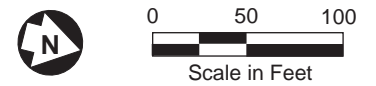


Site Vicinity Map  
Former Ukiah Rail Yard  
Ukiah, CA

Figure  
**1**



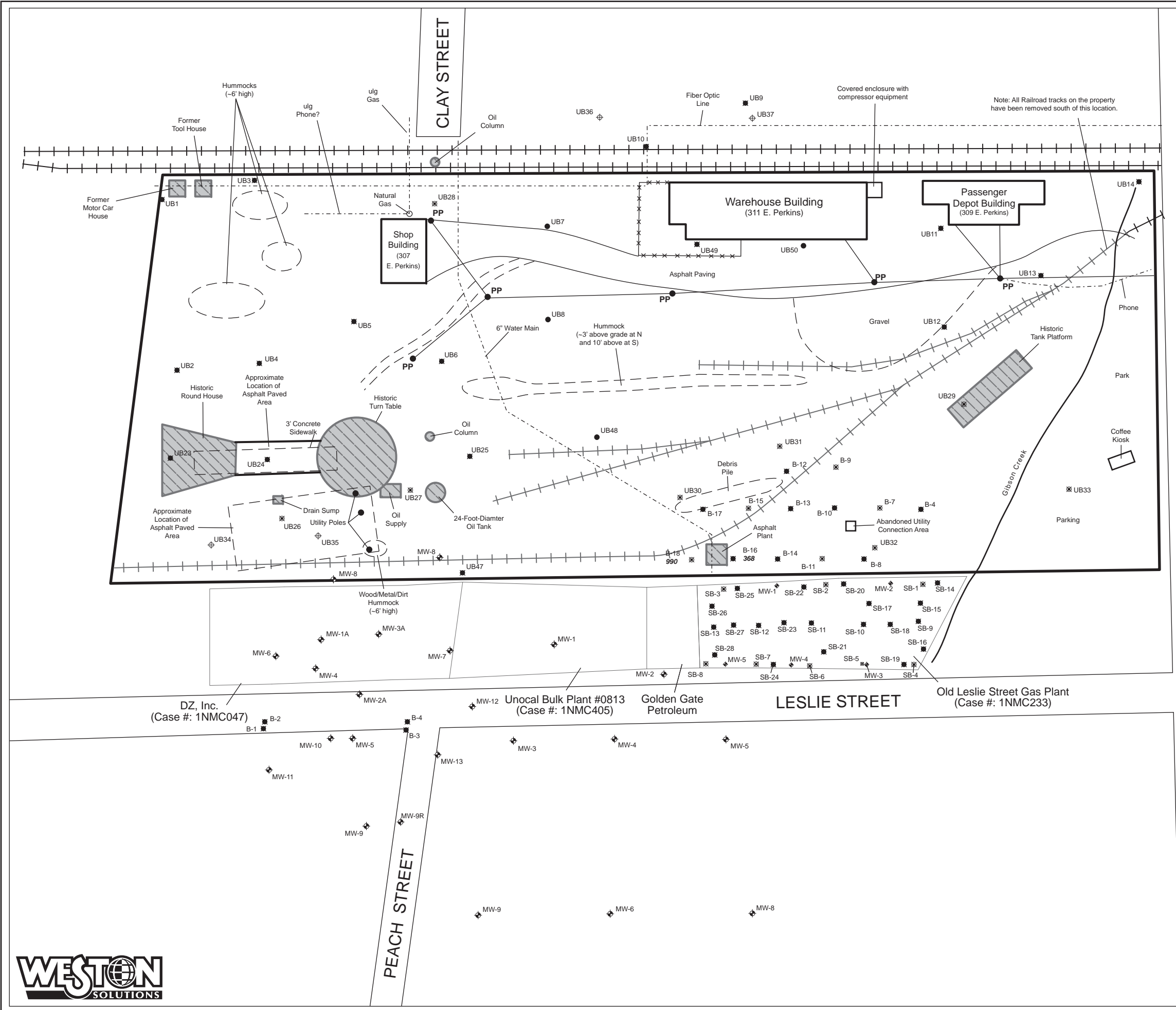
- Site Boundary (NCRWQCB Site ID # 1NMC397)
- Indicates historical feature for which no surface features were observed
- Overhead Power and Pole
- Historic or existing rail track
- Underground utility



Site Plan  
Former Ukiah Rail Yard  
Ukiah, CA



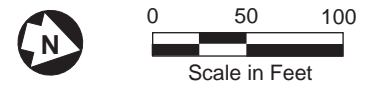




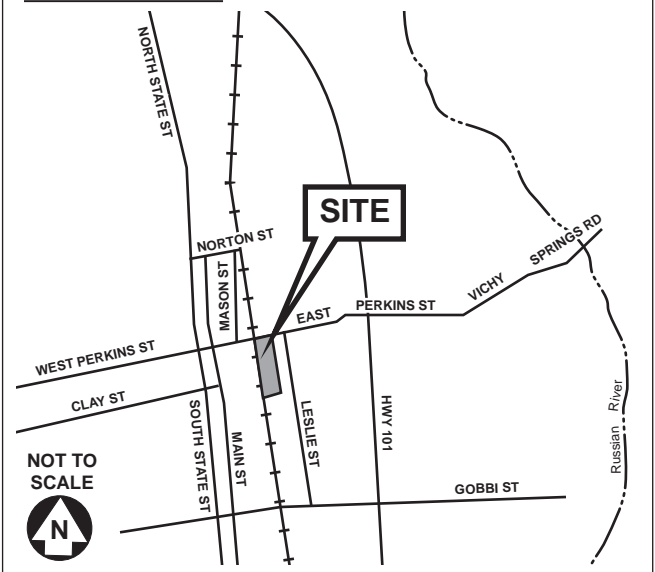
- Site Boundary (NCRWQCB Site ID # 1NMC397)
- Indicates historical feature for which no surface features were observed
- Overhead Power and Pole
- Historic or existing rail track
- Underground utility

**Sample Locations**

- Existing Monitoring
- Existing Soil Boring
- Existing Grab Groundwater
- Existing Soil and Grab Groundwater



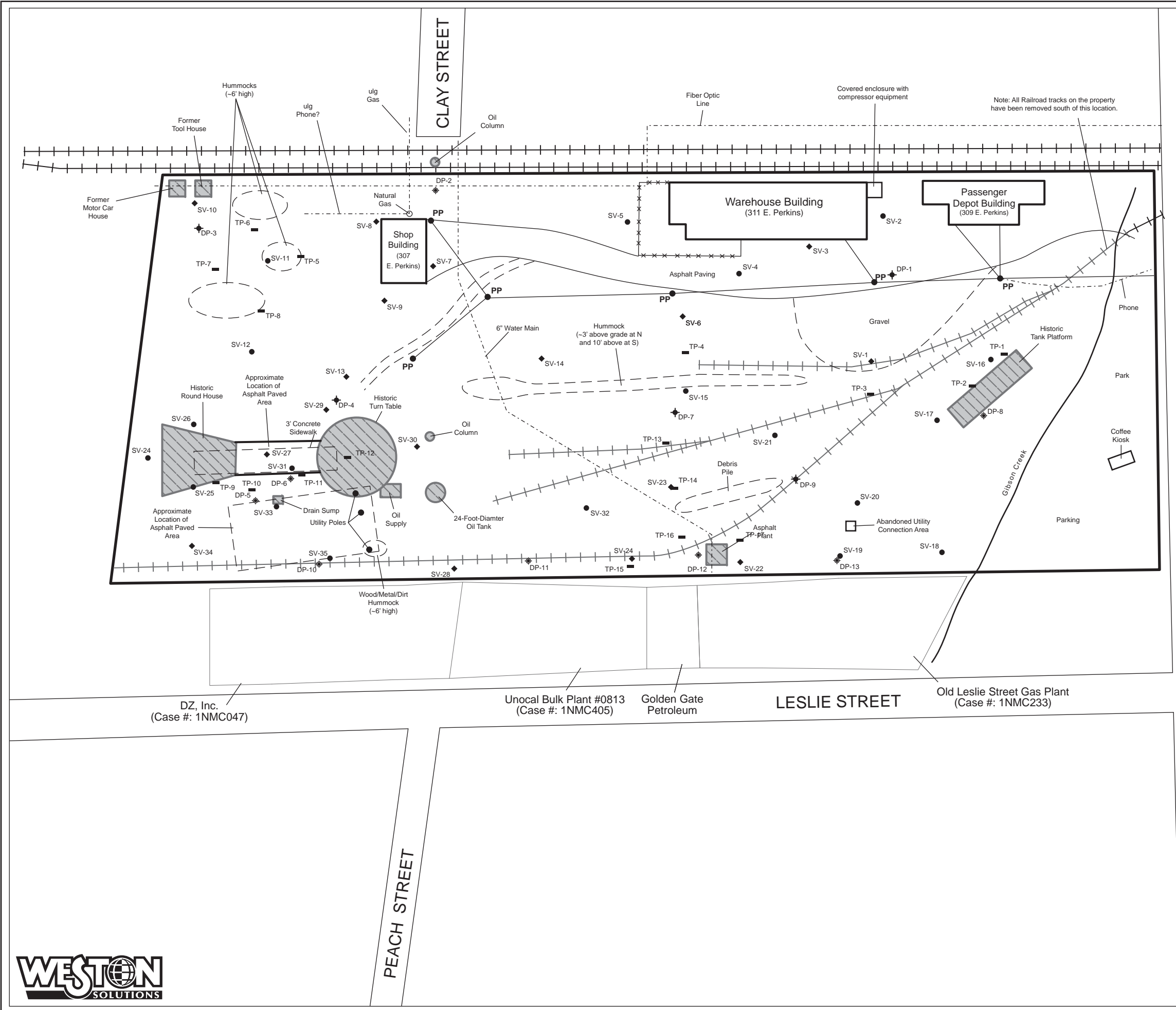
**LOCATION MAP**



Previous Environmental Investigation  
 Sample Locations  
 Former Ukiah Rail Yard  
 Ukiah, CA



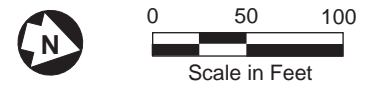




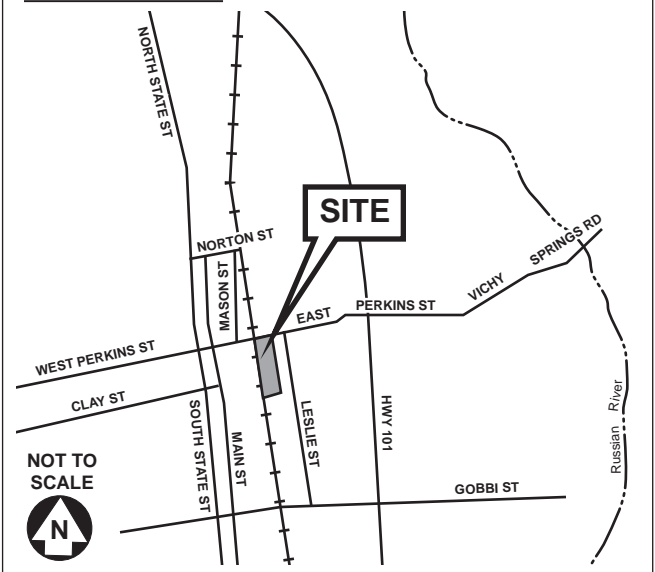
- Site Boundary (NCRWQCB Site ID # 1NMC397)
- Indicates historical feature for which no surface features were observed
- Overhead Power and Pole
- Historic or existing rail track
- Underground utility

December 2010/January 2011 Sample Locations (WESTON)

- DP-1 Direct Push Location to First Water
- DP-10 Direct Push Location to 30 ft. bgs
- SV-1 Soil Vapor Sample Location
- SV-3 Soil Vapor and Soil Sample Location
- TP-1 Test Pit Location
- BG-1 Geotech Boring Location



LOCATION MAP



Weston Environmental Investigation  
 Sample Locations  
 Former Ukiah Rail Yard  
 Ukiah, CA



**APPENDIX A**  
**SITE PHOTOGRAPHS**

photo 1



Depot Building. View to the southwest.

photo 2



East side of Warehouse Building. View to the northwest.

Photolog



Photolog  
**A-1**

photo 3



Exterior East Side of Shop Bldg. View to the north-northwest.

photo 4



Southern Portion of Warehouse Building from loft. View to the south-west.

Photolog



Photolog  
**A-2**

photo 5



Air compressor and equipment storage enclosure on north side of Warehouse Building. View to the west.

photo 6



Railline east of Property with Warehouse Building in background. View to the north.

Photolog



Photolog  
**A-3**



photo 7



North side of Shop Building (307 E. Perkins). View to the south.

photo 8



SW Interior of Shop Building. View to the southwest.

Photolog



Photolog  
**A-4**

photo 9



Probably Drum Staining on Cement in SW Corner of Shop Bldg. View to the south.

photo 10



View of Rail Property to the southeast.

Photolog



Photolog  
**A-5**

photo 11



Gibson Creek. View to the northwest.

Photolog



Photolog  
**A-6**



photo 12



Debris pile in central area of Property. View to the southeast.

photo 13



Former Leslie Street Gas Plant property. Subject property in background. View to the northeast.

Photolog



Photolog  
**A-7**

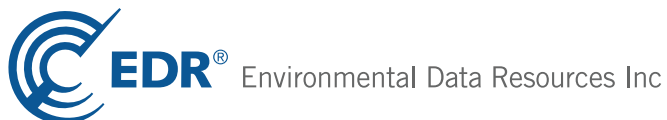
**APPENDIX B**  
**EDR REGULATORY RECORDS DOCUMENTATION**

**Former Ukiah Station**

Leslie Street/Peach Street  
Ukiah, CA 95482

Inquiry Number: 2928092.2s  
November 22, 2010

**The EDR Radius Map™ Report with GeoCheck®**



440 Wheelers Farms Road  
Milford, CT 06461  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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

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## EXECUTIVE SUMMARY

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

LESLIE STREET/PEACH STREET  
UKIAH, CA 95482

#### COORDINATES

Latitude (North): 39.149100 - 39° 8' 56.8"  
Longitude (West): 123.203100 - 123° 12' 11.2"  
Universal Transverse Mercator: Zone 10  
UTM X (Meters): 482449.7  
UTM Y (Meters): 4333134.0  
Elevation: 614 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 39123-B2 UKIAH, CA  
Most Recent Revision: 1975

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2006, 2005  
Source: USDA

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

### STANDARD ENVIRONMENTAL RECORDS

#### *Federal NPL site list*

NPL..... National Priority List

## EXECUTIVE SUMMARY

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

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

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

### ***Federal 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-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

### ***Federal institutional controls / engineering controls registries***

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

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***State- and tribal - equivalent NPL***

RESPONSE..... State Response Sites

### ***State and tribal leaking storage tank lists***

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

### ***State and tribal registered storage tank lists***

INDIAN UST..... Underground Storage Tanks on Indian Land  
FEMA UST..... Underground Storage Tank Listing

### ***State and tribal voluntary cleanup sites***

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

### **ADDITIONAL ENVIRONMENTAL RECORDS**

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

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

## EXECUTIVE SUMMARY

ODI.....	Open Dump Inventory
SWRCY.....	Recycler Database
HAULERS.....	Registered Waste Tire Haulers Listing
INDIAN ODI.....	Report on the Status of Open Dumps on Indian Lands

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

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

### **Local Land Records**

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

### **Records of Emergency Release Reports**

HMIRS.....	Hazardous Materials Information Reporting System
CHMIRS.....	California Hazardous Material Incident Report System
LDS.....	Land Disposal Sites Listing
MCS.....	Military Cleanup Sites Listing

### **Other Ascertainable Records**

DOT OPS.....	Incident and Accident Data
DOD.....	Department of Defense Sites
FUDS.....	Formerly Used Defense Sites
CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
CA BOND EXP. PLAN.....	Bond Expenditure Plan
WDS.....	Waste Discharge System
NPDES.....	NPDES Permits Listing
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
WIP.....	Well Investigation Program Case List
HAZNET.....	Facility and Manifest Data

## EXECUTIVE SUMMARY

EML.....	Emissions Inventory Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
PROC.....	Certified Processors Database
MWMP.....	Medical Waste Management Program Listing
COAL ASH DOE.....	Sleam-Electric Plan Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
HWP.....	EnviroStor Permitted Facilities Listing
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database

### 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

#### ***Federal CERCLIS NFRAP site List***

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

A review of the CERC-NFRAP list, as provided by EDR, and dated 06/23/2009 has revealed that there are 2 CERC-NFRAP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COHEN PROPERTY	307-311 S. MAIN ST.	W 1/8 - 1/4 (0.137 mi.)	D19	24
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PG&E GAS PLANT UKIAH	W SIDE LESLIE @PERKINS/	E 0 - 1/8 (0.007 mi.)	A1	7



## EXECUTIVE SUMMARY

### ***Federal RCRA generators list***

RCRA-LQG: 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.

A review of the RCRA-LQG list, as provided by EDR, and dated 02/17/2010 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CHEVRON 96361</b>	<b>605 E PERKINS ST</b>	<b>ENE 1/8 - 1/4 (0.210 mi.)</b>	<b>H51</b>	<b>55</b>

RCRA-SQG: 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 02/17/2010 has revealed that there are 7 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>REDWOOD AUTO SUPPLY</b>	<b>375 SOUTH MAIN STREET</b>	<b>W 1/8 - 1/4 (0.135 mi.)</b>	<b>F18</b>	<b>21</b>
<b>HOWARD CLEANERS AND SHIRT</b>	<b>295 NORTH MAIN STREET</b>	<b>WNW 1/8 - 1/4 (0.167 mi.)</b>	<b>I24</b>	<b>28</b>
<b>UKIAH VALLEY MEDICAL CENTER</b>	<b>275 HOSPITAL DRIVE</b>	<b>NNW 1/8 - 1/4 (0.172 mi.)</b>	<b>J27</b>	<b>30</b>
<b>MASTER CLEANER</b>	<b>502 STATE ST</b>	<b>W 1/8 - 1/4 (0.182 mi.)</b>	<b>F31</b>	<b>37</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>D Z INC</b>	<b>134 LESLIE ST</b>	<b>E 0 - 1/8 (0.025 mi.)</b>	<b>A7</b>	<b>12</b>
<b>MENDOCINO COUNTY PUBLIC HEALTH</b>	<b>631 SOUTH ORCHARD AVENUE</b>	<b>ESE 1/8 - 1/4 (0.201 mi.)</b>	<b>K43</b>	<b>48</b>
<b>PACIFIC BELL</b>	<b>126 N ORCHARD</b>	<b>ENE 1/8 - 1/4 (0.216 mi.)</b>	<b>53</b>	<b>60</b>

### ***State- and tribal - equivalent CERCLIS***

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies 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.

A review of the ENVIROSTOR list, as provided by EDR, and dated 08/18/2010 has revealed that there are

## EXECUTIVE SUMMARY

4 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SHARP BROTHERS AUTO WRECKERS Status: Refer: RWQCB	619 SOUTH STATE	WSW 1/8 - 1/4 (0.206 mi.)	O46	52
O'HAIR & REDWOOD OIL-CHEVRON Status: Refer: RWQCB	S STATE / OBSERVATORY	S 1/2 - 1 (0.694 mi.)	83	85

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>UKIAH RECYCLE &amp; SALVAGE</b> Status: Refer: RWQCB	<b>122 LESLIE STREET</b>	<b>E 0 - 1/8 (0.024 mi.)</b>	<b>A5</b>	<b>9</b>
SHELL OIL Status: Refer: RWQCB	134 LESLIE	E 0 - 1/8 (0.025 mi.)	A6	11

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

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, and dated 08/23/2010 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
YORK RANCH FILL SITE #4	1/2 MI W OF CAPELLA	E 1/8 - 1/4 (0.141 mi.)	21	25

### **State and tribal leaking storage tank lists**

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 10/28/2010 has revealed that there are 33 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HOLZHAUSER TRUST</b> Status: Completed - Case Closed	<b>CLAY STREET, EAST 276</b>	<b>W 0 - 1/8 (0.017 mi.)</b>	<b>B3</b>	<b>8</b>
<b>CHRYSTAL, DOROTHY</b> Status: Completed - Case Closed	<b>CLAY STREET, EAST 224</b>	<b>W 0 - 1/8 (0.099 mi.)</b>	<b>D14</b>	<b>19</b>
<b>UKIAH CO-OP</b> Status: Completed - Case Closed	<b>308/310 PERKINS ST E.</b>	<b>NNW 1/8 - 1/4 (0.130 mi.)</b>	<b>E16</b>	<b>21</b>
UKIAH CO-OP	PERKINS STREET, EAST 30	NNW 1/8 - 1/4 (0.130 mi.)	E17	21
<b>MENDO LAKE OFFICE EQUIPMENT</b>	<b>MAIN STREET, SOUTH 203</b>	<b>W 1/8 - 1/4 (0.141 mi.)</b>	<b>20</b>	<b>25</b>
<b>SEARS CATALOG STORE</b> Status: Completed - Case Closed	<b>STATE STREET, SOUTH 401</b>	<b>W 1/8 - 1/4 (0.158 mi.)</b>	<b>G22</b>	<b>26</b>
<b>STEVE'S SERVICE STATION</b> Status: Completed - Case Closed	<b>STATE STREET, SOUTH 315</b>	<b>W 1/8 - 1/4 (0.181 mi.)</b>	<b>G29</b>	<b>35</b>

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>UKIAH CREAMERY (FORMER)</b> Status: Completed - Case Closed	<b>MAIN STREET, NORTH 323</b>	<b>WNW 1/8 - 1/4 (0.184 mi.)</b>	<b>I32</b>	<b>39</b>
<b>SECURITY PACIFIC BANK</b> Status: Completed - Case Closed	<b>STATE STREET, SOUTH 300</b>	<b>W 1/8 - 1/4 (0.191 mi.)</b>	<b>L37</b>	<b>43</b>
<b>BOYD, HAROLD</b> Status: Completed - Case Closed	<b>STATE STREET, NORTH 200</b>	<b>W 1/8 - 1/4 (0.200 mi.)</b>	<b>N42</b>	<b>47</b>
<b>MCDPW UKIAH COURTHOUSE</b> Status: Open - Inactive	<b>STATE STREET, NORTH 100</b>	<b>W 1/8 - 1/4 (0.207 mi.)</b>	<b>N47</b>	<b>53</b>
SAFEWAY (UKIAH)	STATE STREET, SOUTH 635	WSW 1/8 - 1/4 (0.209 mi.)	O48	54
<b>SAVINGS BANK OF MENDOCINO /UK</b> Status: Completed - Case Closed	<b>SCHOOL STREET, NORTH 20</b>	<b>W 1/4 - 1/2 (0.253 mi.)</b>	<b>P59</b>	<b>68</b>
SBC FACILITY - STEPHENSON STRE Status: Completed - Case Closed	305 STEPHENSON STREET,	W 1/4 - 1/2 (0.300 mi.)	63	71
<b>CITY OF UKIAH ELECTRIC DEPARTM</b> Status: Completed - Case Closed	<b>300 SEMINARY AVENUE</b>	<b>W 1/4 - 1/2 (0.301 mi.)</b>	<b>64</b>	<b>71</b>
<b>USPS MAIN POST OFFICE, UKIAH</b> Status: Completed - Case Closed	<b>OAK STREET, NORTH 244</b>	<b>W 1/4 - 1/2 (0.303 mi.)</b>	<b>P65</b>	<b>73</b>
<b>MOTORSPORTS OF UKIAH</b> Status: Completed - Case Closed	<b>STATE STREET, SOUTH 724</b>	<b>SSW 1/4 - 1/2 (0.311 mi.)</b>	<b>Q66</b>	<b>74</b>
<b>FIRST BAPTIST CHURCH</b> Status: Completed - Case Closed	<b>SMITH STREET, WEST 300</b>	<b>W 1/4 - 1/2 (0.313 mi.)</b>	<b>67</b>	<b>74</b>
<b>WALKER PROPERTY</b> Status: Completed - Case Closed	<b>CLARA AVENUE 195</b>	<b>NNW 1/4 - 1/2 (0.341 mi.)</b>	<b>69</b>	<b>75</b>
<b>SHELL, STEFANI</b> Status: Open - Remediation	<b>STATE STREET, NORTH 406</b>	<b>NW 1/4 - 1/2 (0.344 mi.)</b>	<b>70</b>	<b>76</b>
<b>RITE AID STORE #6033</b>	<b>STATE STREET, SOUTH 680</b>	<b>SW 1/4 - 1/2 (0.354 mi.)</b>	<b>Q72</b>	<b>79</b>
<b>EXXON, SOUTH STATE STREET</b> Status: Completed - Case Closed	<b>STATE STREET, SOUTH 734</b>	<b>SSW 1/4 - 1/2 (0.355 mi.)</b>	<b>S73</b>	<b>79</b>
UKIAH, CITY OF /CIVIC CENTER	SEMINARY AVENUE 300	WSW 1/4 - 1/2 (0.381 mi.)	75	81
<b>EDDY, RUSTY</b> Status: Completed - Case Closed	<b>JONES STREET 508</b>	<b>WSW 1/4 - 1/2 (0.416 mi.)</b>	<b>80</b>	<b>82</b>
<b>TEXACO, FLOYD'S</b> Status: Completed - Case Closed	<b>STATE STREET, SOUTH 777</b>	<b>SSW 1/4 - 1/2 (0.432 mi.)</b>	<b>81</b>	<b>83</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>K-MART #9139</b> Status: Completed - Case Closed	<b>PERKINS STREET, EAST 50</b>	<b>ENE 0 - 1/8 (0.095 mi.)</b>	<b>C12</b>	<b>17</b>
<b>BP, EAST PERKINS</b> Status: Completed - Case Closed	<b>PERKINS STREET, EAST 59</b>	<b>ENE 1/8 - 1/4 (0.167 mi.)</b>	<b>H23</b>	<b>27</b>
<b>CIRCLE K (FORMER TOSCO)</b> Status: Completed - Case Closed	<b>795 PERKINS</b>	<b>ENE 1/4 - 1/2 (0.256 mi.)</b>	<b>60</b>	<b>69</b>
FAST AND EASY MART Status: Open - Site Assessment	390 GOBBI STREET, EAST	SSE 1/4 - 1/2 (0.259 mi.)	61	69
<b>DIBBLE INVESTMENTS/CHEVRON</b> Status: Completed - Case Closed	<b>GOBBI STREET, EAST 187</b>	<b>S 1/4 - 1/2 (0.279 mi.)</b>	<b>62</b>	<b>70</b>
CIRCLE K (FORMER TOSCO)	EAST PERKINS STREET 795	E 1/4 - 1/2 (0.332 mi.)	R68	75
TEXACO SERVICE STATION (FORMER Status: Open - Site Assessment	704 PERKINS STREET, EAS	ENE 1/4 - 1/2 (0.414 mi.)	T77	81

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TEXACO (FORMER) SERVICE STATIO	PERKINS STREET EAST 704	ENE 1/4 - 1/2 (0.414 mi.)	T79	82

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 10/28/2010 has revealed that there are 7 SLIC sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>RITE AID STORE #6033</b> Facility Status: Open - Site Assessment	<b>STATE STREET, SOUTH 680</b>	<b>SW 1/4 - 1/2 (0.354 mi.)</b>	<b>Q72</b>	<b>79</b>
AMERICAN SAVINGS BANK Facility Status: Open - Site Assessment	700 STATE STREET, SOUTH	SSW 1/4 - 1/2 (0.362 mi.)	S74	80

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OLD LESLIE STREET GAS PLANT Facility Status: Open - Site Assessment	LESLIE STREET	E 0 - 1/8 (0.007 mi.)	A2	8
<b>UKIAH RECYCLE &amp; SALVAGE</b> Facility Status: Open - Remediation	<b>122 LESLIE STREET</b>	<b>E 0 - 1/8 (0.024 mi.)</b>	<b>A5</b>	<b>9</b>
DZ, INC. Facility Status: Open - Remediation	134 LESLIE STREET	E 0 - 1/8 (0.025 mi.)	A8	13
<b>K-MART #9139</b> Facility Status: Completed - Case Closed	<b>PERKINS STREET, EAST 50</b>	<b>ENE 0 - 1/8 (0.095 mi.)</b>	<b>C12</b>	<b>17</b>
RCHDC CLARA AVENUE SITE Facility Status: Open - Assessment & Interim Remedial Action	578 CLARA AVENUE	NNE 1/4 - 1/2 (0.391 mi.)	76	81

### **State and tribal registered storage tank lists**

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 10/28/2010 has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CALIFORNIA HIGHWAY PATROL USA #68229 (PRK UK)	540 S ORCHARD AVE 585 E PERKINS ST	E 1/8 - 1/4 (0.182 mi.) ENE 1/8 - 1/4 (0.189 mi.)	K30 H33	37 40
CENTRAL UKIAH CHEVRON	605 E PERKINS ST	ENE 1/8 - 1/4 (0.210 mi.)	H50	55

## EXECUTIVE SUMMARY

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the AST list, as provided by EDR, and dated 08/01/2009 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
UKIAH VALLEY MED CTR 1	275 HOSPITAL DR	NNW 1/8 - 1/4 (0.172 mi.)	J26	30

### ADDITIONAL ENVIRONMENTAL RECORDS

#### **Local Brownfield lists**

US BROWNFIELDS: The EPA's listing of Brownfields properties addressed by Cooperative Agreement Recipients and Brownfields properties addressed by Targeted Brownfields Assessments

A review of the US BROWNFIELDS list, as provided by EDR, and dated 06/24/2010 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
UKIAH, CITY OF	PERKINS STREET	E 0 - 1/8 (0.049 mi.)	A10	15

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

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there is 1 WMUDS/SWAT site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>UKIAH CITY SWDS</i>	<i>VICHI SPRINGS RD</i>	<i>E 1/4 - 1/2 (0.346 mi.)</i>	<i>R71</i>	<i>77</i>

#### **Local Lists of Registered Storage Tanks**

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 7 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>UKIAH VALLEY MEDICAL CENTER</i>	<i>275 HOSPITAL DRIVE</i>	<i>NNW 1/8 - 1/4 (0.172 mi.)</i>	<i>J27</i>	<i>30</i>
<i>STEVE'S SERVICE STATION</i>	<i>STATE STREET, SOUTH 315</i>	<i>W 1/8 - 1/4 (0.181 mi.)</i>	<i>G29</i>	<i>35</i>
<i>MENDOCINO COUNTY COURTHOUSE</i>	<i>100 N STATE ST</i>	<i>W 1/8 - 1/4 (0.196 mi.)</i>	<i>N41</i>	<i>46</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>BEACON STATION 1-678/ULTRAMAR,</i>	<i>585 E PERKINS ST</i>	<i>ENE 1/8 - 1/4 (0.189 mi.)</i>	<i>H34</i>	<i>40</i>

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>EAST PERKINS BP/RINEHART OIL, CHEVRON #96361</i>	<i>596 E PERKINS ST 605 E PERKINS ST</i>	<i>ENE 1/8 - 1/4 (0.203 mi.) ENE 1/8 - 1/4 (0.210 mi.)</i>	<i>H44 H52</i>	<i>49 59</i>
<i>HERB'S TEXACO/RINEHART OIL, IN</i>	<i>704 E PERKINS ST</i>	<i>ENE 1/8 - 1/4 (0.219 mi.)</i>	<i>H55</i>	<i>63</i>

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 are 11 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>FULLERTON EQUIPMENT CO. INC.</i>	<i>265 E CLAY ST</i>	<i>W 0 - 1/8 (0.034 mi.)</i>	<i>B9</i>	<i>13</i>
UKIAH POLICE DEPT.	280 E STANDLEY ST	WNW 0 - 1/8 (0.087 mi.)	11	16
DIAMOND LUMBER, INC.	235 E PERKINS ST	W 0 - 1/8 (0.114 mi.)	15	20
UKIAH ADVENTIST HOSPITAL	275 HOSPITAL DR	NNW 1/8 - 1/4 (0.172 mi.)	J28	34
JOHN'S UNION 76	315 S STATE ST	W 1/8 - 1/4 (0.191 mi.)	L35	41
UNION OIL SS#2901	315 S STATE ST	W 1/8 - 1/4 (0.191 mi.)	L36	42
DON LOEHR'S AUTO SERVICE	406 N STATE ST	WNW 1/8 - 1/4 (0.242 mi.)	56	65

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KMART ENTERPRISES	504 E PERKINS ST	ENE 0 - 1/8 (0.097 mi.)	C13	19
EAST PERKINS MOBIL	596 E PERKINS ST	ENE 1/8 - 1/4 (0.203 mi.)	H45	51
96361	605 E PERKINS ST	ENE 1/8 - 1/4 (0.210 mi.)	H49	54
EAST PERKINS TEXACO	704 E PERKINS ST	ENE 1/8 - 1/4 (0.219 mi.)	H54	62

SWEEPS UST: 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.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 7 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>UKIAH VALLEY MEDICAL CENTER</i>	<i>275 HOSPITAL DRIVE</i>	<i>NNW 1/8 - 1/4 (0.172 mi.)</i>	<i>J27</i>	<i>30</i>
<i>STEVE'S SERVICE STATION</i>	<i>STATE STREET, SOUTH 315</i>	<i>W 1/8 - 1/4 (0.181 mi.)</i>	<i>G29</i>	<i>35</i>
<i>MENDOCINO COUNTY COURTHOUSE</i>	<i>100 N STATE ST</i>	<i>W 1/8 - 1/4 (0.196 mi.)</i>	<i>N41</i>	<i>46</i>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>BEACON STATION 1-678/ULTRAMAR,</i>	<i>585 E PERKINS ST</i>	<i>ENE 1/8 - 1/4 (0.189 mi.)</i>	<i>H34</i>	<i>40</i>
<i>EAST PERKINS BP/RINEHART OIL,</i>	<i>596 E PERKINS ST</i>	<i>ENE 1/8 - 1/4 (0.203 mi.)</i>	<i>H44</i>	<i>49</i>
<i>CHEVRON #96361</i>	<i>605 E PERKINS ST</i>	<i>ENE 1/8 - 1/4 (0.210 mi.)</i>	<i>H52</i>	<i>59</i>
<i>HERB'S TEXACO/RINEHART OIL, IN</i>	<i>704 E PERKINS ST</i>	<i>ENE 1/8 - 1/4 (0.219 mi.)</i>	<i>H55</i>	<i>63</i>

## EXECUTIVE SUMMARY

### **Other Ascertainable Records**

RCRA-NonGen: 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.

A review of the RCRA-NonGen list, as provided by EDR, and dated 02/17/2010 has revealed that there is 1 RCRA-NonGen site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>PACIFIC BELL</b>	<b>510 S SCHOOL ST</b>	<b>WSW 1/8 - 1/4 (0.250 mi.)</b>	<b>58</b>	<b>66</b>

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 [CALSTITES].

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 26 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HOLZHAUSER TRUST</b>	<b>CLAY STREET, EAST 276</b>	<b>W 0 - 1/8 (0.017 mi.)</b>	<b>B3</b>	<b>8</b>
<b>CHRYSTAL, DOROTHY</b>	<b>CLAY STREET, EAST 224</b>	<b>W 0 - 1/8 (0.099 mi.)</b>	<b>D14</b>	<b>19</b>
<b>UKIAH CO-OP</b>	<b>308/310 PERKINS ST E.</b>	<b>NNW 1/8 - 1/4 (0.130 mi.)</b>	<b>E16</b>	<b>21</b>
<b>MENDO LAKE OFFICE EQUIPMENT</b>	<b>MAIN STREET, SOUTH 203</b>	<b>W 1/8 - 1/4 (0.141 mi.)</b>	<b>20</b>	<b>25</b>
<b>SEARS CATALOG STORE</b>	<b>STATE STREET, SOUTH 401</b>	<b>W 1/8 - 1/4 (0.158 mi.)</b>	<b>G22</b>	<b>26</b>
<b>STEVE'S SERVICE STATION</b>	<b>STATE STREET, SOUTH 315</b>	<b>W 1/8 - 1/4 (0.181 mi.)</b>	<b>G29</b>	<b>35</b>
<b>UKIAH CREAMERY (FORMER)</b>	<b>MAIN STREET, NORTH 323</b>	<b>WNW 1/8 - 1/4 (0.184 mi.)</b>	<b>I32</b>	<b>39</b>
<b>SECURITY PACIFIC BANK</b>	<b>STATE STREET, SOUTH 300</b>	<b>W 1/8 - 1/4 (0.191 mi.)</b>	<b>L37</b>	<b>43</b>
<b>BOYD, HAROLD</b>	<b>STATE STREET, NORTH 200</b>	<b>W 1/8 - 1/4 (0.200 mi.)</b>	<b>N42</b>	<b>47</b>
<b>MCDPW UKIAH COURTHOUSE</b>	<b>STATE STREET, NORTH 100</b>	<b>W 1/8 - 1/4 (0.207 mi.)</b>	<b>N47</b>	<b>53</b>
<b>SAVINGS BANK OF MENDOCINO /UK</b>	<b>SCHOOL STREET, NORTH 20</b>	<b>W 1/4 - 1/2 (0.253 mi.)</b>	<b>P59</b>	<b>68</b>
<b>CITY OF UKIAH ELECTRIC DEPARTM</b>	<b>300 SEMINARY AVENUE</b>	<b>W 1/4 - 1/2 (0.301 mi.)</b>	<b>64</b>	<b>71</b>
<b>USPS MAIN POST OFFICE, UKIAH</b>	<b>OAK STREET, NORTH 244</b>	<b>W 1/4 - 1/2 (0.303 mi.)</b>	<b>P65</b>	<b>73</b>
<b>MOTORSPORTS OF UKIAH</b>	<b>STATE STREET, SOUTH 724</b>	<b>SSW 1/4 - 1/2 (0.311 mi.)</b>	<b>Q66</b>	<b>74</b>
<b>FIRST BAPTIST CHURCH</b>	<b>SMITH STREET, WEST 300</b>	<b>W 1/4 - 1/2 (0.313 mi.)</b>	<b>67</b>	<b>74</b>
<b>WALKER PROPERTY</b>	<b>CLARA AVENUE 195</b>	<b>NNW 1/4 - 1/2 (0.341 mi.)</b>	<b>69</b>	<b>75</b>
<b>SHELL, STEFANI</b>	<b>STATE STREET, NORTH 406</b>	<b>NW 1/4 - 1/2 (0.344 mi.)</b>	<b>70</b>	<b>76</b>
<b>RITE AID STORE #6033</b>	<b>STATE STREET, SOUTH 680</b>	<b>SW 1/4 - 1/2 (0.354 mi.)</b>	<b>Q72</b>	<b>79</b>
<b>EXXON, SOUTH STATE STREET</b>	<b>STATE STREET, SOUTH 734</b>	<b>SSW 1/4 - 1/2 (0.355 mi.)</b>	<b>S73</b>	<b>79</b>
<b>EDDY, RUSTY</b>	<b>JONES STREET 508</b>	<b>WSW 1/4 - 1/2 (0.416 mi.)</b>	<b>80</b>	<b>82</b>
<b>TEXACO, FLOYD'S</b>	<b>STATE STREET, SOUTH 777</b>	<b>SSW 1/4 - 1/2 (0.432 mi.)</b>	<b>81</b>	<b>83</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>K-MART #9139</b>	<b>PERKINS STREET, EAST 50</b>	<b>ENE 0 - 1/8 (0.095 mi.)</b>	<b>C12</b>	<b>17</b>
<b>BP, EAST PERKINS</b>	<b>PERKINS STREET, EAST 59</b>	<b>ENE 1/8 - 1/4 (0.167 mi.)</b>	<b>H23</b>	<b>27</b>
<b>CIRCLE K (FORMER TOSCO)</b>	<b>795 PERKINS</b>	<b>ENE 1/4 - 1/2 (0.256 mi.)</b>	<b>60</b>	<b>69</b>
<b>DIBBLE INVESTMENTS/CHEVRON</b>	<b>GOBBI STREET, EAST 187</b>	<b>S 1/4 - 1/2 (0.279 mi.)</b>	<b>62</b>	<b>70</b>
<b>TEXACO (FORMER) SERVICE S</b>	<b>704 PERKINS</b>	<b>ENE 1/4 - 1/2 (0.414 mi.)</b>	<b>T78</b>	<b>82</b>

## EXECUTIVE SUMMARY

Notify 65: Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>UPS</i>	<i>259 CHERRY ST</i>	<i>S 1/2 - 1 (0.581 mi.)</i>	<i>82</i>	<i>84</i>

DRYCLEANERS: 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 cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholstery cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, and dated 09/15/2010 has revealed that there are 4 DRYCLEANERS sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HOWARDS CLEANERS	295 N MAIN	WNW 1/8 - 1/4 (0.167 mi.)	I25	29
MASTER CLEANER	502-504 S. STATE ST	W 1/8 - 1/4 (0.195 mi.)	M39	44
<b>MASTERS CLEANERS</b>	<b>502 SOUTH STATE ST</b>	<b>W 1/8 - 1/4 (0.195 mi.)</b>	<b>M40</b>	<b>44</b>
MASTER CLEANERS	195 SEMINARY AVE	W 1/8 - 1/4 (0.245 mi.)	M57	66

HWT: 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.

A review of the HWT list, as provided by EDR, and dated 10/19/2010 has revealed that there is 1 HWT site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MENDOCINO SOLID WASTE MANAGEME	101 WEST CHURCH STREET	W 1/8 - 1/4 (0.195 mi.)	L38	44

### EDR PROPRIETARY RECORDS

#### ***EDR Proprietary Records***

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.

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there is 1



## EXECUTIVE SUMMARY

Manufactured Gas Plants site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PG AND E GAS PLANT UKIAH	W SIDE LESLIE AT PERKIN	E 0 - 1/8 (0.017 mi.)	A4	9

## EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
LP YORK RANCH WWDS #3	WMUDS/SWAT,WDS,LDS
KEN FOWLER MOTORS, INC.	SWEEPS UST
UKIAH FSS	SWEEPS UST
UKIAH SEWAGE TREATMENT PLANT	FID,HIST UST
LP YORK RANCH WWDS #4	WMUDS/SWAT
CALIFORNIA HIGHWAY PATROL/UKIAH AR	HAZNET
CITY OF UKIAH	HAZNET
TESORO WEST COAST CO LLC NO 68229	RCRA-SQG
HWY 101 AT 1 ST RT 252 SOUTH OF UK	ERNS
MONITORING STATION	FINDS
CITY OF UKIAH WATER TREATMENT PLAN	FINDS
UKIAH, CITY OF	FINDS
MONITORING STATION	FINDS
MONITORING STATION	FINDS
UKIAH, CITY OF	FINDS
MONITORING STATION	FINDS
UKIAH CITY DUMP @ LOW GAP	FINDS
UKIAH MUNI	FINDS
COAST WOOD PRESERVING, INC.	BEP
ERICKSON BROS AUTO WRECKERS	ENVIROSTOR

# OVERVIEW MAP - 2928092.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

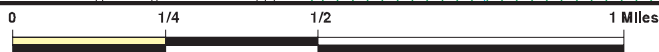
Indian Reservations BIA

Oil & Gas pipelines

100-year flood zone

500-year flood zone

Areas of Concern

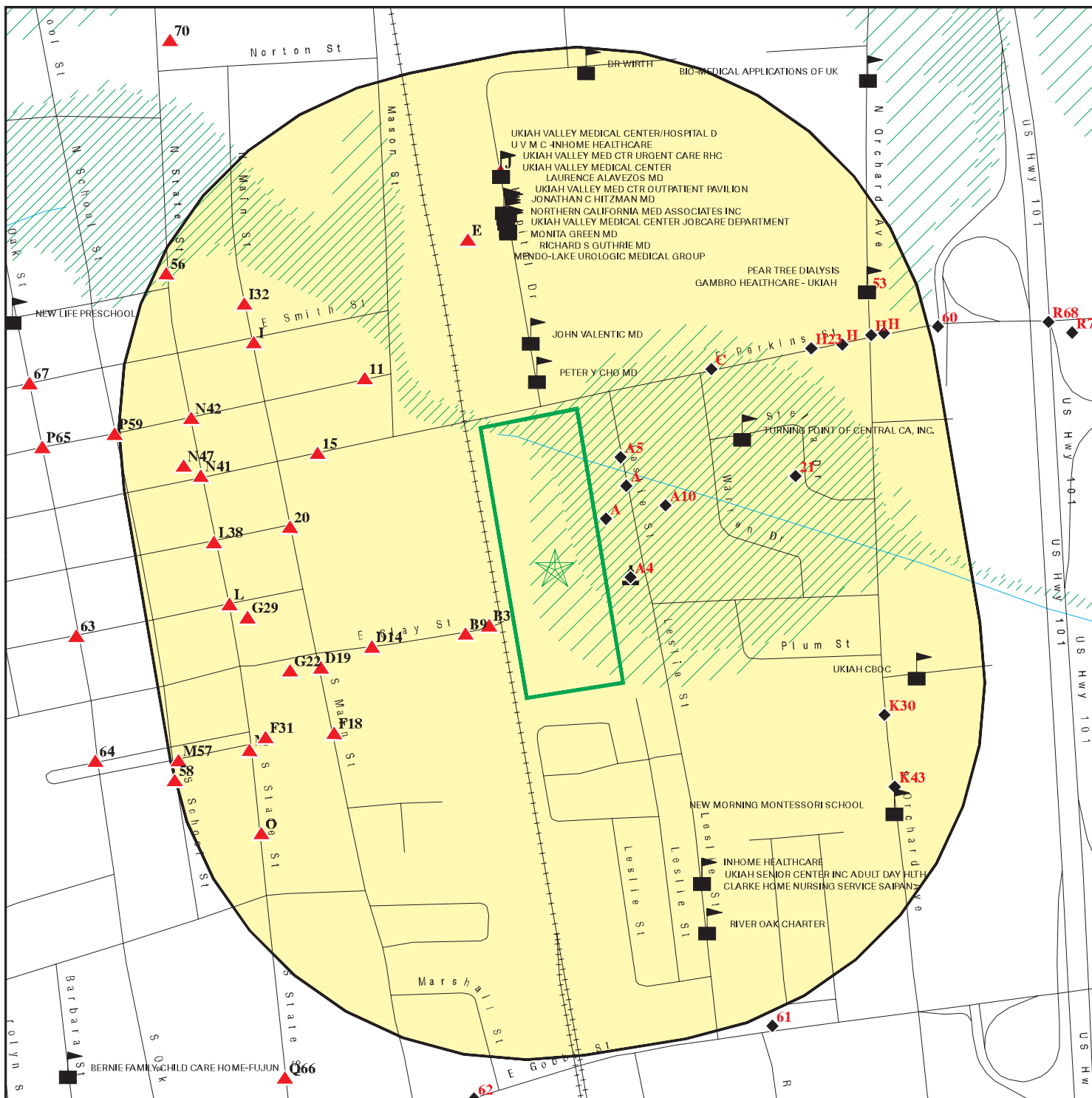


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Former Ukiah Station  
 ADDRESS: Leslie Street/Peach Street  
 Ukiah CA 95482  
 LAT/LONG: 39.1491 / 123.2031

CLIENT: Weston Solutions, Inc.  
 CONTACT: Greg Stuesse  
 INQUIRY #: 2928092.2s  
 DATE: November 22, 2010 3:20 pm

# DETAIL MAP - 2928092.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Oil & Gas pipelines

100-year flood zone

500-year flood zone

Areas of Concern



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

SITE NAME: Former Ukiah Station  
 ADDRESS: Leslie Street/Peach Street  
 Ukiah CA 95482  
 LAT/LONG: 39.1491 / 123.2031

CLIENT: Weston Solutions, Inc.  
 CONTACT: Greg Stuesse  
 INQUIRY #: 2928092.2s  
 DATE: November 22, 2010 3:21 pm

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL		1.000	0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP		0.500	1	1	0	NR	NR	2
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS		1.000	0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG		0.250	0	1	NR	NR	NR	1
RCRA-SQG		0.250	1	6	NR	NR	NR	7
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS		TP	NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL</i></b>								
RESPONSE		1.000	0	0	0	0	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
ENVIROSTOR		1.000	2	1	0	1	NR	4
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF		0.500	0	1	0	NR	NR	1
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST		0.500	3	11	19	NR	NR	33
SLIC		0.500	4	0	3	NR	NR	7

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST		0.500	0	0	0	NR	NR	0
<b>State and tribal registered storage tank lists</b>								
UST		0.250	0	3	NR	NR	NR	3
AST		0.250	0	1	NR	NR	NR	1
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
INDIAN VCP		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS		0.500	1	0	0	NR	NR	1
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	1	NR	NR	1
SWRCY		0.500	0	0	0	NR	NR	0
HAULERS		TP	NR	NR	NR	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US CDL		TP	NR	NR	NR	NR	NR	0
HIST Cal-Sites		1.000	0	0	0	0	NR	0
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
CA FID UST		0.250	0	7	NR	NR	NR	7
HIST UST		0.250	4	7	NR	NR	NR	11
SWEEPS UST		0.250	0	7	NR	NR	NR	7
<b>Local Land Records</b>								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
LIENS		TP	NR	NR	NR	NR	NR	0
DEED		0.500	0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS		TP	NR	NR	NR	NR	NR	0
CHMIRS		TP	NR	NR	NR	NR	NR	0
LDS		TP	NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MCS		TP	NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA-NonGen		0.250	0	1	NR	NR	NR	1
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN		1.000	0	0	0	0	NR	0
WDS		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
Cortese		0.500	0	0	0	NR	NR	0
HIST CORTESE		0.500	3	9	14	NR	NR	26
Notify 65		1.000	0	0	0	1	NR	1
DRYCLEANERS		0.250	0	4	NR	NR	NR	4
WIP		0.250	0	0	NR	NR	NR	0
HAZNET		TP	NR	NR	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
PROC		0.500	0	0	0	NR	NR	0
MWMP		0.250	0	0	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
HWT		0.250	0	1	NR	NR	NR	1
HWP		1.000	0	0	0	0	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0

### EDR PROPRIETARY RECORDS

#### **EDR Proprietary Records**

Manufactured Gas Plants		1.000	1	0	0	0	NR	1
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#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**A1**  
**East**  
**< 1/8**  
**0.007 mi.**  
**38 ft.**

**PG&E GAS PLANT UKIAH**  
**W SIDE LESLIE @PERKINS/PEACH**  
**UKIAH, CA 95482**

**CERC-NFRAP**    **1003878875**  
**CAD981414923**

**Site 1 of 8 in cluster A**

**Relative:**  
**Lower**

CERC-NFRAP:  
Site ID: 0902339  
Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: NFRAP

**Actual:**  
**612 ft.**

CERCLIS-NFRAP Site Contact Name(s):

Contact Title: Not reported  
Contact Name: Carl Brickner  
Contact Tel: (415) 972-3814

Contact Title: Not reported  
Contact Name: Brunilda Davila  
Contact Tel: (415) 972-3162

Contact Title: Not reported  
Contact Name: Jeff Inglis  
Contact Tel: (415) 972-3095

Contact Title: Not reported  
Contact Name: Karen Jurist  
Contact Tel: (415) 972-3219

Contact Title: Not reported  
Contact Name: Matt Mitguard  
Contact Tel: (415) 972-3096

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY  
Date Started: Not reported  
Date Completed: 06/01/1986  
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
Date Started: Not reported  
Date Completed: 12/01/1987  
Priority Level: NFRAP: No further Remedial Action planned

Action: ARCHIVE SITE  
Date Started: Not reported  
Date Completed: 12/01/1987  
Priority Level: Not reported



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**A2**      **OLD LESLIE STREET GAS PLANT**  
**East**    **LESLIE STREET**  
**< 1/8**    **UKIAH, CA 95482**  
**0.007 mi.**  
**38 ft.**    **Site 2 of 8 in cluster A**

**SLIC**    **S105691383**  
**N/A**

**Relative:**  
**Lower**

SLIC:

Region: STATE  
**Facility Status: Open - Site Assessment**

**Actual:**  
**612 ft.**

Status Date: 2007-03-21 00:00:00  
Global Id: T0604593285  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Lead Agency Case Number: Not reported  
Latitude: 39.14981944  
Longitude: -123.2023528  
Case Type: Cleanup Program Site  
Case Worker: CSH  
Local Agency: MENDOCINO COUNTY  
RB Case Number: 1NMC233  
File Location: Regional Board  
Potential Media Affected: Soil, Under Investigation  
Potential Contaminants of Concern: Other Petroleum, Polynuclear aromatic hydrocarbons (PAHs)  
Site History: This site was a former city manufactured gas plant, which converted oil to gas in the first half of the 20th century. That operation resulted in the contamination of soil and groundwater at the site.

[Click here to access the California GeoTracker records for this facility:](#)

SLIC:

Region: 1  
Facility ID: 1NMC233  
Staff Initials: CSH

**B3**      **HOLZHAUSER TRUST**  
**West**    **CLAY STREET, EAST 276**  
**< 1/8**    **UKIAH, CA**  
**0.017 mi.**  
**91 ft.**    **Site 1 of 2 in cluster B**

**HIST CORTESE**    **S102431450**  
**LUST**            **N/A**

**Relative:**  
**Higher**

CORTESE:

Region: CORTESE  
Facility County Code: 23  
Reg By: LTNKA  
Reg Id: 1TMC065

**Actual:**  
**616 ft.**

LUST:

Region: STATE  
Global Id: T0604500056  
Latitude: 47.6175369  
Longitude: -122.3500452  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 1999-07-02 00:00:00  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Case Worker: ZZZ  
Local Agency: MENDOCINO COUNTY  
RB Case Number: 1TMC065  
LOC Case Number: Not reported  
File Location: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HOLZHAUSER TRUST (Continued)**

**S102431450**

Potential Media Affect: Aquifer used for drinking water supply  
 Potential Contaminants of Concern: Gasoline  
 Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

LUST REG 1:

Region: 1  
 Facility ID: 1TMC065  
 Staff Initials: Closed

**A4**  
 East  
 < 1/8  
 0.017 mi.  
 91 ft.

**PG AND E GAS PLANT UKIAH**  
**W SIDE LESLIE AT PERKINS/PEACH**  
**UKIAH, CA 95482**  
 Site 3 of 8 in cluster A

**Manufactured Gas Plants**    **1008407784**  
 N/A

Relative:  
 Lower

**Actual:**  
**611 ft.**  
**A5**  
 East  
 < 1/8  
 0.024 mi.  
 128 ft.

**UKIAH RECYCLE & SALVAGE**  
**122 LESLIE STREET**  
**UKIAH, CA 95482**  
 Site 4 of 8 in cluster A

**SLIC**    **S101481187**  
**ENVIROSTOR**    **N/A**

Relative:  
 Lower

SLIC:

Region: STATE  
**Facility Status: Open - Remediation**  
 Status Date: 2003-07-16 00:00:00  
 Global Id: T0604593441  
 Lead Agency: NORTH COAST RWQCB (REGION 1)  
 Lead Agency Case Number: Not reported  
 Latitude: 39.14901944  
 Longitude: -123.2021528  
 Case Type: Cleanup Program Site  
 Case Worker: CSH  
 Local Agency: MENDOCINO COUNTY  
 RB Case Number: 1NMC405  
 File Location: Regional Board  
 Potential Media Affected: Aquifer used for drinking water supply  
 Potential Contaminants of Concern: Diesel, Gasoline, Other Petroleum  
 Site History: This site was formerly a petroleum products bulk plant. That operation resulted in petroleum product impacts to soil and groundwater.

[Click here to access the California GeoTracker records for this facility:](#)

ENVIROSTOR:

Site Type: Historical  
 Site Type Detailed: \* Historical  
 Acres: Not reported  
 NPL: NO  
 Regulatory Agencies: NONE SPECIFIED  
 Lead Agency: NONE SPECIFIED  
 Program Manager: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UKIAH RECYCLE & SALVAGE (Continued)**

**S101481187**

Supervisor: Referred - Not Assigned  
Division Branch: Berkeley  
Facility ID: 23500019  
Site Code: Not reported  
Assembly: 1  
Senate: 2  
Special Program: \* Rural County Survey Program  
Status: Refer: RWQCB  
Status Date: 10/8/1993  
Restricted Use: NO  
Site Mgmt. Req.: NONE SPECIFIED  
Funding: Not reported  
Latitude: 39.149104605337499  
Longitude: -123.20220651247899  
APN: Not reported  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 00223205  
Alias Type: APN  
Alias Name: 23500019  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 1988-07-27 00:00:00  
Comments: SITE SCREENING DONE POSS ON-SITE DISP UNION OIL AT SAME ADDRESS IN 1957 PHONE DIRECTORY

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 1988-06-14 00:00:00  
Comments: FACILITY IDENTIFIED DHS DRIVEBY FACILITY DRIVE-BY JUNKYARD, AUTO DISMANTLER,RECYCLES BY RR

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

A6  
East  
< 1/8  
0.025 mi.  
131 ft.

**SHELL OIL**  
**134 LESLIE**  
**UKIAH, CA 95482**  
**Site 5 of 8 in cluster A**

**ENVIROSTOR** **S100181649**  
**N/A**

**Relative:**  
**Lower**

ENVIROSTOR:  
Site Type: Historical  
Site Type Detailed: \* Historical  
Acres: Not reported  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Referred - Not Assigned  
Division Branch: Berkeley  
Facility ID: 23510006  
Site Code: Not reported  
Assembly: 1  
Senate: 2  
Special Program: \* Rural County Survey Program  
Status: Refer: RWQCB  
Status Date: 9/27/1993  
Restricted Use: NO  
Site Mgmt. Req.: NONE SPECIFIED  
Funding: Not reported  
Latitude: 39.148578081155698  
Longitude: -123.20206993494099  
APN: Not reported  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 00228203  
Alias Type: APN  
Alias Name: 23510006  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 1988-07-27 00:00:00  
Comments: SITE SCREENING DONE POSS ONSITE CONTAMINATION BULK OIL

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 1988-06-06 00:00:00  
Comments: FACILITY IDENTIFIED 1940 PHONE DIRECTORY

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

A7  
East  
< 1/8  
0.025 mi.  
131 ft.

**D Z INC**  
**134 LESLIE ST**  
**UKIAH, CA 95482**  
**Site 6 of 8 in cluster A**

**RCRA-SQG 1000597560**  
**FINDS CAD983615758**

**Relative:**  
**Lower**

RCRA-SQG:

Date form received by agency: 01/03/1992

Facility name: D Z INC

Facility address: 134 LESLIE ST  
UKIAH, CA 95482

EPA ID: CAD983615758

Mailing address: PO BOX 407  
SANTA ROSA, CA 95402

Contact: JIM THOMPSON

Contact address: PO BOX 407  
SANTA ROSA, CA 95402

Contact country: US

Contact telephone: (707) 545-2091

Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: JIM THOMPSON

Owner/operator address: PO BOX 407  
SANTA ROSA, CA 95402

Owner/operator country: Not reported

Owner/operator telephone: (707) 545-2091

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): Unknown

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Used oil processor: No

User oil refiner: No

Used oil fuel marketer to burner: No

Used oil Specification marketer: No

Used oil transfer facility: No

Used oil transporter: No

Off-site waste receiver: Verified to be non-commercial

Violation Status: No violations found

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**D Z INC (Continued)**

**1000597560**

FINDS:

Registry ID: 110002866550

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**A8**  
**East**  
**< 1/8**  
**0.025 mi.**  
**131 ft.**

**DZ, INC.**  
**134 LESLIE STREET**  
**UKIAH, CA 95482**  
**Site 7 of 8 in cluster A**

**SLIC S105050996**  
**N/A**

**Relative:**  
**Lower**

SLIC:

Region: STATE  
**Facility Status: Open - Remediation**  
 Status Date: 2002-06-03 00:00:00  
 Global Id: T0604593173  
 Lead Agency: NORTH COAST RWQCB (REGION 1)  
 Lead Agency Case Number: Not reported  
 Latitude: 39.14845  
 Longitude: -123.2020361  
 Case Type: Cleanup Program Site  
 Case Worker: CSH  
 Local Agency: MENDOCINO COUNTY  
 RB Case Number: 1NMC047  
 File Location: Regional Board  
 Potential Media Affected: Aquifer used for drinking water supply  
 Potential Contaminants of Concern: Diesel, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating  
 Site History: This site was formerly a petroleum products bulk plant. That operation resulted in petroleum product impacts to soil and groundwater.

**Actual:**  
**612 ft.**

[Click here to access the California GeoTracker records for this facility:](#)

**B9**  
**West**  
**< 1/8**  
**0.034 mi.**  
**180 ft.**

**FULLERTON EQUIPMENT CO. INC.**  
**265 E CLAY ST**  
**UKIAH, CA 95482**  
**Site 2 of 2 in cluster B**

**HIST UST U001610924**  
**HAZNET N/A**

**Relative:**  
**Higher**

HIST UST:

Region: STATE  
 Facility ID: 00000014581  
 Facility Type: Not reported  
 Other Type: Not reported  
 Total Tanks: 0001  
 Contact Name: EARL W. FULLERTON  
 Telephone: 7074624524  
 Owner Name: EARL W. FULLERTON

**Actual:**  
**617 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FULLERTON EQUIPMENT CO. INC. (Continued)**

**U001610924**

Owner Address: 401 W. MILL ST.  
Owner City,St,Zip: UKIAH, CA 95482

Tank Num: 001  
Container Num: 1  
Year Installed: 1952  
Tank Capacity: 00000500  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Tank Construction: Not reported  
Leak Detection: None

**HAZNET:**

Gepaid: CAL000283403  
Contact: GREG ISRAEL  
Telephone: 7074625795  
Facility Addr2: Not reported  
Mailing Name: GREG ISRAEL/OWNER  
Mailing Address: 265 E CLAY ST  
Mailing City,St,Zip: UKIAH, CA 954820000  
Gen County: Mendocino  
TSD EPA ID: CAD097030993  
TSD County: Los Angeles  
Waste Category: Unspecified oil-containing waste  
Disposal Method: H141  
Tons: 0.125  
Facility County: Mendocino

Gepaid: CAL000283403  
Contact: GREG ISRAEL  
Telephone: 7074625795  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 265 E CLAY ST  
Mailing City,St,Zip: UKIAH, CA 954820000  
Gen County: Mendocino  
TSD EPA ID: CAD097030993  
TSD County: Los Angeles  
Waste Category: Unspecified oil-containing waste  
Disposal Method: H141  
Tons: 0.0875  
Facility County: Mendocino

Gepaid: CAL000283403  
Contact: GREG ISRAEL  
Telephone: 7074625795  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 265 E CLAY ST  
Mailing City,St,Zip: UKIAH, CA 954820000  
Gen County: Mendocino  
TSD EPA ID: CAD097030993  
TSD County: Los Angeles  
Waste Category: Unspecified oil-containing waste  
Disposal Method: H141  
Tons: 0.15  
Facility County: Mendocino

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A10**  
**East**  
**< 1/8**  
**0.049 mi.**  
**261 ft.**

**UKIAH, CITY OF**  
**PERKINS STREET**  
**UKIAH, CA**  
**Site 8 of 8 in cluster A**

**US BROWNFIELDS**    **1006884598**  
 N/A

**Relative:**  
**Lower**

US BROWNFIELDS:

**Actual:**  
**611 ft.**

Recipient name:	R9 Brownfields TBA (previously Superfund TBA)
Grant type:	TBA Grant
Property name:	Ukiah, City Of
Property #:	Not reported
Parcel size:	11
Latitude:	39.149722
Longitude:	-123.201666
HCM label:	Not reported
Map scale:	Not reported
Point of reference:	Not reported
Datum:	Not reported
ACRES property ID:	11258
Start date:	N/A
Completed date:	N/A
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	\$1.00
Assessment funding source:	EPA
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	N/A
Assessment funding entity:	US EPA - TBA Funding
Cleanup funding entity:	Not reported
Grant type:	Hazardous Substance
Accomplishment type:	Phase I Environmental Assessment
Ownership entity:	Not reported
Current owner:	Not reported
Did owner change:	Not reported
Cleanup required:	Not reported
Video available:	Not reported
Photo available:	Not reported
Institutional controls required:	Not reported
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	N/A
IC in place:	Unknown
Enrolled in state/tribal program:	No
State/tribal program date:	N/A
State/tribal program ID:	Not reported
State/tribal NFA date:	N/A
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**UKIAH, CITY OF (Continued)**

**1006884598**

Groundwater affected: Not reported  
 Groundwater cleaned: Not reported  
 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  
 Sediments found: Not reported  
 Sediments cleaned: Not reported  
 Soil affected: Not reported  
 Soil cleaned up: Not reported  
 Surface water cleaned: Not reported  
 Unknown found: Not reported  
 VOCs found: Not reported  
 VOCs cleaned: Not reported  
 Cleanup other description: Not reported  
 Num. of cleanup and re-dev. jobs: Not reported  
 Property highlights: Not reported  
 Past use greenspace acreage: Not reported  
 Past use residential acreage: Not reported  
 Past use commercial acreage: Not reported  
 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

11  
 WNW  
 < 1/8  
 0.087 mi.  
 460 ft.

**UKIAH POLICE DEPT.  
 280 E STANDLEY ST  
 UKIAH, CA 95482**

**HIST UST U001611004  
 N/A**

**Relative:  
 Higher**

HIST UST:  
 Region: STATE  
 Facility ID: 00000031553  
 Facility Type: Gas Station  
 Other Type: STATIONARY GENERATOR  
 Total Tanks: 0001  
 Contact Name: DAVE JOHNSON  
 Telephone: 7074622955  
 Owner Name: CITY OF UKIAH  
 Owner Address: 203 SO. SCHOOL ST.  
 Owner City,St,Zip: UKIAH, CA 95482

**Actual:  
 623 ft.**

Tank Num: 001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UKIAH POLICE DEPT. (Continued)**

**U001611004**

Container Num: 7  
Year Installed: Not reported  
Tank Capacity: 00000000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

**C12**  
**ENE**  
**< 1/8**  
**0.095 mi.**  
**500 ft.**

**K-MART #9139**  
**PERKINS STREET, EAST 504**  
**UKIAH, CA**

**HIST CORTESE** **S100615815**  
**LUST** **N/A**  
**SLIC**  
**HAZNET**

**Site 1 of 2 in cluster C**

**Relative:**  
**Lower**

**CORTESE:**  
Region: CORTESE  
Facility County Code: 23  
Reg By: LTNKA  
Reg Id: 1TMC050

**Actual:**  
**611 ft.**

**LUST:**

Region: STATE  
Global Id: T0604500042  
Latitude: 39.151750639  
Longitude: -123.2025852  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 1995-07-19 00:00:00  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Case Worker: ZZZ  
Local Agency: MENDOCINO COUNTY  
RB Case Number: 1TMC050  
LOC Case Number: Not reported  
File Location: Not reported  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**LUST REG 1:**

Region: 1  
Facility ID: 1TMC050  
Staff Initials: Closed

**SLIC:**

Region: STATE  
**Facility Status: Completed - Case Closed**  
Status Date: 2004-05-25 00:00:00  
Global Id: T0604593425  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Lead Agency Case Number: Not reported  
Latitude: 39.1499956  
Longitude: -123.2076196  
Case Type: Cleanup Program Site  
Case Worker: ZZZ

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K-MART #9139 (Continued)**

**S100615815**

Local Agency: MENDOCINO COUNTY  
RB Case Number: 1NMC050  
File Location: Regional Board  
Potential Media Affected: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

SLIC:

Region: 1  
Facility ID: 1NMC050  
Staff Initials: CSH

HAZNET:

Gepaid: CAL000018226  
Contact: KMART CORPORATION  
Telephone: 0000000000  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 3100 W BIG BEAVER RD  
Mailing City,St,Zip: TROY, MI 480843163  
Gen County: Mendocino  
TSD EPA ID: CAD093459485  
TSD County: Fresno  
Waste Category: Unspecified solvent mixture Waste  
Disposal Method: Transfer Station  
Tons: .0624  
Facility County: Mendocino

Gepaid: CAL000018226  
Contact: KMART CORPORATION  
Telephone: 0000000000  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 3100 W BIG BEAVER RD  
Mailing City,St,Zip: TROY, MI 480843163  
Gen County: Mendocino  
TSD EPA ID: CAD980887418  
TSD County: 1  
Waste Category: Aqueous solution with less than 10% total organic residues  
Disposal Method: Transfer Station  
Tons: .2085  
Facility County: Mendocino

Gepaid: CAL000018226  
Contact: KMART CORPORATION  
Telephone: 0000000000  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 3100 W BIG BEAVER RD  
Mailing City,St,Zip: TROY, MI 480843163  
Gen County: Mendocino  
TSD EPA ID: CAT000613893  
TSD County: Los Angeles  
Waste Category: Organic liquids (nonsolvents) with halogens

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K-MART #9139 (Continued)**

**S100615815**

Disposal Method: Transfer Station  
Tons: .1245  
Facility County: Mendocino  
  
Gepaid: CAL000018226  
Contact: KMART CORPORATION  
Telephone: 0000000000  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 3100 W BIG BEAVER RD  
Mailing City,St,Zip: TROY, MI 480843163  
Gen County: Mendocino  
TSD EPA ID: CAT000613893  
TSD County: Los Angeles  
Waste Category: Unspecified organic liquid mixture  
Disposal Method: Transfer Station  
Tons: .1245  
Facility County: Mendocino

**C13  
ENE  
< 1/8  
0.097 mi.  
512 ft.**

**KMART ENTERPRISES  
504 E PERKINS ST  
UKIAH, CA 95482  
  
Site 2 of 2 in cluster C**

**HIST UST U001610940  
N/A**

**Relative:  
Lower**

HIST UST:  
Region: STATE  
Facility ID: 00000010176  
Facility Type: Other  
Other Type: AUTO REPAIR  
Total Tanks: 0001  
Contact Name: Not reported  
Telephone: 7074680149  
Owner Name: KMART CORPORATION  
Owner Address: P.O. BOX 3150  
Owner City,St,Zip: TROY, MI 48084

**Actual:  
611 ft.**

Tank Num: 001  
Container Num: 9139  
Year Installed: 1977  
Tank Capacity: 00000500  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Tank Construction: 3/16" inches  
Leak Detection: Pressure Test

**D14  
West  
< 1/8  
0.099 mi.  
525 ft.**

**CHRYSTAL, DOROTHY  
CLAY STREET, EAST 224  
UKIAH, CA  
  
Site 1 of 2 in cluster D**

**HIST CORTESE S102427877  
LUST N/A**

**Relative:  
Higher**

CORTESE:  
Region: CORTESE  
Facility County Code: 23  
Reg By: LTNKA

**Actual:  
620 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHRYSTAL, DOROTHY (Continued)**

**S102427877**

Reg Id: 1TMC026

LUST:

Region: STATE  
Global Id: T0604500023  
Latitude: 39.148833  
Longitude: -123.205276  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 1994-01-26 00:00:00  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Case Worker: ZZZ  
Local Agency: MENDOCINO COUNTY  
RB Case Number: 1TMC026  
LOC Case Number: Not reported  
File Location: Not reported  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

LUST REG 1:

Region: 1  
Facility ID: 1TMC026  
Staff Initials: Closed

15  
West  
< 1/8  
0.114 mi.  
601 ft.

**DIAMOND LUMBER, INC.**  
**235 E PERKINS ST**  
**UKIAH, CA 95482**

**HIST UST U001610912**  
**N/A**

**Relative:**  
**Higher**

HIST UST:

Region: STATE  
Facility ID: 00000014587  
Facility Type: Other  
Other Type: LUMBER YARD  
Total Tanks: 0001  
Contact Name: DANIEL W SLOOTWEG, MGR  
Telephone: 7074624754  
Owner Name: DIAMOND LUMBER, INC.  
Owner Address: P. O. BOX 15377  
Owner City,St,Zip: SACRAMENTO, CA 95851

**Actual:**  
**625 ft.**

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00000550  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Tank Construction: Not reported  
Leak Detection: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**E16**  
**NNW**  
**1/8-1/4**  
**0.130 mi.**  
**684 ft.**

**UKIAH CO-OP**  
**308/310 PERKINS ST E.**  
**UKIAH, CA 95482**  
  
**Site 1 of 2 in cluster E**

**HIST CORTESE** **S105027153**  
**LUST** **N/A**

**Relative:**  
**Higher**

**CORTESE:**  
Region: CORTESE  
Facility County Code: 23  
Reg By: LTNKA  
Reg Id: 1TMC369

**Actual:**  
**623 ft.**

**LUST:**  
Region: STATE  
Global Id: T0604500302  
Latitude: 39.1499956  
Longitude: -123.2076196  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 1997-10-27 00:00:00  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Case Worker: ZZZ  
Local Agency: MENDOCINO COUNTY  
RB Case Number: 1TMC369  
LOC Case Number: Not reported  
File Location: Not reported  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**E17**  
**NNW**  
**1/8-1/4**  
**0.130 mi.**  
**684 ft.**

**UKIAH CO-OP**  
**PERKINS STREET, EAST 308/310**  
**UKIAH, CA**  
  
**Site 2 of 2 in cluster E**

**LUST** **S102949346**  
**N/A**

**Relative:**  
**Higher**

**LUST REG 1:**  
Region: 1  
Facility ID: 1TMC369  
Staff Initials: Closed

**Actual:**  
**623 ft.**

**F18**  
**West**  
**1/8-1/4**  
**0.135 mi.**  
**714 ft.**

**REDWOOD AUTO SUPPLY**  
**375 SOUTH MAIN STREET**  
**UKIAH, CA 95482**  
  
**Site 1 of 2 in cluster F**

**RCRA-SQG** **1000438532**  
**FINDS** **CAD982320442**  
**HAZNET**

**Relative:**  
**Higher**

**RCRA-SQG:**  
Date form received by agency: 03/16/1988  
Facility name: REDWOOD AUTO SUPPLY  
Facility address: 375 SOUTH MAIN STREET  
UKIAH, CA 95482  
EPA ID: CAD982320442  
Contact: ENVIRONMENTAL MANAGER  
Contact address: 375 SOUTH MAIN STREET  
UKIAH, CA 95482

**Actual:**  
**621 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**REDWOOD AUTO SUPPLY (Continued)**

**1000438532**

Contact country: US  
Contact telephone: (707) 462-4795  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Owner/Operator Summary:**

Owner/operator name: ROY HOSKINS  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): Unknown  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Verified to be non-commercial

Violation Status: No violations found

**FINDS:**

Registry ID: 110002793380

Environmental Interest/Information System

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**REDWOOD AUTO SUPPLY (Continued)**

**1000438532**

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid: CAD982320442  
Contact: MARK BRAZIL  
Telephone: 7074624795  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 375 S MAIN ST  
Mailing City,St,Zip: UKIAH, CA 954820000  
Gen County: Mendocino  
TSD EPA ID: CAD097030993  
TSD County: Los Angeles  
Waste Category: Oil/water separation sludge  
Disposal Method: H141  
Tons: 0.22  
Facility County: Mendocino

Gepaid: CAD982320442  
Contact: MARK BRAZIL  
Telephone: 7074624795  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 375 S MAIN ST  
Mailing City,St,Zip: UKIAH, CA 954820000  
Gen County: Mendocino  
TSD EPA ID: CAD097030993  
TSD County: Los Angeles  
Waste Category: Oil/water separation sludge  
Disposal Method: H141  
Tons: 0.22935  
Facility County: Mendocino

Gepaid: CAD982320442  
Contact: MARK BRAZIL  
Telephone: 7074624795  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 375 S MAIN ST  
Mailing City,St,Zip: UKIAH, CA 954820000  
Gen County: Mendocino  
TSD EPA ID: CAT080033681  
TSD County: Mendocino  
Waste Category: Unspecified oil-containing waste  
Disposal Method: Recycler  
Tons: 0.15



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**REDWOOD AUTO SUPPLY (Continued)**

**1000438532**

Facility County: Mendocino  
  
Gepaid: CAD982320442  
Contact: MARK BRAZIL  
Telephone: 7074624795  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 375 S MAIN ST  
Mailing City,St,Zip: UKIAH, CA 954820000  
Gen County: Mendocino  
TSD EPA ID: CAT080033681  
TSD County: Los Angeles  
Waste Category: Oil/water separation sludge  
Disposal Method: Recycler  
Tons: 0.22  
Facility County: Not reported

Gepaid: CAD982320442  
Contact: MARK BRAZIL  
Telephone: 7074624795  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 375 S MAIN ST  
Mailing City,St,Zip: UKIAH, CA 954820000  
Gen County: Mendocino  
TSD EPA ID: Not reported  
TSD County: Los Angeles  
Waste Category: Oil/water separation sludge  
Disposal Method: Not reported  
Tons: 0.22  
Facility County: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional CA\_HAZNET: detail in the EDR Site Report.

**D19**  
**West**  
**1/8-1/4**  
**0.137 mi.**  
**721 ft.**

**COHEN PROPERTY**  
**307-311 S. MAIN ST.**  
**UKIAH, CA 95482**  
**Site 2 of 2 in cluster D**

**CERC-NFRAP 1003879706**  
**CAD983645029**

**Relative:**  
**Higher**

CERC-NFRAP:  
Site ID: 0904540  
Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: NFRAP

**Actual:**  
**622 ft.**

CERCLIS-NFRAP Site Contact Name(s):  
Contact Title: Not reported  
Contact Name: Carl Brickner  
Contact Tel: (415) 972-3814

Contact Title: Not reported  
Contact Name: Brunilda Davila  
Contact Tel: (415) 972-3162

Contact Title: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COHEN PROPERTY (Continued)**

**1003879706**

Contact Name: Jeff Inglis  
Contact Tel: (415) 972-3095

Contact Title: Not reported  
Contact Name: Karen Jurist  
Contact Tel: (415) 972-3219

Contact Title: Not reported  
Contact Name: Matt Mitguard  
Contact Tel: (415) 972-3096

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY  
Date Started: Not reported  
Date Completed: 06/22/1992  
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
Date Started: Not reported  
Date Completed: 03/18/1994  
Priority Level: NFRAP: No further Remedial Action planned

Action: ARCHIVE SITE  
Date Started: Not reported  
Date Completed: 03/18/1994  
Priority Level: Not reported

**20**  
**West**  
**1/8-1/4**  
**0.141 mi.**  
**746 ft.**

**MENDO LAKE OFFICE EQUIPMENT**  
**MAIN STREET, SOUTH 203**  
**UKIAH, CA**

**HIST CORTESE** **S101298796**  
**LUST** **N/A**

**Relative:**  
**Higher**

CORTESE:  
Region: CORTESE  
Facility County Code: 23  
Reg By: LTNKA  
Reg Id: 1TMC020

**Actual:**  
**626 ft.**

LUST REG 1:  
Region: 1  
Facility ID: 1TMC020  
Staff Initials: Closed

**21**  
**East**  
**1/8-1/4**  
**0.141 mi.**  
**746 ft.**

**YORK RANCH FILL SITE #4**  
**1/2 MI W OF CAPELLA**  
**UKIAH, CA**

**SWF/LF** **S102361200**  
**N/A**

**Relative:**  
**Lower**

SWF/LF (SWIS):  
Region: STATE  
Facility ID: 23-AA-0024  
Lat/Long: 39.15 / -123.2  
Owner Name: Louisiana Pacific Corp - Samoa

**Actual:**  
**607 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**YORK RANCH FILL SITE #4 (Continued)**

**S102361200**

Owner Telephone: 7074437511  
 Owner Address: Not reported  
 Owner Address2: P.O. Box 158  
 Owner City,St,Zip: Samoa, CA 95564  
 Operator: Louisiana Pacific Corp - Samoa  
 Operator Phone: 7074437511  
 Operator Address: Not reported  
 Operator Address2: P.O. Box 158  
 Operator City,St,Zip: Samoa, CA 95564  
 Operator's Status: Closed  
 Permit Date: Not reported  
 Permit Status: Not reported  
 Permitted Acreage: Not reported  
 Activity: Wood Waste Disposal Site  
 Regulation Status: Permitted  
 Landuse Name: Not reported  
 GIS Source: Place  
 Category: Disposal  
 Unit Number: 01  
 Inspection Frequency: Annual  
 Accepted Waste: Not reported  
 Closure Date: Not reported  
 Closure Type: Not reported  
 Disposal Acreage: 0  
 SWIS Num: 23-AA-0024  
 Waste Discharge Requirement Num: Not reported  
 Program Type: 0  
 Permitted Throughput with Units: Not reported  
 Actual Throughput with Units: 0  
 Permitted Capacity with Units: Not reported  
 Remaining Capacity: 0  
 Remaining Capacity with Units: 0

**G22**  
**West**  
**1/8-1/4**  
**0.158 mi.**  
**834 ft.**

**SEARS CATALOG STORE**  
**STATE STREET, SOUTH 401**  
**UKIAH, CA**

**HIST CORTESE**  
**LUST**

**S102436646**  
**N/A**

**Site 1 of 2 in cluster G**

**Relative:**  
**Higher**

**CORTESE:**  
 Region: CORTESE  
 Facility County Code: 23  
 Reg By: LTNKA  
 Reg Id: 1TMC209

**Actual:**  
**623 ft.**

**LUST:**  
 Region: STATE  
 Global Id: T0604500182  
 Latitude: 39.14797061  
 Longitude: -123.20686865  
 Case Type: LUST Cleanup Site  
 Status: Completed - Case Closed  
 Status Date: 1993-02-04 00:00:00  
 Lead Agency: NORTH COAST RWQCB (REGION 1)  
 Case Worker: ZZZ  
 Local Agency: MENDOCINO COUNTY  
 RB Case Number: 1TMC209

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SEARS CATALOG STORE (Continued)**

**S102436646**

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

[Click here to access the California GeoTracker records for this facility:](#)

LUST REG 1:  
Region: 1  
Facility ID: 1TMC209  
Staff Initials: Closed

**H23**  
**ENE**  
**1/8-1/4**  
**0.167 mi.**  
**884 ft.**

**BP, EAST PERKINS**  
**PERKINS STREET, EAST 596**  
**UKIAH, CA**

**HIST CORTESE** **S101298802**  
**LUST** **N/A**

**Site 1 of 11 in cluster H**

**Relative:**  
**Lower**

**CORTESE:**  
Region: CORTESE  
Facility County Code: 23  
Reg By: LTNKA  
Reg Id: 1TMC207

**Actual:**  
**609 ft.**

LUST:  
Region: STATE  
Global Id: T0604500180  
Latitude: 39.1492395  
Longitude: -123.2124085  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 2005-07-18 00:00:00  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Case Worker: ZZZ  
Local Agency: MENDOCINO COUNTY  
RB Case Number: 1TMC207  
LOC Case Number: Not reported  
File Location: Regional Board  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

LUST REG 1:  
Region: 1  
Facility ID: 1TMC207  
Staff Initials: DLW

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**I24**  
**WNW**  
**1/8-1/4**  
**0.167 mi.**  
**884 ft.**

**HOWARD CLEANERS AND SHIRT**  
**295 NORTH MAIN STREET**  
**UKIAH, CA 95482**

**RCRA-SQG** **1000155221**  
**FINDS** **CAD981628118**

**Site 1 of 3 in cluster I**

**Relative:**  
**Higher**

RCRA-SQG:

**Actual:**  
**627 ft.**

Date form received by agency: 09/01/1996  
 Facility name: HOWARDS CLEANERS  
 Facility address: 295 N MAIN  
 UKIAH, CA 95482  
 EPA ID: CAD981628118  
 Contact: Not reported  
 Contact address: Not reported  
 Not reported  
 Contact country: Not reported  
 Contact telephone: Not reported  
 Contact email: Not reported  
 EPA Region: 09  
 Classification: Small Small Quantity Generator  
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: HOWARD RICHARD  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, ME 99999  
 Owner/operator country: Not reported  
 Owner/operator telephone: (415) 555-1212  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: Not reported  
 Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, ME 99999  
 Owner/operator country: Not reported  
 Owner/operator telephone: (415) 555-1212  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: Not reported  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown  
 Mixed waste (haz. and radioactive): Unknown  
 Recycler of hazardous waste: No  
 Transporter of hazardous waste: No  
 Treater, storer or disposer of HW: No  
 Underground injection activity: No  
 On-site burner exemption: Unknown  
 Furnace exemption: Unknown  
 Used oil fuel burner: No  
 Used oil processor: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HOWARD CLEANERS AND SHIRT (Continued)**

**1000155221**

User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No  
 Off-site waste receiver: Verified to be non-commercial

Historical Generators:

Date form received by agency: 12/05/1986  
 Facility name: HOWARDS CLEANERS  
 Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002730064

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**I25**  
**WNW**  
**1/8-1/4**  
**0.167 mi.**  
**884 ft.**

**HOWARDS CLEANERS**  
**295 N MAIN**  
**UKIAH, CA 95482**  
**Site 2 of 3 in cluster I**

**DRYCLEANERS** **S110115548**  
**N/A**

**Relative:**  
**Higher**

DRYCLEANERS:  
 EPA Id: CAD981628118  
 NAICS Code: Not reported  
 NAICS Description: Not reported  
 SIC Code: Not reported  
 SIC Description: Not reported  
 Create Date: 4/10/1987  
 Facility Active: No  
 Inactive Date: 6/30/1998  
 Facility Addr2: Not reported  
 Mailing Name: Not reported  
 Mailing Address: 295 N MAIN ST  
 Mailing Address 2: Not reported  
 Mailing State: CA  
 Mailing Zip: 954824404  
 Region Code: 2  
 Owner Name: --  
 Owner Address: --  
 Owner Address 2: Not reported  
 Owner Telephone: 0000000000  
 Contact Name: --

**Actual:**  
**627 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOWARDS CLEANERS (Continued)**

**S110115548**

Contact Address: INACTIVE PER NON DELIVERABLE  
Contact Address 2: VQ98 BP  
Contact Telephone: --

**J26**  
**NNW**  
**1/8-1/4**  
**0.172 mi.**  
**907 ft.**

**UKIAH VALLEY MED CTR 1**  
**275 HOSPITAL DR**  
**UKIAH, CA 95482**  
**Site 1 of 3 in cluster J**

**AST** **A100337483**  
**N/A**

**Relative:**  
**Higher**

AST:  
Owner: Ukiah Valley Medical Center 1  
Total Gallons: 2,100  
Certified Unified Program Agencies: Mendocino

**Actual:**  
**624 ft.**

**J27**  
**NNW**  
**1/8-1/4**  
**0.172 mi.**  
**907 ft.**

**UKIAH VALLEY MEDICAL CENTER**  
**275 HOSPITAL DRIVE**  
**UKIAH, CA 95482**  
**Site 2 of 3 in cluster J**

**RCRA-SQG** **1000594738**  
**FINDS** **CAD983586116**  
**CA FID UST**  
**SWEEPS UST**  
**HAZNET**

**Relative:**  
**Higher**

RCRA-SQG:  
Date form received by agency: 06/24/1991  
Facility name: UKIAH VALLEY MEDICAL CENTER  
Facility address: 275 HOSPITAL DRIVE  
UKIAH, CA 95482  
EPA ID: CAD983586116  
Contact: PAUL DASLER  
Contact address: 275 HOSPITAL DRIVE  
UKIAH, CA 95482  
Contact country: US  
Contact telephone: (707) 462-3111  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Actual:**  
**624 ft.**

**Owner/Operator Summary:**

Owner/operator name: ADVENTIST HEALTH SYSTEM/WEST  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UKIAH VALLEY MEDICAL CENTER (Continued)**

**1000594738**

Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): Unknown  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Verified to be non-commercial

Violation Status: No violations found

FINDS:

Registry ID: 110002846902

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UKIAH VALLEY MEDICAL CENTER (Continued)**

**1000594738**

corrective action activities required under RCRA.

CA FID UST:

Facility ID: 23000006  
Regulated By: UTNKA  
Regulated ID: 00057656  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7074626631  
Mail To: Not reported  
Mailing Address: 275 HOSPITAL DR  
Mailing Address 2: Not reported  
Mailing City,St,Zip: UKIAH 95482  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

SWEEPS UST:

Status: Not reported  
Comp Number: 57656  
Number: Not reported  
Board Of Equalization: 44-014194  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 23-000-057656-000001  
Actv Date: Not reported  
Capacity: 1000  
Tank Use: M.V. FUEL  
Stg: PRODUCT  
Content: REG UNLEADED  
Number Of Tanks: 2

Status: Not reported  
Comp Number: 57656  
Number: Not reported  
Board Of Equalization: 44-014194  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 23-000-057656-000002  
Actv Date: Not reported  
Capacity: 1000  
Tank Use: M.V. FUEL  
Stg: PRODUCT  
Content: DIESEL  
Number Of Tanks: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

UKIAH VALLEY MEDICAL CENTER (Continued)

1000594738

HAZNET:

Gepaid: CAD983586116  
Contact: ADVENTIST HEALTH SYSTE/WEST  
Telephone: 0000000000  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 275 HOSPITAL DR  
Mailing City,St,Zip: UKIAH, CA 954824531  
Gen County: Mendocino  
TSD EPA ID: CAD070148432  
TSD County: 1  
Waste Category: Metal sludge - Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)  
Disposal Method: Treatment, Incineration  
Tons: .0265  
Facility County: Mendocino

Gepaid: CAD983586116  
Contact: ADVENTIST HEALTH SYSTE/WEST  
Telephone: 0000000000  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 275 HOSPITAL DR  
Mailing City,St,Zip: UKIAH, CA 954824531  
Gen County: Mendocino  
TSD EPA ID: CAD070148432  
TSD County: 1  
Waste Category: Photochemicals/photoprocessing waste  
Disposal Method: Treatment, Incineration  
Tons: .1459  
Facility County: Mendocino

Gepaid: CAD983586116  
Contact: ADVENTIST HEALTH SYSTE/WEST  
Telephone: 0000000000  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 275 HOSPITAL DR  
Mailing City,St,Zip: UKIAH, CA 954824531  
Gen County: Mendocino  
TSD EPA ID: CAD070148432  
TSD County: 1  
Waste Category: Metal sludge - Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)  
Disposal Method: Not reported  
Tons: .0135  
Facility County: Mendocino

Gepaid: CAD983586116  
Contact: ADVENTIST HEALTH SYSTE/WEST  
Telephone: 0000000000  
Facility Addr2: Not reported  
Mailing Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UKIAH VALLEY MEDICAL CENTER (Continued)**

**1000594738**

Mailing Address: 275 HOSPITAL DR  
Mailing City,St,Zip: UKIAH, CA 954824531  
Gen County: Mendocino  
TSD EPA ID: CAD982321879  
TSD County: Stanislaus  
Waste Category: Metal sludge - Alkaline solution (pH <UN> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)  
Disposal Method: Recycler  
Tons: .0417  
Facility County: Mendocino  
  
Gepaid: CAD983586116  
Contact: ADVENTIST HEALTH SYSTE/WEST  
Telephone: 0000000000  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 275 HOSPITAL DR  
Mailing City,St,Zip: UKIAH, CA 954824531  
Gen County: Mendocino  
TSD EPA ID: CAD982321879  
TSD County: Stanislaus  
Waste Category: Photochemicals/photoprocessing waste  
Disposal Method: Recycler  
Tons: .2458  
Facility County: Mendocino

[Click this hyperlink](#) while viewing on your computer to access 31 additional CA\_HAZNET: record(s) in the EDR Site Report.

**J28  
NNW  
1/8-1/4  
0.172 mi.  
907 ft.**

**UKIAH ADVENTIST HOSPITAL  
275 HOSPITAL DR  
UKIAH, CA 95482  
Site 3 of 3 in cluster J**

**HIST UST U001610992  
N/A**

**Relative:  
Higher**

HIST UST:  
Region: STATE  
Facility ID: 00000057656  
Facility Type: Other  
Other Type: HOSPITAL  
Total Tanks: 0002  
Contact Name: PAUL CASLER  
Telephone: 7074626631  
Owner Name: ADVENTIST HEALTH SYSTEMS WEST  
Owner Address: 1545 N. VERDUGO ROAD  
Owner City,St,Zip: GLENDALE, CA 91209

**Actual:  
624 ft.**

Tank Num: 001  
Container Num: 1  
Year Installed: 1980  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Tank Construction: Not reported  
Leak Detection: None

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**UKIAH ADVENTIST HOSPITAL (Continued)**

**U001610992**

Tank Num: 002  
 Container Num: 2  
 Year Installed: 1980  
 Tank Capacity: 00001000  
 Tank Used for: PRODUCT  
 Type of Fuel: DIESEL  
 Tank Construction: Not reported  
 Leak Detection: Stock Inventor, None

**G29**  
**West**  
**1/8-1/4**  
**0.181 mi.**  
**954 ft.**

**STEVE'S SERVICE STATION**  
**STATE STREET, SOUTH 315**  
**UKIAH, CA**

**Site 2 of 2 in cluster G**

**HIST CORTESE**  
**LUST**  
**CA FID UST**  
**SWEEPS UST**  
**HAZNET**

**S101588564**  
**N/A**

**Relative:**  
**Higher**

**CORTESE:**  
 Region: CORTESE  
 Facility County Code: 23  
 Reg By: LTNKA  
 Reg Id: 1TMC339

**Actual:**  
**627 ft.**

**LUST:**  
 Region: STATE  
 Global Id: T0604500276  
 Latitude: 39.1482426082317  
 Longitude: -123.207002878189  
 Case Type: LUST Cleanup Site  
 Status: Completed - Case Closed  
 Status Date: 2009-06-15 00:00:00  
 Lead Agency: NORTH COAST RWQCB (REGION 1)  
 Case Worker: ZZZ  
 Local Agency: Not reported  
 RB Case Number: 1TMC339  
 LOC Case Number: Not reported  
 File Location: Regional Board  
 Potential Media Affect: Aquifer used for drinking water supply  
 Potential Contaminants of Concern: Gasoline  
 Site History: In October 1996 three fuel UST were removed from the site - one 7,500- and one 5,000-gallon fuel (gasoline and diesel) storage tanks and one 550 -gallon waste oil tank. During tank removal it was determined that these tanks leaked. Subsequent site environmental investigation included installation of three monitoring wells and numerous soil borings. Two additional wells were installed at this site to monitor groundwater plume associated with a release at 300 South State Street. This site was closed in May 2000. In January 2004 approximately 2,076 tons of impacted soil was removed from the site. Since that time groundwater monitoring has shown low to no concentrations of chemicals of concern in the groundwater.

Click here to access the California GeoTracker records for this facility:

**LUST REG 1:**  
 Region: 1  
 Facility ID: 1TMC339  
 Staff Initials: DLW

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STEVE'S SERVICE STATION (Continued)**

**S101588564**

CA FID UST:

Facility ID: 23000465  
Regulated By: UTNKA  
Regulated ID: 00033642  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7074627302  
Mail To: Not reported  
Mailing Address: 315 S STATE ST  
Mailing Address 2: Not reported  
Mailing City,St,Zip: UKIAH 95482  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

SWEEPS UST:

Status: A  
Comp Number: 33642  
Number: 9  
Board Of Equalization: 44-014126  
Ref Date: 12-14-89  
Act Date: 12-14-89  
Created Date: 07-31-88  
Tank Status: A  
Owner Tank Id: 2901-1-1  
Swrcb Tank Id: 23-000-033642-000001  
Actv Date: 07-01-85  
Capacity: 7500  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: 3

Status: A  
Comp Number: 33642  
Number: 9  
Board Of Equalization: 44-014126  
Ref Date: 12-14-89  
Act Date: 12-14-89  
Created Date: 07-31-88  
Tank Status: A  
Owner Tank Id: 2901-2-1  
Swrcb Tank Id: 23-000-033642-000002  
Actv Date: 07-01-85  
Capacity: 5000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: A  
Comp Number: 33642

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STEVE'S SERVICE STATION (Continued)**

**S101588564**

Number: 9  
Board Of Equalization: 44-014126  
Ref Date: 12-14-89  
Act Date: 12-14-89  
Created Date: 07-31-88  
Tank Status: A  
Owner Tank Id: 2901-4-1  
Swrcb Tank Id: 23-000-033642-000003  
Actv Date: 07-01-85  
Capacity: 550  
Tank Use: OIL  
Stg: W  
Content: WASTE OIL  
Number Of Tanks: Not reported

**HAZNET:**

Gepaid: CAL000224561  
Contact: STEVE MENDOZA  
Telephone: 7074627302  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 315 S STATE ST  
Mailing City,St,Zip: UKIAH, CA 954820000  
Gen County: Mendocino  
TSD EPA ID: CAT080033681  
TSD County: Los Angeles  
Waste Category: Oil/water separation sludge  
Disposal Method: Recycler  
Tons: .2293  
Facility County: Mendocino

**K30**  
**East**  
**1/8-1/4**  
**0.182 mi.**  
**961 ft.**

**CALIFORNIA HIGHWAY PATROL**  
**540 S ORCHARD AVE**  
**UKIAH, CA 95482**

**UST U003780037**  
**N/A**

**Site 1 of 2 in cluster K**

**Relative:**  
**Lower**  
  
**Actual:**  
**603 ft.**

**UST:**  
Global ID: 6157  
Latitude: 39.14742  
Longitude: -123.19884

**UST MENDOCINO:**  
Region: MENDOCINO

**F31**  
**West**  
**1/8-1/4**  
**0.182 mi.**  
**963 ft.**

**MASTER CLEANER**  
**502 STATE ST**  
**UKIAH, CA 95482**

**RCRA-SQG 1000251889**  
**FINDS CAT080029556**

**Site 2 of 2 in cluster F**

**Relative:**  
**Higher**  
  
**Actual:**  
**624 ft.**

**RCRA-SQG:**  
Date form received by agency: 09/30/1993  
Facility name: MASTER CLEANER  
Facility address: 502 STATE ST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MASTER CLEANER (Continued)**

**1000251889**

EPA ID: UKIAH, CA 95482  
Contact: CAT080029556  
Contact: SOUNG KIM  
Contact address: 502 STATE ST  
UKIAH, CA 95482  
Contact country: US  
Contact telephone: (707) 462-4129  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: SOUNG Y KIM  
Owner/operator address: 402 S STATE ST  
UKIAH, CA 95482  
Owner/operator country: Not reported  
Owner/operator telephone: (707) 462-4129  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported  
  
Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): Unknown  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Verified to be non-commercial

Violation Status: No violations found

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MASTER CLEANER (Continued)**

**1000251889**

FINDS:

Registry ID: 110002955357

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**I32  
WNW  
1/8-1/4  
0.184 mi.  
974 ft.**

**UKIAH CREAMERY (FORMER)  
MAIN STREET, NORTH 323  
UKIAH, CA**

**HIST CORTESE S102439544  
LUST N/A**

**Site 3 of 3 in cluster I**

**Relative:  
Higher**

**CORTESE:**  
Region: CORTESE

Facility County Code: 23

**Actual:  
628 ft.**

Reg By: LTNKA  
Reg Id: 1TMC245

**LUST:**

Region: STATE  
Global Id: T0604500208  
Latitude: 39.153032  
Longitude: -123.2069974  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 1993-11-03 00:00:00  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Case Worker: ZZZ  
Local Agency: MENDOCINO COUNTY  
RB Case Number: 1TMC245  
LOC Case Number: Not reported  
File Location: Not reported  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

**LUST REG 1:**

Region: 1  
Facility ID: 1TMC245  
Staff Initials: Closed



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**H33**      **USA #68229 (PRK UK)**  
**ENE**      **585 E PERKINS ST**  
**1/8-1/4**    **UKIAH, CA 95482**  
**0.189 mi.**  
**997 ft.**    **Site 2 of 11 in cluster H**

**UST**    **U003780002**  
**N/A**

**Relative:**    UST:  
**Lower**      Global ID:      6113  
                 Latitude:        39.15131  
**Actual:**      Longitude:      -123.19951  
**608 ft.**

UST MENDOCINO:  
Region:            MENDOCINO

**H34**      **BEACON STATION 1-678/ULTRAMAR, INC**  
**ENE**      **585 E PERKINS ST**  
**1/8-1/4**    **UKIAH, CA 95482**  
**0.189 mi.**  
**997 ft.**    **Site 3 of 11 in cluster H**

**CA FID UST**    **S101588563**  
**SWEEPS UST**    **N/A**

**Relative:**    CA FID UST:  
**Lower**      Facility ID:      23000461  
                 Regulated By:    UTNKA  
**Actual:**      Regulated ID:    Not reported  
**608 ft.**      Cortese Code:    Not reported  
                 SIC Code:        Not reported  
                 Facility Phone:    7074681651  
                 Mail To:           Not reported  
                 Mailing Address: 525 W THIRD ST  
                 Mailing Address 2: Not reported  
                 Mailing City,St,Zip: UKIAH 95482  
                 Contact:          Not reported  
                 Contact Phone:    Not reported  
                 DUNs Number:    Not reported  
                 NPDES Number:   Not reported  
                 EPA ID:           Not reported  
                 Comments:        Not reported  
                 Status:            Active

SWEEPS UST:  
Status:            A  
Comp Number:    70076  
Number:           1  
Board Of Equalization: 44-000030  
Ref Date:        03-24-92  
Act Date:        03-24-92  
Created Date:    06-19-89  
Tank Status:     A  
Owner Tank Id:    076-1  
Swrcb Tank Id:   23-000-070076-000001  
Actv Date:       03-24-92  
Capacity:        10000  
Tank Use:        M.V. FUEL  
Stg:              P  
Content:         LEADED  
Number Of Tanks: 3  
  
Status:            A  
Comp Number:    70076

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEACON STATION 1-678/ULTRAMAR, INC (Continued)**

**S101588563**

Number: 1  
Board Of Equalization: 44-000030  
Ref Date: 03-24-92  
Act Date: 03-24-92  
Created Date: 06-19-89  
Tank Status: A  
Owner Tank Id: 073-2  
Swrcb Tank Id: 23-000-070076-000002  
Actv Date: 03-24-92  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: A  
Comp Number: 70076  
Number: 1  
Board Of Equalization: 44-000030  
Ref Date: 03-24-92  
Act Date: 03-24-92  
Created Date: 06-19-89  
Tank Status: A  
Owner Tank Id: 076-3  
Swrcb Tank Id: 23-000-070076-000003  
Actv Date: 03-24-92  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

L35  
West  
1/8-1/4  
0.191 mi.  
1007 ft.

**JOHN'S UNION 76**  
**315 S STATE ST**  
**UKIAH, CA 95482**  
**Site 1 of 4 in cluster L**

**HIST UST U001610937**  
**N/A**

**Relative:**  
**Higher**

HIST UST:  
Region: STATE  
Facility ID: 00000001203  
Facility Type: Gas Station  
Other Type: Not reported  
Total Tanks: 0003  
Contact Name: Not reported  
Telephone: 7074627302  
Owner Name: JOHN'S UNION 76  
Owner Address: 315 SO. STATE STREET  
Owner City,St,Zip: UKIAH, CA 95482

**Actual:**  
**628 ft.**

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00007500  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: Not reported  
Leak Detection: None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN'S UNION 76 (Continued)**

**U001610937**

Tank Num: 002  
Container Num: 2  
Year Installed: Not reported  
Tank Capacity: 00000000  
Tank Used for: PRODUCT  
Type of Fuel: PREMIUM  
Tank Construction: Not reported  
Leak Detection: None

Tank Num: 003  
Container Num: 3  
Year Installed: Not reported  
Tank Capacity: 00000000  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Tank Construction: Not reported  
Leak Detection: None

**L36  
West  
1/8-1/4  
0.191 mi.  
1007 ft.**

**UNION OIL SS#2901  
315 S STATE ST  
UKIAH, CA 95482**

**HIST UST 1000167102  
N/A**

**Site 2 of 4 in cluster L**

**Relative:  
Higher**

HIST UST:  
Region: STATE  
Facility ID: 00000033642  
Facility Type: Gas Station  
Other Type: Not reported  
Total Tanks: 0003  
Contact Name: JOH VALVERDE  
Telephone: 7074627302  
Owner Name: UNION OIL CO.  
Owner Address: 1 CALIFORNIA ST. SUITE 2700  
Owner City,St,Zip: SAN FRANCISCO, CA 94111

**Actual:  
628 ft.**

Tank Num: 001  
Container Num: 2901-1-1  
Year Installed: 1955  
Tank Capacity: 00007500  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: Not reported  
Leak Detection: Stock Inventor, 10

Tank Num: 002  
Container Num: 2901-2-1  
Year Installed: 1955  
Tank Capacity: 00005000  
Tank Used for: PRODUCT  
Type of Fuel: PREMIUM  
Tank Construction: Not reported  
Leak Detection: Stock Inventor, 10

Tank Num: 003  
Container Num: 2901-4-1  
Year Installed: Not reported  
Tank Capacity: 00000550

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNION OIL SS#2901 (Continued)**

**1000167102**

Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 004  
Container Num: 1  
Year Installed: 1958  
Tank Capacity: 00000000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 6 inches  
Leak Detection: Visual

**L37**  
**West**  
**1/8-1/4**  
**0.191 mi.**  
**1011 ft.**

**SECURITY PACIFIC BANK**  
**STATE STREET, SOUTH 300**  
**UKIAH, CA**

**HIST CORTESE** **S101307559**  
**LUST** **N/A**

**Site 3 of 4 in cluster L**

**Relative:**  
**Higher**

**CORTESE:**  
Region: CORTESE  
Facility County Code: 23  
Reg By: LTNKA  
Reg Id: 1TMC029

**Actual:**  
**629 ft.**

**LUST:**  
Region: STATE  
Global Id: T0604500026  
Latitude: 39.148385  
Longitude: -123.207704  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 2000-05-12 00:00:00  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Case Worker: ZZZ  
Local Agency: MENDOCINO COUNTY  
RB Case Number: 1TMC029  
LOC Case Number: Not reported  
File Location: Not reported  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

**LUST REG 1:**

Region: 1  
Facility ID: 1TMC029  
Staff Initials: Closed

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**L38**      **MENDOCINO SOLID WASTE MANAGEMENT AUTHORITY**  
**West**      **101 WEST CHURCH STREET #9**  
**1/8-1/4**      **UKIAH, CA 95482**  
**0.195 mi.**  
**1029 ft.**      **Site 4 of 4 in cluster L**

**HWT**      **S110590752**  
                  **N/A**

**Relative:**      **HWT:**  
**Higher**           Reg Num:      3508  
                       Expiration Date: 2011-08-31 00:00:00

**Actual:**  
**630 ft.**

**M39**      **MASTER CLEANER**  
**West**      **502-504 S. STATE ST**  
**1/8-1/4**      **UKIAH, CA 95482**  
**0.195 mi.**  
**1029 ft.**      **Site 1 of 3 in cluster M**

**DRYCLEANERS**      **S110117169**  
                                  **N/A**

**Relative:**      **DRYCLEANERS:**  
**Higher**           EPA Id:      CAT080029556  
                       NAICS Code:      Not reported  
**Actual:**      NAICS Description:      Not reported  
**625 ft.**      SIC Code:      Not reported  
                       SIC Description:      Not reported  
                       Create Date:      7/23/1982  
                       Facility Active:      No  
                       Inactive Date:      6/30/2000  
                       Facility Addr2:      Not reported  
                       Mailing Name:      Not reported  
                       Mailing Address:      502 STATE ST  
                       Mailing Address 2:      Not reported  
                       Mailing State:      CA  
                       Mailing Zip:      954820000  
                       Region Code:      2  
                       Owner Name:      MASTER CLEANER  
                       Owner Address:      502 STATE ST  
                       Owner Address 2:      Not reported  
                       Owner Telephone:      7074624129  
                       Contact Name:      KIM SOUNG  
                       Contact Address:      INACT 00VQ FINAL NOTICE - BATCH  
                       Contact Address 2:      4/10/01  
                       Contact Telephone:      7074624129

**M40**      **MASTERS CLEANERS**  
**West**      **502 SOUTH STATE ST**  
**1/8-1/4**      **UKIAH, CA 95482**  
**0.195 mi.**  
**1029 ft.**      **Site 2 of 3 in cluster M**

**DRYCLEANERS**      **S103662575**  
**HAZNET**      **N/A**

**Relative:**      **DRYCLEANERS:**  
**Higher**           EPA Id:      CAL000123302  
                       NAICS Code:      Not reported  
**Actual:**      NAICS Description:      Not reported  
**625 ft.**      SIC Code:      Not reported  
                       SIC Description:      Not reported  
                       Create Date:      9/24/1993  
                       Facility Active:      No  
                       Inactive Date:      6/30/2008  
                       Facility Addr2:      Not reported  
                       Mailing Name:      Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MASTERS CLEANERS (Continued)**

**S103662575**

Mailing Address: 502 S STATE ST  
Mailing Address 2: Not reported  
Mailing State: CA  
Mailing Zip: 954824911  
Region Code: 2  
Owner Name: SOUNG KIM  
Owner Address: 502 S STATE ST  
Owner Address 2: Not reported  
Owner Telephone: 7074624129  
Contact Name: SOUNG Y. KIM  
Contact Address: 502 S STATE ST  
Contact Address 2: Not reported  
Contact Telephone: 7074624129

**HAZNET:**

Gepaid: CAL000123302  
Contact: SOUNG Y. KIM  
Telephone: 7074624129  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 502 S STATE ST  
Mailing City,St,Zip: UKIAH, CA 954824911  
Gen County: Mendocino  
TSD EPA ID: CA0000084517  
TSD County: Sacramento  
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l  
Disposal Method: H141  
Tons: 0.14  
Facility County: Mendocino

Gepaid: CAL000123302  
Contact: SOUNG KIM  
Telephone: 7074624129  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 502 S STATE ST  
Mailing City,St,Zip: UKIAH, CA 954824911  
Gen County: Mendocino  
TSD EPA ID: CAT000613943  
TSD County: Sonoma  
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l  
Disposal Method: Transfer Station  
Tons: .3225  
Facility County: Mendocino

Gepaid: CAL000123302  
Contact: SOUNG Y. KIM  
Telephone: 7074624129  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 502 S STATE ST  
Mailing City,St,Zip: UKIAH, CA 954824911  
Gen County: Mendocino  
TSD EPA ID: Not reported  
TSD County: Sacramento  
Waste Category: Not reported  
Disposal Method: Transfer Station

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MASTERS CLEANERS (Continued)**

**S103662575**

Tons: Not reported  
 Facility County: Not reported

Gepaid: CAL000123302  
 Contact: SOUNG Y. KIM  
 Telephone: 7074624129  
 Facility Addr2: Not reported  
 Mailing Name: Not reported  
 Mailing Address: 502 S STATE ST  
 Mailing City,St,Zip: UKIAH, CA 954824911  
 Gen County: Mendocino  
 TSD EPA ID: Not reported  
 TSD County: Sacramento  
 Waste Category: Liquids with halogenated organic compounds > 1000 mg/l  
 Disposal Method: Transfer Station  
 Tons: 0.20  
 Facility County: Not reported

Gepaid: CAL000123302  
 Contact: SOUNG Y. KIM  
 Telephone: 7074624129  
 Facility Addr2: Not reported  
 Mailing Name: Not reported  
 Mailing Address: 502 S STATE ST  
 Mailing City,St,Zip: UKIAH, CA 954824911  
 Gen County: Mendocino  
 TSD EPA ID: CA0000084517  
 TSD County: Sacramento  
 Waste Category: Liquids with halogenated organic compounds > 1000 mg/l  
 Disposal Method: Transfer Station  
 Tons: 0.2  
 Facility County: Not reported

[Click this hyperlink](#) while viewing on your computer to access  
 8 additional CA\_HAZNET: record(s) in the EDR Site Report.

**N41  
 West  
 1/8-1/4  
 0.196 mi.  
 1035 ft.**

**MENDOCINO COUNTY COURTHOUSE  
 100 N STATE ST  
 UKIAH, CA 95482**

**CA FID UST S101588559  
 SWEEPS UST N/A**

**Site 1 of 3 in cluster N**

**Relative:  
 Higher**

CA FID UST:  
 Facility ID: 23000335  
 Regulated By: UTNKA  
 Regulated ID: 00044836  
 Cortese Code: Not reported  
 SIC Code: Not reported  
 Facility Phone: 7074634291  
 Mail To: Not reported  
 Mailing Address: COURTHOUSE  
 Mailing Address 2: Not reported  
 Mailing City,St,Zip: UKIAH 95482  
 Contact: Not reported  
 Contact Phone: Not reported  
 DUNs Number: Not reported  
 NPDES Number: Not reported  
 EPA ID: Not reported

**Actual:  
 631 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MENDOCINO COUNTY COURTHOUSE (Continued)**

**S101588559**

Comments: Not reported  
Status: Active

**SWEEPS UST:**

Status: A  
Comp Number: 44836  
Number: 5  
Board Of Equalization: 44-014143  
Ref Date: 11-02-90  
Act Date: 11-02-90  
Created Date: 07-31-88  
Tank Status: A  
Owner Tank Id: #UG-003  
Swrcb Tank Id: 23-000-044836-000001  
Actv Date: 07-01-85  
Capacity: 2000  
Tank Use: UNKNOWN  
Stg: P  
Content: Not reported  
Number Of Tanks: 1

**N42  
West  
1/8-1/4  
0.200 mi.  
1056 ft.**

**BOYD, HAROLD  
STATE STREET, NORTH 200  
UKIAH, CA  
Site 2 of 3 in cluster N**

**HIST CORTESE S102425588  
LUST N/A**

**Relative:  
Higher**

**CORTESE:**  
Region: CORTESE  
Facility County Code: 23  
Reg By: LTNKA  
Reg Id: 1TMC074

**Actual:  
632 ft.**

**LUST:**

Region: STATE  
Global Id: T0604500065  
Latitude: 39.1505893  
Longitude: -123.2077997  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 1991-06-17 00:00:00  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Case Worker: ZZZ  
Local Agency: MENDOCINO COUNTY  
RB Case Number: 1TMC074  
LOC Case Number: Not reported  
File Location: Not reported  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Diesel  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

**LUST REG 1:**

Region: 1  
Facility ID: 1TMC074



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BOYD, HAROLD (Continued)**

**S102425588**

Staff Initials: Closed

**K43**  
**ESE**  
**1/8-1/4**  
**0.201 mi.**  
**1062 ft.**

**MENDOCINO COUNTY PUBLIC HEALTH SERVICE**  
**631 SOUTH ORCHARD AVENUE**  
**UKIAH, CA 95482**

**RCRA-SQG 1000376381**  
**FINDS CAD981403439**

**Site 2 of 2 in cluster K**

**Relative:**  
**Lower**

**RCRA-SQG:**

Date form received by agency: 09/01/1996

Facility name: DOHS-MENDOCINO CO

Facility address: 631 S ORCHARD AVE  
UKIAH, CA 95482

EPA ID: CAD981403439

Mailing address: 714 P STREET  
SACRAMENTO, CA 95814

Contact: Not reported

Contact address: Not reported

Contact country: Not reported

Contact telephone: Not reported

Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Owner/Operator Summary:**

Owner/operator name: STATE OF CALIFORNIA  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999

Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212

Legal status: State  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999

Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212

Legal status: State  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: Unknown  
Mixed waste (haz. and radioactive): Unknown  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MENDOCINO COUNTY PUBLIC HEALTH SERVICE (Continued)**

**1000376381**

Underground injection activity: No  
 On-site burner exemption: Unknown  
 Furnace exemption: Unknown  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No  
 Off-site waste receiver: Verified to be non-commercial

Historical Generators:

Date form received by agency: 05/16/1986  
 Facility name: DOHS-MENDOCINO CO  
 Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110008267650

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**H44 EAST PERKINS BP/RINEHART OIL, INC**  
**ENE 596 E PERKINS ST**  
**1/8-1/4 UKIAH, CA 95482**  
**0.203 mi.**  
**1070 ft. Site 4 of 11 in cluster H**

**CA FID UST S101588553**  
**SWEEPS UST N/A**

**Relative:** CA FID UST:  
**Lower** Facility ID: 23000152  
 Regulated By: UTNKA  
**Actual:** Regulated ID: 00014599  
**608 ft.** Cortese Code: Not reported  
 SIC Code: Not reported  
 Facility Phone: 7074620954  
 Mail To: Not reported  
 Mailing Address: P O BOX 725  
 Mailing Address 2: Not reported  
 Mailing City, St, Zip: UKIAH 95482  
 Contact: Not reported  
 Contact Phone: Not reported  
 DUNs Number: Not reported  
 NPDES Number: Not reported  
 EPA ID: Not reported  
 Comments: Not reported  
 Status: Active

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST PERKINS BP/RINEHART OIL, INC (Continued)**

**S101588553**

**SWEEPS UST:**

Status: A  
Comp Number: 14599  
Number: 1  
Board Of Equalization: 44-014070  
Ref Date: 11-08-90  
Act Date: 11-08-90  
Created Date: 07-31-88  
Tank Status: A  
Owner Tank Id: 4  
Swrcb Tank Id: 23-000-014599-000001  
Actv Date: 07-01-85  
Capacity: 550  
Tank Use: OIL  
Stg: W  
Content: WASTE OIL  
Number Of Tanks: 4

Status: A  
Comp Number: 14599  
Number: 1  
Board Of Equalization: 44-014070  
Ref Date: 11-08-90  
Act Date: 11-08-90  
Created Date: 07-31-88  
Tank Status: A  
Owner Tank Id: 1  
Swrcb Tank Id: 23-000-014599-000002  
Actv Date: 07-01-85  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: A  
Comp Number: 14599  
Number: 1  
Board Of Equalization: 44-014070  
Ref Date: 11-08-90  
Act Date: 11-08-90  
Created Date: 07-31-88  
Tank Status: A  
Owner Tank Id: 2  
Swrcb Tank Id: 23-000-014599-000003  
Actv Date: 07-01-85  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: A  
Comp Number: 14599  
Number: 1  
Board Of Equalization: 44-014070  
Ref Date: 11-08-90

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST PERKINS BP/RINEHART OIL, INC (Continued)**

**S101588553**

Act Date: 11-08-90  
Created Date: 07-31-88  
Tank Status: A  
Owner Tank Id: 3  
Swrcb Tank Id: 23-000-014599-000004  
Actv Date: 07-01-85  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: LEADED  
Number Of Tanks: Not reported

**H45  
ENE  
1/8-1/4  
0.203 mi.  
1070 ft.**

**EAST PERKINS MOBIL  
596 E PERKINS ST  
UKIAH, CA 95482**

**HIST UST U001610914  
N/A**

**Site 5 of 11 in cluster H**

**Relative:  
Lower**

HIST UST:

**Actual:  
608 ft.**

Region: STATE  
Facility ID: 00000014599  
Facility Type: Gas Station  
Other Type: Not reported  
Total Tanks: 0004  
Contact Name: Not reported  
Telephone: 7074628811  
Owner Name: RINEHART OIL, INC.  
Owner Address: 1401 N. STATE ST.  
Owner City,St,Zip: UKIAH, CA 95482

Tank Num: 001  
Container Num: 4  
Year Installed: Not reported  
Tank Capacity: 00000550  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: 2  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST PERKINS MOBIL (Continued)**

**U001610914**

Container Num: 3  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

**O46**  
**WSW**  
**1/8-1/4**  
**0.206 mi.**  
**1086 ft.**

**SHARP BROTHERS AUTO WRECKERS**  
**619 SOUTH STATE**  
**UKIAH, CA 95482**

**ENVIROSTOR** **S101481186**  
**N/A**

**Site 1 of 2 in cluster O**

**Relative:**  
**Higher**

ENVIROSTOR:  
Site Type: Historical  
Site Type Detailed: \* Historical  
Acres: Not reported  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Referred - Not Assigned  
Division Branch: Berkeley  
Facility ID: 23500015  
Site Code: Not reported  
Assembly: 1  
Senate: 2  
Special Program: \* Rural County Survey Program  
Status: Refer: RWQCB  
Status Date: 10/8/1993  
Restricted Use: NO  
Site Mgmt. Req.: NONE SPECIFIED  
Funding: Not reported  
Latitude: 39.146111111111097  
Longitude: -123.20638888888899  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 23500015  
Alias Type: Envirostor ID Number

**Actual:**  
**622 ft.**

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 1988-07-27 00:00:00  
Comments: SITE SCREENING DONE POSS. ON-SITE CONTAMINATION

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 1988-06-05 00:00:00  
Comments: FACILITY IDENTIFIED 1940 PHONE DIR

Future Area Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARP BROTHERS AUTO WRECKERS (Continued)**

**S101481186**

Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**N47** **MCDPW UKIAH COURTHOUSE**  
**West** **STATE STREET, NORTH 100**  
**1/8-1/4** **UKIAH, CA**  
**0.207 mi.**  
**1092 ft.** **Site 3 of 3 in cluster N**

**HIST CORTESE** **S103285746**  
**LUST** **N/A**

**Relative:**  
**Higher**

**CORTESE:**  
Region: CORTESE  
Facility County Code: 23  
Reg By: LTNKA  
Reg Id: 1TMC372

**Actual:**  
**632 ft.**

**LUST:**  
Region: STATE  
Global Id: T0604500304  
Latitude: 39.152955  
Longitude: -123.2069914  
Case Type: LUST Cleanup Site  
Status: Open - Inactive  
Status Date: 2009-02-26 00:00:00  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Case Worker: CHH  
Local Agency: MENDOCINO COUNTY  
RB Case Number: 1TMC372  
LOC Case Number: Not reported  
File Location: Regional Board  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Not reported  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

**LUST REG 1:**

Region: 1  
Facility ID: 1TMC372  
Staff Initials: RSB

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**O48**  
**WSW**  
**1/8-1/4**  
**0.209 mi.**  
**1104 ft.**

**SAFeway (UKIAH)**  
**STATE STREET, SOUTH 635**  
**UKIAH, CA**

**LUST**    **S102627686**  
**N/A**

**Site 2 of 2 in cluster O**

**Relative:**  
**Higher**

LUST REG 1:  
Region:            1  
Facility ID:        1TMC353  
Staff Initials:    Closed

**Actual:**  
**622 ft.**

**H49**  
**ENE**  
**1/8-1/4**  
**0.210 mi.**  
**1107 ft.**

**96361**  
**605 E PERKINS ST**  
**UKIAH, CA 95482**

**HIST UST**    **U001610897**  
**N/A**

**Site 6 of 11 in cluster H**

**Relative:**  
**Lower**

HIST UST:  
Region:            STATE  
Facility ID:        00000062875  
Facility Type:     Gas Station  
Other Type:        Not reported  
Total Tanks:       0005  
Contact Name:     CO BRANDED OUTLET-CHEVRON  
Telephone:         7074629065  
Owner Name:        CHEVRON U.S.A. INC.  
Owner Address:    575 MARKET  
Owner City,St,Zip: SAN FRANCISCO, CA 94105

**Actual:**  
**608 ft.**

Tank Num:         001  
Container Num:    1  
Year Installed:    1980  
Tank Capacity:    00010000  
Tank Used for:    PRODUCT  
Type of Fuel:      Not reported  
Tank Construction: 0000250 unknown  
Leak Detection:   Stock Inventor

Tank Num:         002  
Container Num:    2  
Year Installed:    1980  
Tank Capacity:    00010000  
Tank Used for:    PRODUCT  
Type of Fuel:      Not reported  
Tank Construction: 0000250 unknown  
Leak Detection:   Stock Inventor

Tank Num:         003  
Container Num:    3  
Year Installed:    1980  
Tank Capacity:    00010000  
Tank Used for:    PRODUCT  
Type of Fuel:      Not reported  
Tank Construction: 0000250 unknown  
Leak Detection:   Stock Inventor

Tank Num:         004  
Container Num:    4  
Year Installed:    1980  
Tank Capacity:    00010000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**96361 (Continued)**

**U001610897**

Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 0000250 unknown  
Leak Detection: Stock Inventor

Tank Num: 005  
Container Num: 5  
Year Installed: 1983  
Tank Capacity: 00001000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 0000250 unknown  
Leak Detection: Stock Inventor

**H50  
ENE  
1/8-1/4  
0.210 mi.  
1107 ft.**

**CENTRAL UKIAH CHEVRON  
605 E PERKINS ST  
UKIAH, CA 95482**

**UST U003779984  
N/A**

**Site 7 of 11 in cluster H**

**Relative:  
Lower**

UST:  
Global ID: 6094  
Latitude: 39.15143  
Longitude: -123.19903

**Actual:  
608 ft.**

UST MENDOCINO:  
Region: MENDOCINO

**H51  
ENE  
1/8-1/4  
0.210 mi.  
1107 ft.**

**CHEVRON 96361  
605 E PERKINS ST  
UKIAH, CA 95482**

**RCRA-LQG 1006805266  
FINDS CAR000125294  
HAZNET**

**Site 8 of 11 in cluster H**

**Relative:  
Lower**

RCRA-LQG:  
Date form received by agency: 02/19/2008  
Facility name: CHEVRON 96361  
Facility address: 605 E PERKINS ST.  
UKIAH, CA 95482  
EPA ID: CAR000125294  
Mailing address: PO BOX 6004  
SAN RAMON, CA 94583  
Contact: KATHY L NORRIS  
Contact address: Not reported  
Not reported  
Contact country: Not reported  
Contact telephone: (925) 842-5931  
Contact email: NAWTDESK@CHEVRON.COM  
EPA Region: 09

**Actual:  
608 ft.**

Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON 96361 (Continued)**

**1006805266**

hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: CHEVRON PRODUCTS CO.  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 07/08/1971  
Owner/Op end date: Not reported

Owner/operator name: CHEVRON PRODUCTS CO  
Owner/operator address: P O BOX 6004  
SAN RAMON, CA 94583  
Owner/operator country: Not reported  
Owner/operator telephone: (925) 842-5931  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: CHEVRON PRODUCTS CO.  
Owner/operator address: PO BOX 6004  
SAN RAMON, CA 94583  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 07/08/1971  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Commercial status unknown

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON 96361 (Continued)**

**1006805266**

Universal Waste Summary:

Waste type: Batteries  
Accumulated waste on-site: No  
Generated waste on-site: Not reported

Waste type: Lamps  
Accumulated waste on-site: No  
Generated waste on-site: Not reported

Waste type: Pesticides  
Accumulated waste on-site: No  
Generated waste on-site: Not reported

Waste type: Thermostats  
Accumulated waste on-site: No  
Generated waste on-site: Not reported

Historical Generators:

Date form received by agency: 06/17/2002  
Facility name: CHEVRON 96361  
Site name: CHEVRON STATION NO 96361  
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018  
Waste name: BENZENE

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018  
Waste name: BENZENE

Biennial Reports:

Last Biennial Reporting Year: 2009

Annual Waste Handled:

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON 96361 (Continued)**

**1006805266**

CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 12518

Waste code: D018  
Waste name: BENZENE  
Amount (Lbs): 12518

Violation Status: No violations found

**FINDS:**

Registry ID: 110013308900

**Environmental Interest/Information System**

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**HAZNET:**

Gepaid: CAR000125294  
Contact: Kathy Norris  
Telephone: 9258425931  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 6004  
Mailing City,St,Zip: San Ramon, CA 94583  
Gen County: Mendocino  
TSD EPA ID: CAD009466392  
TSD County: Contra Costa  
Waste Category: Other empty containers 30 gallons or more  
Disposal Method: H141  
Tons: 9  
Facility County: Mendocino

Gepaid: CAR000125294  
Contact: Kathy Norris  
Telephone: 9258425931  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 6004  
Mailing City,St,Zip: San Ramon, CA 94583  
Gen County: Mendocino  
TSD EPA ID: CAD009452657

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON 96361 (Continued)**

1006805266

TSD County: San Mateo  
Waste Category: Not reported  
Disposal Method: H135  
Tons: 6.25  
Facility County: Mendocino

H52  
ENE  
1/8-1/4  
0.210 mi.  
1107 ft.

**CHEVRON #96361  
605 E PERKINS ST  
UKIAH, CA 95482**

**CA FID UST S101588533  
SWEEPS UST N/A**

**Site 9 of 11 in cluster H**

**Relative:  
Lower**

CA FID UST:  
Facility ID: 23000012  
Regulated By: UTNKA  
Regulated ID: 00062875  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7074629065  
Mail To: Not reported  
Mailing Address: 605 E PERKINS ST  
Mailing Address 2: Not reported  
Mailing City,St,Zip: UKIAH 95482  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**Actual:  
608 ft.**

**SWEEPS UST:**

Status: A  
Comp Number: 62875  
Number: 1  
Board Of Equalization: 44-031913  
Ref Date: 01-20-94  
Act Date: 06-24-94  
Created Date: 07-31-88  
Tank Status: A  
Owner Tank Id: 3  
Swrcb Tank Id: 23-000-062875-000001  
Actv Date: 01-20-94  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: 4

Status: A  
Comp Number: 62875  
Number: 1  
Board Of Equalization: 44-031913  
Ref Date: 01-20-94  
Act Date: 06-24-94  
Created Date: 07-31-88  
Tank Status: A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON #96361 (Continued)**

**S101588533**

Owner Tank Id: 2  
Swrcb Tank Id: 23-000-062875-000002  
Actv Date: 01-20-94  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: PLUS UNLEADED  
Number Of Tanks: Not reported

Status: A  
Comp Number: 62875  
Number: 1  
Board Of Equalization: 44-031913  
Ref Date: 01-20-94  
Act Date: 06-24-94  
Created Date: 07-31-88  
Tank Status: A  
Owner Tank Id: 4  
Swrcb Tank Id: 23-000-062875-000003  
Actv Date: 01-20-94  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: PRM UNLEADED  
Number Of Tanks: Not reported

Status: A  
Comp Number: 62875  
Number: 1  
Board Of Equalization: 44-031913  
Ref Date: 01-20-94  
Act Date: 06-24-94  
Created Date: 07-31-88  
Tank Status: A  
Owner Tank Id: 1  
Swrcb Tank Id: 23-000-062875-000004  
Actv Date: 01-20-94  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: Not reported

53  
ENE  
1/8-1/4  
0.216 mi.  
1143 ft.

**PACIFIC BELL**  
**126 N ORCHARD**  
**UKIAH, CA 95482**

**RCRA-SQG 1000251816**  
**FINDS CAT080028434**

**Relative:**  
**Lower**

RCRA-SQG:  
Date form received by agency: 09/01/1996  
Facility name: PACIFIC BELL  
Facility address: 126 N ORCHARD  
UKIAH, CA 95482  
EPA ID: CAT080028434  
Mailing address: 3707 KINGS WAY SEC A-6  
SACRAMENTO, CA 95821  
Contact: Not reported

**Actual:**  
**609 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC BELL (Continued)**

**1000251816**

Contact address: Not reported  
Not reported  
Contact country: Not reported  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: PEAR ORCHARD ASSOCIATES  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown  
Mixed waste (haz. and radioactive): Unknown  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: Unknown  
Furnace exemption: Unknown  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Verified to be non-commercial

Historical Generators:

Date form received by agency: 01/22/1981  
Facility name: PACIFIC BELL  
Classification: Large Quantity Generator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC BELL (Continued)**

**1000251816**

Violation Status: No violations found

**FINDS:**

Registry ID: 110002954517

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**H54  
ENE  
1/8-1/4  
0.219 mi.  
1155 ft.**

**EAST PERKINS TEXACO  
704 E PERKINS ST  
UKIAH, CA 95482  
Site 10 of 11 in cluster H**

**HIST UST U001610915  
N/A**

**Relative:  
Lower**

**HIST UST:**

Region: STATE  
Facility ID: 00000014608  
Facility Type: Gas Station  
Other Type: Not reported  
Total Tanks: 0005  
Contact Name: Not reported  
Telephone: 7074628811  
Owner Name: RINEHART OIL, INC.  
Owner Address: 1401 NO. STATE ST.  
Owner City,St,Zip: UKIAH, CA 95482

**Actual:  
608 ft.**

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: 2  
Year Installed: Not reported  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: 3  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Tank Construction: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST PERKINS TEXACO (Continued)**

**U001610915**

Leak Detection: Stock Inventor

Tank Num: 004  
Container Num: 4  
Year Installed: Not reported  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 005  
Container Num: 5  
Year Installed: Not reported  
Tank Capacity: 00000550  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

**H55**  
**ENE**  
**1/8-1/4**  
**0.219 mi.**  
**1155 ft.**

**HERB'S TEXACO/RINEHART OIL, INC**  
**704 E PERKINS ST**  
**UKIAH, CA 95482**

**CA FID UST S101588578**  
**SWEEPS UST N/A**

**Site 11 of 11 in cluster H**

**Relative:**  
**Lower**

CA FID UST:  
Facility ID: 23000840  
Regulated By: UTKNA  
Regulated ID: 00014608  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7074620832  
Mail To: Not reported  
Mailing Address: P O BOX 725  
Mailing Address 2: Not reported  
Mailing City,St,Zip: UKIAH 95482  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**Actual:**  
**608 ft.**

**SWEEPS UST:**

Status: A  
Comp Number: 14608  
Number: 1  
Board Of Equalization: 44-014075  
Ref Date: 11-08-90  
Act Date: 11-08-90  
Created Date: 07-31-88  
Tank Status: A  
Owner Tank Id: 1-41  
Swrcb Tank Id: 23-000-014608-000001  
Actv Date: 02-27-89



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HERB'S TEXACO/RINEHART OIL, INC (Continued)**

**S101588578**

Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: 5

Status: A  
Comp Number: 14608  
Number: 1  
Board Of Equalization: 44-014075  
Ref Date: 11-08-90  
Act Date: 11-08-90  
Created Date: 07-31-88  
Tank Status: A  
Owner Tank Id: 2-41  
Swrcb Tank Id: 23-000-014608-000002  
Actv Date: 02-27-89  
Capacity: 6000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: A  
Comp Number: 14608  
Number: 1  
Board Of Equalization: 44-014075  
Ref Date: 11-08-90  
Act Date: 11-08-90  
Created Date: 07-31-88  
Tank Status: A  
Owner Tank Id: 3-41  
Swrcb Tank Id: 23-000-014608-000003  
Actv Date: 02-27-89  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: LEADED  
Number Of Tanks: Not reported

Status: A  
Comp Number: 14608  
Number: 1  
Board Of Equalization: 44-014075  
Ref Date: 11-08-90  
Act Date: 11-08-90  
Created Date: 07-31-88  
Tank Status: A  
Owner Tank Id: 4-41  
Swrcb Tank Id: 23-000-014608-000004  
Actv Date: 02-27-89  
Capacity: 2000  
Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HERB'S TEXACO/RINEHART OIL, INC (Continued)**

**S101588578**

Status: A  
Comp Number: 14608  
Number: 1  
Board Of Equalization: 44-014075  
Ref Date: 11-08-90  
Act Date: 11-08-90  
Created Date: 07-31-88  
Tank Status: A  
Owner Tank Id: 5-41  
Swrcb Tank Id: 23-000-014608-000005  
Actv Date: 02-27-89  
Capacity: 550  
Tank Use: OIL  
Stg: W  
Content: WASTE OIL  
Number Of Tanks: Not reported

56  
WNW  
1/8-1/4  
0.242 mi.  
1278 ft.

**DON LOEHR'S AUTO SERVICE  
406 N STATE ST  
UKIAH, CA 95482**

**HIST UST U001610913  
N/A**

**Relative:  
Higher**  
  
**Actual:  
630 ft.**

HIST UST:  
Region: STATE  
Facility ID: 00000014824  
Facility Type: Gas Station  
Other Type: Not reported  
Total Tanks: 0004  
Contact Name: DON LOEHR  
Telephone: 7074680991  
Owner Name: DONALD E LOEHR  
Owner Address: 406 N. STATE ST.  
Owner City,St,Zip: UKIAH, CA 95482

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00005000  
Tank Used for: PRODUCT  
Type of Fuel: PREMIUM  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: 0000000001  
Year Installed: Not reported  
Tank Capacity: 00004000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: 3  
Year Installed: Not reported  
Tank Capacity: 00008000  
Tank Used for: PRODUCT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DON LOEHR'S AUTO SERVICE (Continued)**

**U001610913**

Type of Fuel: REGULAR  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 004  
Container Num: 4  
Year Installed: Not reported  
Tank Capacity: 00000550  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Tank Construction: Not reported  
Leak Detection: None

**M57**  
**West**  
**1/8-1/4**  
**0.245 mi.**  
**1291 ft.**

**MASTER CLEANERS**  
**195 SEMINARY AVE**  
**UKIAH, CA 95482**  
**Site 3 of 3 in cluster M**

**DRYCLEANERS** **S110116243**  
**N/A**

**Relative:**  
**Higher**

**DRYCLEANERS:**  
EPA Id: CAL000012983  
NAICS Code: Not reported  
NAICS Description: Not reported  
SIC Code: Not reported  
SIC Description: Not reported  
Create Date: 11/14/1989  
Facility Active: No  
Inactive Date: 1/1/1900 1:43:00 PM  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 195 SEMINARY AVE  
Mailing Address 2: Not reported  
Mailing State: CA  
Mailing Zip: 954820000  
Region Code: 2  
Owner Name: SOUNG YOUNG KIM  
Owner Address: --  
Owner Address 2: Not reported  
Owner Telephone: 0000000000  
Contact Name: INACTIVE/BUS MOVED  
Contact Address: VALID #CAL000123302  
Contact Address 2: Not reported  
Contact Telephone: --

**Actual:**  
**630 ft.**

**58**  
**WSW**  
**1/8-1/4**  
**0.250 mi.**  
**1319 ft.**

**PACIFIC BELL**  
**510 S SCHOOL ST**  
**UKIAH, CA 95482**

**RCRA-NonGen** **1000251815**  
**FINDS** **CAT080028426**

**Relative:**  
**Higher**

**RCRA-NonGen:**  
Date form received by agency: 09/09/1997  
Facility name: PACIFIC BELL  
Facility address: 510 S SCHOOL ST  
UKIAH, CA 95482  
EPA ID: CAT080028426

**Actual:**  
**630 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC BELL (Continued)**

**1000251815**

Mailing address: 3707 KINGS WAY SEC A-6  
SACRAMENTO, CA 95821  
Contact: ENVIRONMENTAL MANAGER  
Contact address: 510 S SCHOOL ST  
UKIAH, CA 95482  
Contact country: US  
Contact telephone: (916) 485-0997  
Contact email: Not reported  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: COURT LTD C/O POSTAL MGNT SERVICES CO  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): Unknown  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Verified to be non-commercial

**Historical Generators:**

Date form received by agency: 09/01/1996  
Facility name: PACIFIC BELL  
Classification: Small Quantity Generator

Date form received by agency: 01/22/1981  
Facility name: PACIFIC BELL  
Classification: Large Quantity Generator

Violation Status: No violations found

**FINDS:**

Registry ID: 110002954508

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC BELL (Continued)**

**1000251815**

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**P59**  
**West**  
**1/4-1/2**  
**0.253 mi.**  
**1336 ft.**

**SAVINGS BANK OF MENDOCINO /UK**  
**SCHOOL STREET, NORTH 200**  
**UKIAH, CA**

**HIST CORTESE**  
**LUST**  
**HAZNET**

**S102436507**  
**N/A**

**Site 1 of 2 in cluster P**

**Relative:**  
**Higher**

**CORTESE:**

Region: CORTESE  
Facility County Code: 23  
Reg By: LTNKA  
Reg Id: 1TMC258

**Actual:**  
**637 ft.**

**LUST:**

Region: STATE  
Global Id: T0604500219  
Latitude: 39.1504414  
Longitude: -123.2087598  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 1994-05-20 00:00:00  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Case Worker: ZZZ  
Local Agency: MENDOCINO COUNTY  
RB Case Number: 1TMC258  
LOC Case Number: Not reported  
File Location: Regional Board  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

**LUST REG 1:**

Region: 1  
Facility ID: 1TMC258  
Staff Initials: Closed

**HAZNET:**

Gepaid: CAC000884368  
Contact: SAVINGS BANK  
Telephone: 0000000000  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 200 SCHOOL ST  
Mailing City,St,Zip: UKIAH, CA 954820000  
Gen County: Mendocino  
TSD EPA ID: CAL000027741

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SAVINGS BANK OF MENDOCINO /UK (Continued)**

**S102436507**

TSD County: 5  
 Waste Category: Asbestos-containing waste  
 Disposal Method: Disposal, Land Fill  
 Tons: 2.1070  
 Facility County: Mendocino

**60**  
**ENE**  
 1/4-1/2  
 0.256 mi.  
 1352 ft.

**CIRCLE K (FORMER TOSCO)**  
**795 PERKINS**  
**UKIAH, CA 95482**

**HIST CORTESE**  
**LUST** **S105027148**  
**N/A**

**Relative:**  
**Lower**

**CORTESE:**  
 Region: CORTESE  
 Facility County Code: 23  
 Reg By: LTNKA  
 Reg Id: 1TMC413

**Actual:**  
**607 ft.**

**LUST:**

Region: STATE  
 Global Id: T0604500339  
 Latitude: 39.1513325156284  
 Longitude: -123.193065271748  
 Case Type: LUST Cleanup Site  
 Status: Completed - Case Closed  
 Status Date: 2010-06-25 00:00:00  
 Lead Agency: NORTH COAST RWQCB (REGION 1)  
 Case Worker: ZZZ  
 Local Agency: MENDOCINO COUNTY  
 RB Case Number: 1TMC413  
 LOC Case Number: Not reported  
 File Location: Regional Board  
 Potential Media Affect: Aquifer used for drinking water supply  
 Potential Contaminants of Concern: Gasoline  
 Site History: The site is a gasoline station. In January of 1999, three 10,000-gallon underground storage tanks and associated piping. At that time, contaminated soil was over-excavated and removed from the property. Soil and groundwater samples indicated the presence of diesel, gasoline, BTEX, and oxygenates. The investigation and remediation is ongoing. No Further Action letter issued June 25, 2010. Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**61**  
**SSE**  
 1/4-1/2  
 0.259 mi.  
 1366 ft.

**FAST AND EASY MART**  
**390 GOBBI STREET, EAST**  
**UKIAH, CA 95482**

**LUST** **S105693891**  
**N/A**

**Relative:**  
**Lower**

**LUST:**  
 Region: STATE  
 Global Id: T0604516589  
 Latitude: 39.1445565858321  
 Longitude: -123.201295137405  
 Case Type: LUST Cleanup Site

**Actual:**  
**602 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAST AND EASY MART (Continued)**

**S105693891**

Status: Open - Site Assessment  
Status Date: 2003-12-10 00:00:00  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Case Worker: BAR  
Local Agency: MENDOCINO COUNTY  
RB Case Number: 1TMC532  
LOC Case Number: Not reported  
File Location: Regional Board  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History: Site is a gasoline station that has had a release of petroleum hydrocarbons from leaking underground storage tanks. The investigation is ongoing.

[Click here to access the California GeoTracker records for this facility:](#)

**62**  
**South**  
**1/4-1/2**  
**0.279 mi.**  
**1475 ft.**

**DIBBLE INVESTMENTS/CHEVRON**  
**GOBBI STREET, EAST 187**  
**UKIAH, CA**

**HIST CORTESE** **S101298792**  
**LUST** **N/A**

**Relative:**  
**Lower**

**CORTESE:**  
Region: CORTESE  
Facility County Code: 23  
Reg By: LTNKA  
Reg Id: 1TMC062

**Actual:**  
**604 ft.**

**LUST:**

Region: STATE  
Global Id: T0604500053  
Latitude: 39.1442802  
Longitude: -123.2022203  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 1997-08-12 00:00:00  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Case Worker: ZZZ  
Local Agency: MENDOCINO COUNTY  
RB Case Number: 1TMC062  
LOC Case Number: Not reported  
File Location: Not reported  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Diesel  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**LUST REG 1:**

Region: 1  
Facility ID: 1TMC062  
Staff Initials: Closed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

63  
West  
1/4-1/2  
0.300 mi.  
1582 ft.

**SBC FACILITY - STEPHENSON STREET**  
**305 STEPHENSON STREET, WEST**  
**UKIAH, CA 95482**

**LUST** **S106874703**  
**N/A**

**Relative:**  
**Higher**

LUST:

Region: STATE  
Global Id: T0604507741  
Latitude: 39.1483899  
Longitude: -123.2092438  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 2005-06-27 00:00:00  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Case Worker: ZZZ  
Local Agency: MENDOCINO COUNTY  
RB Case Number: 1TMC567  
LOC Case Number: Not reported  
File Location: Regional Board  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Diesel  
Site History: Not reported

**Actual:**  
**641 ft.**

[Click here to access the California GeoTracker records for this facility:](#)

64  
West  
1/4-1/2  
0.301 mi.  
1590 ft.

**CITY OF UKIAH ELECTRIC DEPARTMENT**  
**300 SEMINARY AVENUE**  
**UKIAH, CA 95482**

**HIST CORTESE** **S100858797**  
**LUST** **N/A**  
**HAZNET**

**Relative:**  
**Higher**

CORTESE:

Region: CORTESE  
Facility County Code: 23  
Reg By: LTNKA  
Reg Id: 1TMC092

**Actual:**  
**638 ft.**

LUST:

Region: STATE  
Global Id: T0604500081  
Latitude: 39.1472402  
Longitude: -123.2081634  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 1994-10-04 00:00:00  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Case Worker: ZZZ  
Local Agency: MENDOCINO COUNTY  
RB Case Number: 1TMC092  
LOC Case Number: Not reported  
File Location: Not reported  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Diesel  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CITY OF UKIAH ELECTRIC DEPARTMENT (Continued)

S100858797

HAZNET:

Gepaid: CAL000025525  
Contact: CITY OF UKIAH  
Telephone: 7074636200  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 1320 AIRPORT ROAD  
Mailing City,St,Zip: UKIAH, CA 954820000  
Gen County: Mendocino  
TSD EPA ID: AZD982465866  
TSD County: 99  
Waste Category: Not reported  
Disposal Method: Not reported  
Tons: .0000  
Facility County: Mendocino

Gepaid: CAL000025525  
Contact: CITY OF UKIAH  
Telephone: 7074636200  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 1320 AIRPORT ROAD  
Mailing City,St,Zip: UKIAH, CA 954820000  
Gen County: Mendocino  
TSD EPA ID: AZD982465866  
TSD County: 99  
Waste Category: Polychlorinated biphenyls and material containing PCB's  
Disposal Method: Recycler  
Tons: 18.7030  
Facility County: Mendocino

Gepaid: CAL000025525  
Contact: CITY OF UKIAH  
Telephone: 7074636200  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 1320 AIRPORT ROAD  
Mailing City,St,Zip: UKIAH, CA 954820000  
Gen County: Mendocino  
TSD EPA ID: ALD983167891  
TSD County: 99  
Waste Category: Liquids with polychlorinated biphenyls > 50 mg/l  
Disposal Method: Not reported  
Tons: 2.8132  
Facility County: Mendocino

Gepaid: CAL000025525  
Contact: CITY OF UKIAH  
Telephone: 7074636200  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 1320 AIRPORT ROAD  
Mailing City,St,Zip: UKIAH, CA 954820000  
Gen County: Mendocino  
TSD EPA ID: AZD982465866  
TSD County: 99  
Waste Category: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF UKIAH ELECTRIC DEPARTMENT (Continued)**

**S100858797**

Disposal Method: Recycler  
 Tons: 6.0731  
 Facility County: Mendocino

Gepaid: CAL000025525  
 Contact: CITY OF UKIAH  
 Telephone: 7074636200  
 Facility Addr2: Not reported  
 Mailing Name: Not reported  
 Mailing Address: 1320 AIRPORT ROAD  
 Mailing City,St,Zip: UKIAH, CA 954820000  
 Gen County: Mendocino  
 TSD EPA ID: AZD982465866  
 TSD County: 99  
 Waste Category: Polychlorinated biphenyls and material containing PCB's  
 Disposal Method: Treatment, Incineration  
 Tons: .2997  
 Facility County: Mendocino

[Click this hyperlink](#) while viewing on your computer to access 8 additional CA\_HAZNET: record(s) in the EDR Site Report.

**P65**  
**West**  
**1/4-1/2**  
**0.303 mi.**  
**1601 ft.**

**USPS MAIN POST OFFICE, UKIAH**  
**OAK STREET, NORTH 244**  
**UKIAH, CA**  
**Site 2 of 2 in cluster P**

**HIST CORTESE** **S101298798**  
**LUST** **N/A**

**Relative:**  
**Higher**

**CORTESE:**  
 Region: CORTESE  
 Facility County Code: 23  
 Reg By: LTNKA  
 Reg Id: 1TMC105

**Actual:**  
**642 ft.**

**LUST:**  
 Region: STATE  
 Global Id: T0604500092  
 Latitude: 39.1506348  
 Longitude: -123.2097697  
 Case Type: LUST Cleanup Site  
 Status: Completed - Case Closed  
 Status Date: 1996-11-18 00:00:00  
 Lead Agency: NORTH COAST RWQCB (REGION 1)  
 Case Worker: ZZZ  
 Local Agency: MENDOCINO COUNTY  
 RB Case Number: 1TMC105  
 LOC Case Number: Not reported  
 File Location: Not reported  
 Potential Media Affect: Aquifer used for drinking water supply  
 Potential Contaminants of Concern: Diesel  
 Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**LUST REG 1:**  
 Region: 1  
 Facility ID: 1TMC105

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USPS MAIN POST OFFICE, UKIAH (Continued)**

**S101298798**

Staff Initials: Closed

**Q66**  
**SSW**  
**1/4-1/2**  
**0.311 mi.**  
**1642 ft.**

**MOTORSPORTS OF UKIAH**  
**STATE STREET, SOUTH 724**  
**UKIAH, CA**

**HIST CORTESE**  
**LUST**

**S101298823**  
**N/A**

**Site 1 of 2 in cluster Q**

**Relative:**  
**Higher**

**CORTESE:**  
Region: CORTESE  
Facility County Code: 23  
Reg By: LTNKA  
Reg Id: 1TMC098

**Actual:**  
**619 ft.**

**LUST:**  
Region: STATE  
Global Id: T0604500087  
Latitude: 39.142134  
Longitude: -123.206734  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 1996-01-22 00:00:00  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Case Worker: ZZZ  
Local Agency: MENDOCINO COUNTY  
RB Case Number: 1TMC098  
LOC Case Number: Not reported  
File Location: Not reported  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**LUST REG 1:**  
Region: 1  
Facility ID: 1TMC098  
Staff Initials: Closed

**67**  
**West**  
**1/4-1/2**  
**0.313 mi.**  
**1654 ft.**

**FIRST BAPTIST CHURCH**  
**SMITH STREET, WEST 300**  
**UKIAH, CA**

**HIST CORTESE**  
**LUST**

**S102627685**  
**N/A**

**Relative:**  
**Higher**

**CORTESE:**  
Region: CORTESE  
Facility County Code: 23  
Reg By: LTNKA  
Reg Id: 1TMC354

**Actual:**  
**642 ft.**

**LUST:**  
Region: STATE  
Global Id: T0604500288  
Latitude: 39.1507751

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FIRST BAPTIST CHURCH (Continued)**

**S102627685**

Longitude: -123.2099415  
 Case Type: LUST Cleanup Site  
 Status: Completed - Case Closed  
 Status Date: 2005-02-04 00:00:00  
 Lead Agency: NORTH COAST RWQCB (REGION 1)  
 Case Worker: ZZZ  
 Local Agency: MENDOCINO COUNTY  
 RB Case Number: 1TMC354  
 LOC Case Number: Not reported  
 File Location: Regional Board  
 Potential Media Affect: Aquifer used for drinking water supply, Soil  
 Potential Contaminants of Concern: Diesel  
 Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

LUST REG 1:  
 Region: 1  
 Facility ID: 1TMC354  
 Staff Initials: DLW

**R68**  
**East**  
**1/4-1/2**  
**0.332 mi.**  
**1751 ft.**

**CIRCLE K (FORMER TOSCO)**  
**EAST PERKINS STREET 795**  
**UKIAH, CA**

**LUST S103890443**  
**N/A**

**Site 1 of 2 in cluster R**

**Relative:**  
**Lower**

LUST REG 1:  
 Region: 1  
 Facility ID: 1TMC413  
 Staff Initials: DLW

**Actual:**  
**605 ft.**

**69**  
**NNW**  
**1/4-1/2**  
**0.341 mi.**  
**1801 ft.**

**WALKER PROPERTY**  
**CLARA AVENUE 195**  
**UKIAH, CA**

**HIST CORTESE S102441029**  
**LUST N/A**

**Relative:**  
**Higher**

CORTESE:  
 Region: CORTESE  
 Facility County Code: 23  
 Reg By: LTNKA  
 Reg Id: 1TMC136

**Actual:**  
**627 ft.**

LUST:  
 Region: STATE  
 Global Id: T0604500119  
 Latitude: 39.154996  
 Longitude: -123.205717  
 Case Type: LUST Cleanup Site  
 Status: Completed - Case Closed  
 Status Date: 1997-02-14 00:00:00  
 Lead Agency: NORTH COAST RWQCB (REGION 1)  
 Case Worker: ZZZ  
 Local Agency: MENDOCINO COUNTY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WALKER PROPERTY (Continued)**

**S102441029**

RB Case Number: 1TMC136  
LOC Case Number: Not reported  
File Location: Not reported  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Diesel  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

LUST REG 1:  
Region: 1  
Facility ID: 1TMC136  
Staff Initials: Closed

70  
NW  
1/4-1/2  
0.344 mi.  
1814 ft.

**SHELL, STEFANI  
STATE STREET, NORTH 406  
UKIAH, CA**

**HIST CORTESE S102437453  
LUST N/A**

**Relative:  
Higher**

CORTESE:  
Region: CORTESE  
Facility County Code: 23  
Reg By: LTNKA  
Reg Id: 1TMC138

**Actual:  
626 ft.**

LUST:  
Region: STATE  
Global Id: T0604500121  
Latitude: 39.152075  
Longitude: -123.2083528  
Case Type: LUST Cleanup Site  
Status: Open - Remediation  
Status Date: 2007-07-19 00:00:00  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Case Worker: CSH  
Local Agency: MENDOCINO COUNTY  
RB Case Number: 1TMC138  
LOC Case Number: Not reported  
File Location: Regional Board  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History: Soil and groundwater contamination with gasoline were found when the underground fuel storage tanks at this former gas station were removed in 1990.

[Click here to access the California GeoTracker records for this facility:](#)

LUST REG 1:  
Region: 1  
Facility ID: 1TMC138  
Staff Initials: DLW

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**R71**            **UKIAH CITY SWDS**  
**East**         **VICHI SPRINGS RD**  
**1/4-1/2**       **UKIAH**            **CA, CA 95482**  
**0.346 mi.**  
**1828 ft.**       **Site 2 of 2 in cluster R**

**WMUDS/SWAT**    **S103341584**  
**WDS**                **N/A**

**Relative:**  
**Lower**  
  
**Actual:**  
**604 ft.**

WMUDS/SWAT:

Edit Date: Not reported  
 Complexity: Category A - Any major NPDES facility, any non-NPDES facility (particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility (particularly those with toxicwastes) with numerous discharge points, leak detection systems or ground water monitoring wells.  
 Primary Waste: Solid Wastes  
 Primary Waste Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).  
 Secondary Waste: Not reported  
 Secondary Waste Type: Not reported  
 Base Meridian: Not reported  
 NPID: Not reported  
 Tonnage: 0  
 Regional Board ID: Not reported  
 Municipal Solid Waste: True  
 Superorder: True  
 Open To Public: False  
 Waste List: True  
 Agency Type: City  
 Agency Name: UKIAH, CITY OF  
 Agency Department: Not reported  
 Agency Address: 300 SEMINARY AVE  
 Agency City,St,Zip: UKIAH CA 95482  
 Agency Contact: RICK KENNEDY  
 Agency Telephone: 7074636280  
 Land Owner Name: Not reported  
 Land Owner Address: Not reported  
 Land Owner City,St,Zip: Not reported  
 Land Owner Contact: Not reported  
 Land Owner Phone: Not reported  
 Region: 1  
 Facility Type: Solid Waste Site-Class III - Landfills for non hazardous solid wastes.  
 Facility Description: Not reported  
 Facility Telephone: Not reported  
 SWAT Facility Name: Not reported  
 Primary SIC: 4953  
 Secondary SIC: Not reported  
 Comments: Not reported  
 Last Facility Editors: Not reported  
 Waste Discharge System: True  
 Solid Waste Assessment Test Program: True  
 Toxic Pits Cleanup Act Program: False  
 Resource Conservation Recovery Act: False  
 Department of Defence: False  
 Solid Waste Assessment Test Program: Not reported  
 Threat to Water Quality: Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UKIAH CITY SWDS (Continued)**

**S103341584**

water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.

Sub Chapter 15: True  
Regional Board Project Officer: MKN  
Number of WMUDS at Facility: 1  
Section Range: Not reported  
RCRA Facility: No  
Waste Discharge Requirements: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
Self-Monitoring Rept. Frequency: Quarterly Submittal  
Waste Discharge System ID: 1B75043OMEN  
Solid Waste Information ID: 23-AA-0019

**CA WDS:**

Facility ID: North Coastal 75043OMEN  
Facility Type: Solid Waste Site-Class III - Landfills for non hazardous solid wastes.  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: Not reported  
Subregion: 1  
Facility Telephone: Not reported  
Facility Contact: DIRECTOR OF PUBLIC WORKS  
Agency Name: UKIAH CITY OF  
Agency Address: 300 SEMINARY AVE  
Agency City,St,Zip: UKIAH 954825400  
Agency Contact: DIRECTOR OF PUBLIC WORKS  
Agency Telephone: Not reported  
Agency Type: City  
SIC Code: 4953  
SIC Code 2: Not reported  
Primary Waste: Solid Wastes  
Primary Waste Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).  
Secondary Waste: Not reported  
Secondary Waste Type: Not reported  
Design Flow: 0  
Baseline Flow: 0  
Reclamation: No reclamation requirements associated with this facility.  
POTW: The facility is not a POTW.  
Treat To Water: Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.  
Complexity: Category A - Any major NPDES facility, any non-NPDES facility (particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility (particularly those with toxicwastes) with numerous discharge points, leak detection systems or ground water monitoring wells.

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**Q72**  
**SW**  
**1/4-1/2**  
**0.354 mi.**  
**1871 ft.**

**RITE AID STORE #6033**  
**STATE STREET, SOUTH 680**  
**UKIAH, CA**

**HIST CORTESE**  
**LUST**  
**SLIC**

**S103285749**  
**N/A**

**Site 2 of 2 in cluster Q**

**Relative:**  
**Higher**

**CORTESE:**  
Region: CORTESE  
Facility County Code: 23  
Reg By: LTNKA  
Reg Id: 1TMC378

**Actual:**  
**623 ft.**

**LUST REG 1:**  
Region: 1  
Facility ID: 1TMC378  
Staff Initials: DLW

**SLIC:**  
Region: STATE  
**Facility Status: Open - Site Assessment**  
Status Date: 2005-05-10 00:00:00  
Global Id: T0604500310  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Lead Agency Case Number: Not reported  
Latitude: 39.143425  
Longitude: -123.2069611  
Case Type: Cleanup Program Site  
Case Worker: CSH  
Local Agency: MENDOCINO COUNTY  
RB Case Number: 1NMC378  
File Location: Regional Board  
Potential Media Affected: Aquifer used for drinking water supply, Soil  
Potential Contaminants of Concern: Benzene, Diesel, Toluene, Gasoline  
Site History: This site formerly contained a gas station and a petroleum fuel bulk plant. Petroleum products have impacted soil and groundwater at the site.

[Click here to access the California GeoTracker records for this facility:](#)

**S73**  
**SSW**  
**1/4-1/2**  
**0.355 mi.**  
**1876 ft.**

**EXXON, SOUTH STATE STREET**  
**STATE STREET, SOUTH 734**  
**UKIAH, CA**

**HIST CORTESE**  
**LUST**

**S102429583**  
**N/A**

**Site 1 of 2 in cluster S**

**Relative:**  
**Higher**

**CORTESE:**  
Region: CORTESE  
Facility County Code: 23  
Reg By: LTNKA  
Reg Id: 1TMC274

**Actual:**  
**618 ft.**

**LUST:**  
Region: STATE  
Global Id: T0604500234  
Latitude: 39.141041  
Longitude: -123.206538  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON, SOUTH STATE STREET (Continued)**

**S102429583**

Status Date: 1998-12-08 00:00:00  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Case Worker: ZZZ  
Local Agency: MENDOCINO COUNTY  
RB Case Number: 1TMC274  
LOC Case Number: Not reported  
File Location: Not reported  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

LUST REG 1:

Region: 1  
Facility ID: 1TMC274  
Staff Initials: Closed

**S74**  
**SSW**  
**1/4-1/2**  
**0.362 mi.**  
**1911 ft.**

**AMERICAN SAVINGS BANK**  
**700 STATE STREET, SOUTH**  
**UKIAH, CA 95482**

**Site 2 of 2 in cluster S**

**SLIC S105051231**  
**N/A**

**Relative:**  
**Higher**

SLIC:

Region: STATE  
**Facility Status: Open - Site Assessment**  
Status Date: 1996-03-18 00:00:00  
Global Id: T0604593339  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Lead Agency Case Number: Not reported  
Latitude: 39.143081133  
Longitude: -123.2063115  
Case Type: Cleanup Program Site  
Case Worker: CSH  
Local Agency: MENDOCINO COUNTY  
RB Case Number: 1NMC279  
File Location: Regional Board  
Potential Media Affected: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

SLIC:

Region: 1  
Facility ID: 1NMC279  
Staff Initials: CHS

MAP FINDINGS

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

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<b>75</b> <b>WSW</b> <b>1/4-1/2</b> <b>0.381 mi.</b> <b>2012 ft.</b>	<b>UKIAH, CITY OF /CIVIC CENTER</b> <b>SEMINARY AVENUE 300</b> <b>UKIAH, CA</b>	<b>LUST</b>	<b>1000593623</b> <b>N/A</b>
--	---	-------------	---------------------------------

<b>Relative:</b> <b>Higher</b>	<b>LUST REG 1:</b> Region: 1 Facility ID: 1TMC092 Staff Initials: Closed
<b>Actual:</b> <b>642 ft.</b>	

---

<b>76</b> <b>NNE</b> <b>1/4-1/2</b> <b>0.391 mi.</b> <b>2062 ft.</b>	<b>RCHDC CLARA AVENUE SITE</b> <b>578 CLARA AVENUE</b> <b>UKIAH, CA 95482</b>	<b>SLIC</b>	<b>S110505127</b> <b>N/A</b>
--	---	-------------	---------------------------------

<b>Relative:</b> <b>Lower</b>	<b>SLIC:</b> Region: STATE <b>Facility Status: Open - Assessment &amp; Interim Remedial Action</b> Status Date: 2010-08-24 00:00:00 Global Id: T10000002431 Lead Agency: NORTH COAST RWQCB (REGION 1) Lead Agency Case Number: Not reported Latitude: 39.1556981 Longitude: -123.1991186 Case Type: Cleanup Program Site Case Worker: JMG Local Agency: Not reported RB Case Number: 1NMC611 File Location: Regional Board Potential Media Affected: Not reported Potential Contaminants of Concern: Arsenic, Lead Site History: Not reported
<b>Actual:</b> <b>610 ft.</b>	

[Click here to access the California GeoTracker records for this facility:](#)

---

<b>T77</b> <b>ENE</b> <b>1/4-1/2</b> <b>0.414 mi.</b> <b>2185 ft.</b>	<b>TEXACO SERVICE STATION (FORMER)</b> <b>704 PERKINS STREET, EAST</b> <b>UKIAH, CA 95482</b>  <b>Site 1 of 3 in cluster T</b>	<b>LUST</b>	<b>S105051001</b> <b>N/A</b>
---	--	-------------	---------------------------------

<b>Relative:</b> <b>Lower</b>	<b>LUST:</b> Region: STATE Global Id: T0604500348 Latitude: 39.151859392 Longitude: -123.19523285 Case Type: LUST Cleanup Site Status: Open - Site Assessment Status Date: 2003-05-28 00:00:00 Lead Agency: NORTH COAST RWQCB (REGION 1) Case Worker: BAR Local Agency: MENDOCINO COUNTY RB Case Number: 1TMC425 LOC Case Number: Not reported File Location: Regional Board Potential Media Affect: Aquifer used for drinking water supply
<b>Actual:</b> <b>603 ft.</b>	

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**TEXACO SERVICE STATION (FORMER) (Continued)**

**S105051001**

Potential Contaminants of Concern: Not reported  
 Site History: On March 25, 1999 five underground storage tanks (UST) were excavated and removed from the property. Three of the USTs contained gasoline, one contained diesel and one contained waste oil. Soil and groundwater samples indicated that a release of petroleum hydrocarbons had occurred. Visual free phase product was observed floating on water in the excavation pit. Visibly contaminated soil was left under the service bay and under the pump island in order to avoid damaging the service station building. Pitwater samples indicated the presence of gasoline at 12,000 ppb, benzene at 120 ppb, toluene at 1,200 ppb, ethylbenzene at 160 ppb, total xylenes at 1,200 ppb, MTBE at 10,000 ppb, TAME at 320 ppb, TBA at 1,500 ppb, Oil & Grease at 145 ppb, and Methyl Isobutyl Ketone at 380 ppb. The investigation and remediation is on-going.

[Click here to access the California GeoTracker records for this facility:](#)

<b>T78</b>	<b>TEXACO (FORMER) SERVICE S</b>	<b>HIST CORTESE</b>	<b>S104025276</b>
<b>ENE</b>	<b>704 PERKINS</b>		<b>N/A</b>
<b>1/4-1/2</b>	<b>UKIAH, CA 95482</b>		
<b>0.414 mi.</b>			
<b>2185 ft.</b>	<b>Site 2 of 3 in cluster T</b>		
<b>Relative:</b>	<b>CORTESE:</b>		
<b>Lower</b>	Region: CORTESE		
	Facility County Code: 23		
<b>Actual:</b>	Reg By: LTNKA		
<b>603 ft.</b>	Reg Id: 1TMC425		

<b>T79</b>	<b>TEXACO (FORMER) SERVICE STATION</b>	<b>LUST</b>	<b>S104285283</b>
<b>ENE</b>	<b>PERKINS STREET EAST 704</b>		<b>N/A</b>
<b>1/4-1/2</b>	<b>UKIAH, CA</b>		
<b>0.414 mi.</b>			
<b>2185 ft.</b>	<b>Site 3 of 3 in cluster T</b>		
<b>Relative:</b>	<b>LUST REG 1:</b>		
<b>Lower</b>	Region: 1		
	Facility ID: 1TMC425		
<b>Actual:</b>	Staff Initials: DLW		
<b>603 ft.</b>			

<b>80</b>	<b>EDDY, RUSTY</b>	<b>HIST CORTESE</b>	<b>S101298794</b>
<b>WSW</b>	<b>JONES STREET 508</b>	<b>LUST</b>	<b>N/A</b>
<b>1/4-1/2</b>	<b>UKIAH, CA</b>		
<b>0.416 mi.</b>			
<b>2196 ft.</b>			
<b>Relative:</b>	<b>CORTESE:</b>		
<b>Higher</b>	Region: CORTESE		
	Facility County Code: 23		
<b>Actual:</b>	Reg By: LTNKA		
<b>643 ft.</b>	Reg Id: 1TMC160		
	<b>LUST:</b>		
	Region: STATE		

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EDDY, RUSTY (Continued)**

**S101298794**

Global Id: T0604500139  
Latitude: 39.144915  
Longitude: -123.214237  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 1995-05-31 00:00:00  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Case Worker: ZZZ  
Local Agency: MENDOCINO COUNTY  
RB Case Number: 1TMC160  
LOC Case Number: Not reported  
File Location: Not reported  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Diesel  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

LUST REG 1:  
Region: 1  
Facility ID: 1TMC160  
Staff Initials: Closed

81  
SSW  
1/4-1/2  
0.432 mi.  
2279 ft.

**TEXACO, FLOYD'S  
STATE STREET, SOUTH 777  
UKIAH, CA**

**HIST CORTESE S101298825  
LUST N/A**

**Relative:  
Higher**

CORTESE:  
Region: CORTESE  
Facility County Code: 23  
Reg By: LTNKA  
Reg Id: 1TMC083

**Actual:  
619 ft.**

LUST:  
Region: STATE  
Global Id: T0604500073  
Latitude: 39.139765  
Longitude: -123.20567  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 1997-09-03 00:00:00  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Case Worker: ZZZ  
Local Agency: MENDOCINO COUNTY  
RB Case Number: 1TMC083  
LOC Case Number: Not reported  
File Location: Not reported  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

LUST REG 1:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO, FLOYD'S (Continued)**

**S101298825**

Region: 1  
Facility ID: 1TMC083  
Staff Initials: Closed

**82**  
**South**  
**1/2-1**  
**0.581 mi.**  
**3066 ft.**

**UPS**  
**259 CHERRY ST**  
**UKIAH, CA 95482**

**HIST CORTESE**  
**Notify 65**  
**HAZNET**

**S100178908**  
**N/A**

**Relative:**  
**Lower**

**CORTESE:**  
Region: CORTESE  
Facility County Code: 43  
Reg By: LTNKA  
Reg Id: 43-2186

**Actual:**  
**609 ft.**

Notify 65:  
Date Reported: Not reported  
Staff Initials: Not reported  
Board File Number: Not reported  
Facility Type: Not reported  
Discharge Date: Not reported  
Incident Description: 94596

**HAZNET:**  
Gepaid: CAD982502494  
Contact: UPS  
Telephone: 0000000000  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 259 CHERRY ST  
Mailing City,St,Zip: UKIAH, CA 954820000  
Gen County: Mendocino  
TSD EPA ID: CAD980887418  
TSD County: 1  
Waste Category: Aqueous solution with less than 10% total organic residues  
Disposal Method: Transfer Station  
Tons: .2085  
Facility County: Mendocino

Gepaid: CAD982502494  
Contact: UPS  
Telephone: 0000000000  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 259 CHERRY ST  
Mailing City,St,Zip: UKIAH, CA 954820000  
Gen County: Mendocino  
TSD EPA ID: CAT000613943  
TSD County: Sonoma  
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)  
Disposal Method: Transfer Station  
Tons: .2416  
Facility County: Mendocino

Gepaid: CAD982502494  
Contact: UPS

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**UPS (Continued)**

**S100178908**

Telephone: 0000000000  
 Facility Addr2: Not reported  
 Mailing Name: Not reported  
 Mailing Address: 259 CHERRY ST  
 Mailing City,St,Zip: UKIAH, CA 954820000  
 Gen County: Mendocino  
 TSD EPA ID: CAD028409019  
 TSD County: Los Angeles  
 Waste Category: Other inorganic solid waste  
 Disposal Method: Transfer Station  
 Tons: .0750  
 Facility County: Mendocino

Gepaid: CAD982502494  
 Contact: UPS  
 Telephone: 0000000000  
 Facility Addr2: Not reported  
 Mailing Name: Not reported  
 Mailing Address: 259 CHERRY ST  
 Mailing City,St,Zip: UKIAH, CA 954820000  
 Gen County: Mendocino  
 TSD EPA ID: CAT000613943  
 TSD County: Sonoma  
 Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)  
 Disposal Method: Transfer Station  
 Tons: .2874  
 Facility County: Mendocino

Gepaid: CAD982502494  
 Contact: UPS  
 Telephone: 0000000000  
 Facility Addr2: Not reported  
 Mailing Name: Not reported  
 Mailing Address: 259 CHERRY ST  
 Mailing City,St,Zip: UKIAH, CA 954820000  
 Gen County: Mendocino  
 TSD EPA ID: CAD000088252  
 TSD County: Los Angeles  
 Waste Category: Unspecified solvent mixture Waste  
 Disposal Method: Transfer Station  
 Tons: .0500  
 Facility County: Mendocino

[Click this hyperlink](#) while viewing on your computer to access  
 11 additional CA\_HAZNET: record(s) in the EDR Site Report.

**83**  
**South**  
**1/2-1**  
**0.694 mi.**  
**3665 ft.**

**O'HAIR & REDWOOD OIL-CHEVRON**  
**S STATE / OBSERVATORY**  
**UKIAH, CA 95482**

**ENVIROSTOR S101481190**  
**N/A**

**Relative:**  
**Higher**

ENVIROSTOR:  
 Site Type: Historical  
 Site Type Detailed: \* Historical  
 Acres: Not reported  
 NPL: NO  
 Regulatory Agencies: NONE SPECIFIED

**Actual:**  
**619 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**O'HAIR & REDWOOD OIL-CHEVRON (Continued)**

**S101481190**

Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Referred - Not Assigned  
Division Branch: Berkeley  
Facility ID: 23510010  
Site Code: Not reported  
Assembly: 1  
Senate: 2  
Special Program: \* Rural County Survey Program  
Status: Refer: RWQCB  
Status Date: 7/27/1988  
Restricted Use: NO  
Site Mgmt. Req.: NONE SPECIFIED  
Funding: Not reported  
Latitude: 39.13777777777799  
Longitude: -123.205  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: O'HAIR-AYERS INC  
Alias Type: Alternate Name  
Alias Name: 110008289413  
Alias Type: EPA (FRS #)  
Alias Name: CAT000615062  
Alias Type: HWIS Identification Code  
Alias Name: 23510010  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 1988-07-26 00:00:00  
Comments: SITE SCREENING DONE RWQCB LEAD - GW PROBLEMS

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 1988-06-05 00:00:00  
Comments: FACILITY IDENTIFIED 1957 PHONE DIRECTORY

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
UKIAH	1000589897	UKIAH SEWAGE TREATMENT PLANT	PLANT RD	95482	FID,HIST UST
UKIAH	1006835712	UKIAH CITY DUMP @ LOW GAP	S6, T15N, R9E,MBDM. 2MI FROM O	95482	FINDS
UKIAH	1007057773	UKIAH, CITY OF	PERKINS STREET	95482	FINDS
UKIAH	1007999925	MONITORING STATION	COURTHOUSE SQ, STATES & PERKIN	95482	FINDS
UKIAH	1007999926	MONITORING STATION	FIREHOUSE, 369 S. SCHOOL ST	95482	FINDS
UKIAH	1007999931	MONITORING STATION	CITY HALL, SCHOOL & STEPHENSON	95482	FINDS
UKIAH	1008019196	UKIAH, CITY OF	CITY OF UKIAH	95482	FINDS
UKIAH	1008205593	MONITORING STATION	HIGHWAY 101 (NORTH)	95482	FINDS
UKIAH	1010561887	TESORO WEST COAST CO LLC NO 68229	585 PERKINS ST	95482	RCRA-SQG
UKIAH	1011984417	UKIAH MUNI	UNKNOWN		FINDS
UKIAH	1012067646	CITY OF UKIAH WATER TREATMENT PLAN	935 CITY WELL RD. (PHYSICAL)	95482	FINDS
UKIAH	92267261	HWY 101 AT 1 ST RT 252 SOUTH OF UK	HWY 101 AT 1 ST RT 252 SOUTH O		ERNS
UKIAH	S100181638	ERICKSON BROS AUTO WRECKERS	REDWOOD HWY NORTH	95482	ENVIROSTOR
UKIAH	S103341560	LP YORK RANCH WWDS #3	POMO LANE 2 MI W. OF HWY 101	95482	WMUDS/SWAT,WDS,LDS
UKIAH	S103440937	LP YORK RANCH WWDS #4	POMO LANE 2 MI W. OF HWY 101	95482	WMUDS/SWAT
UKIAH	S103954285	CALIFORNIA HIGHWAY PATROL/UKIAH AR	540 ORCHARD AVE	95482	HAZNET
UKIAH	S105960433	COAST WOOD PRESERVING, INC.	HIGHWAY 101 AND PLANT ROAD, AB	95482	BEP
UKIAH	S106928121	KEN FOWLER MOTORS, INC.	KEN FOWLER, 2150 N STATE ST	95482	SWEEPS UST
UKIAH	S106933364	UKIAH FSS	1403 S STATE ST AIRPORT G	95482	SWEEPS UST
UKIAH	S110371709	CITY OF UKIAH	309 E PERKINS ST	95482	HAZNET



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

#### **NPL: National Priority List**

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

Date of Government Version: 07/02/2010	Source: EPA
Date Data Arrived at EDR: 07/14/2010	Telephone: N/A
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 10/13/2010
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/24/2011
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

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

Date of Government Version: 07/02/2010	Source: EPA
Date Data Arrived at EDR: 07/14/2010	Telephone: N/A
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 10/13/2010
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/24/2011
	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	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 11/22/2010
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/28/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal Delisted NPL site list***

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 07/02/2010	Source: EPA
Date Data Arrived at EDR: 07/14/2010	Telephone: N/A
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 10/13/2010
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/24/2011
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/29/2010	Source: EPA
Date Data Arrived at EDR: 02/09/2010	Telephone: 703-412-9810
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 10/01/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/10/2011
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 06/23/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: 703-603-8704
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 10/13/2010
Number of Days to Update: 26	Next Scheduled EDR Contact: 01/24/2011
	Data Release Frequency: Varies

## ***Federal CERCLIS NFRAP site List***

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 06/23/2009	Source: EPA
Date Data Arrived at EDR: 09/02/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 10/01/2010
Number of Days to Update: 19	Next Scheduled EDR Contact: 12/13/2010
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/25/2010  
Date Data Arrived at EDR: 06/02/2010  
Date Made Active in Reports: 10/04/2010  
Number of Days to Update: 124

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 11/22/2010  
Next Scheduled EDR Contact: 02/28/2011  
Data Release Frequency: Quarterly

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

### **RCRA-TSDF: RCRA - Treatment, Storage and Disposal**

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

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

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 10/07/2010  
Next Scheduled EDR Contact: 01/17/2011  
Data Release Frequency: Quarterly

## ***Federal RCRA generators list***

### **RCRA-LQG: RCRA - Large Quantity Generators**

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

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

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 10/07/2010  
Next Scheduled EDR Contact: 01/17/2011  
Data Release Frequency: Quarterly

### **RCRA-SQG: RCRA - Small Quantity Generators**

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

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

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 10/07/2010  
Next Scheduled EDR Contact: 01/17/2011  
Data Release Frequency: Quarterly

### **RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators**

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

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

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 10/07/2010  
Next Scheduled EDR Contact: 01/17/2011  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal institutional controls / engineering controls registries***

### US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 12/20/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/20/2010	Telephone: 703-603-0695
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 09/13/2010
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/27/2010
	Data Release Frequency: Varies

### US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 12/20/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/20/2010	Telephone: 703-603-0695
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 09/13/2010
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/27/2010
	Data Release Frequency: Varies

## ***Federal ERNS list***

### ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 07/09/2010	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 07/09/2010	Telephone: 202-267-2180
Date Made Active in Reports: 08/17/2010	Last EDR Contact: 10/06/2010
Number of Days to Update: 39	Next Scheduled EDR Contact: 01/17/2011
	Data Release Frequency: Annually

## ***State- and tribal - equivalent NPL***

### RESPONSE: State Response Sites

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

Date of Government Version: 08/18/2010	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 09/16/2010	Telephone: 916-323-3400
Date Made Active in Reports: 09/29/2010	Last EDR Contact: 11/09/2010
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/21/2011
	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 identifies 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/18/2010  
Date Data Arrived at EDR: 09/16/2010  
Date Made Active in Reports: 09/29/2010  
Number of Days to Update: 13

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 11/09/2010  
Next Scheduled EDR Contact: 02/21/2011  
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: 08/23/2010  
Date Data Arrived at EDR: 08/24/2010  
Date Made Active in Reports: 09/29/2010  
Number of Days to Update: 36

Source: Department of Resources Recycling and Recovery  
Telephone: 916-341-6320  
Last EDR Contact: 08/24/2010  
Next Scheduled EDR Contact: 12/06/2010  
Data Release Frequency: Quarterly

## **State and tribal leaking storage tank lists**

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

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

Date of Government Version: 03/01/2001  
Date Data Arrived at EDR: 04/23/2001  
Date Made Active in Reports: 05/21/2001  
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-637-5595  
Last EDR Contact: 09/27/2010  
Next Scheduled EDR Contact: 01/10/2011  
Data Release Frequency: No Update Planned

### LUST REG 7: Leaking Underground Storage Tank Case Listing

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

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

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)  
Telephone: 760-776-8943  
Last EDR Contact: 11/01/2011  
Next Scheduled EDR Contact: 02/14/2011  
Data Release Frequency: No Update Planned

### LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

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

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

### LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

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

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

### LUST REG 5: Leaking Underground Storage Tank Database

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/04/2010  
Next Scheduled EDR Contact: 01/17/2011  
Data Release Frequency: Quarterly

## LUST REG 4: Underground Storage Tank Leak List

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

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

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

## LUST REG 3: Leaking Underground Storage Tank Database

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

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

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-542-4786  
Last EDR Contact: 10/18/2010  
Next Scheduled EDR Contact: 01/31/2011  
Data Release Frequency: No Update Planned

## LUST REG 2: Fuel Leak List

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

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

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

## LUST REG 1: Active Toxic Site Investigation

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

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

Source: California Regional Water Quality Control Board North Coast (1)  
Telephone: 707-570-3769  
Last EDR Contact: 11/01/2010  
Next Scheduled EDR Contact: 02/14/2011  
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/28/2010  
Date Data Arrived at EDR: 10/28/2010  
Date Made Active in Reports: 11/17/2010  
Number of Days to Update: 20

Source: State Water Resources Control Board  
Telephone: see region list  
Last EDR Contact: 10/28/2010  
Next Scheduled EDR Contact: 01/03/2011  
Data Release Frequency: Quarterly

## LUST REG 8: Leaking Underground Storage Tanks

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/18/2010  
Next Scheduled EDR Contact: 01/31/2011  
Data Release Frequency: Varies

## SLIC: Statewide SLIC Cases

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

Date of Government Version: 10/28/2010  
Date Data Arrived at EDR: 10/28/2010  
Date Made Active in Reports: 11/17/2010  
Number of Days to Update: 20

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 10/28/2010  
Next Scheduled EDR Contact: 01/03/2011  
Data Release Frequency: Varies

## SLIC REG 1: Active Toxic Site Investigations

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

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

Source: California Regional Water Quality Control Board, North Coast Region (1)  
Telephone: 707-576-2220  
Last EDR Contact: 11/01/2010  
Next Scheduled EDR Contact: 02/14/2011  
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: 09/20/2010  
Next Scheduled EDR Contact: 01/03/2011  
Data Release Frequency: Quarterly

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

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

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

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-549-3147  
Last EDR Contact: 10/18/2010  
Next Scheduled EDR Contact: 01/31/2011  
Data Release Frequency: Semi-Annually

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

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

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

Source: Region Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6600  
Last EDR Contact: 10/04/2010  
Next Scheduled EDR Contact: 01/17/2011  
Data Release Frequency: Varies

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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

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

Source: Regional Water Quality Control Board, Victorville Branch  
Telephone: 619-241-6583  
Last EDR Contact: 11/22/2010  
Next Scheduled EDR Contact: 02/28/2011  
Data Release Frequency: Semi-Annually

## SLIC REG 6L: SLIC Sites

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

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

Source: California Regional Water Quality Control Board, Lahontan Region  
Telephone: 530-542-5574  
Last EDR Contact: 11/22/2010  
Next Scheduled EDR Contact: 02/28/2011  
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: 11/01/2010  
Next Scheduled EDR Contact: 02/14/2011  
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: 09/13/2010  
Next Scheduled EDR Contact: 12/27/2010  
Data Release Frequency: Semi-Annually

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

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

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

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980  
Last EDR Contact: 11/08/2010  
Next Scheduled EDR Contact: 02/21/2011  
Data Release Frequency: Annually

## INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/05/2010	Source: EPA Region 10
Date Data Arrived at EDR: 08/06/2010	Telephone: 206-553-2857
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 11/01/2010
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Quarterly

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

Date of Government Version: 02/19/2009	Source: EPA Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 11/02/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/24/2010	Source: EPA Region 8
Date Data Arrived at EDR: 05/27/2010	Telephone: 303-312-6271
Date Made Active in Reports: 08/09/2010	Last EDR Contact: 11/01/2010
Number of Days to Update: 74	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Quarterly

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

Date of Government Version: 08/05/2010	Source: EPA Region 6
Date Data Arrived at EDR: 08/06/2010	Telephone: 214-665-6597
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 11/01/2010
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/14/2011
	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: 08/27/2010	Source: EPA Region 4
Date Data Arrived at EDR: 08/30/2010	Telephone: 404-562-8677
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 11/01/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Semi-Annually

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

Date of Government Version: 08/30/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/30/2010	Telephone: 415-972-3372
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 11/01/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Quarterly

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

Date of Government Version: 11/04/2009	Source: EPA Region 7
Date Data Arrived at EDR: 05/04/2010	Telephone: 913-551-7003
Date Made Active in Reports: 07/07/2010	Last EDR Contact: 11/09/2010
Number of Days to Update: 64	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Varies

***State and tribal registered storage tank lists***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 10/28/2010	Source: SWRCB
Date Data Arrived at EDR: 10/28/2010	Telephone: 916-480-1028
Date Made Active in Reports: 11/18/2010	Last EDR Contact: 10/28/2010
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/03/2011
	Data Release Frequency: Semi-Annually

## AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/10/2009	Telephone: 916-341-5712
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 10/12/2010
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/24/2011
	Data Release Frequency: Quarterly

## INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/05/2010	Source: EPA Region 10
Date Data Arrived at EDR: 08/06/2010	Telephone: 206-553-2857
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 11/01/2010
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Quarterly

## INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/30/2010	Source: EPA Region 9
Date Data Arrived at EDR: 08/30/2010	Telephone: 415-972-3368
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 11/01/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Quarterly

## INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/24/2010	Source: EPA Region 8
Date Data Arrived at EDR: 05/27/2010	Telephone: 303-312-6137
Date Made Active in Reports: 08/09/2010	Last EDR Contact: 11/01/2010
Number of Days to Update: 74	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Quarterly

## INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/01/2008	Source: EPA Region 7
Date Data Arrived at EDR: 12/30/2008	Telephone: 913-551-7003
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 11/09/2010
Number of Days to Update: 76	Next Scheduled EDR Contact: 02/14/2011
	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).

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/03/2010  
Date Data Arrived at EDR: 08/04/2010  
Date Made Active in Reports: 10/04/2010  
Number of Days to Update: 61

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 11/01/2010  
Next Scheduled EDR Contact: 02/14/2011  
Data Release Frequency: Semi-Annually

## INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/11/2010  
Date Data Arrived at EDR: 02/11/2010  
Date Made Active in Reports: 04/12/2010  
Number of Days to Update: 60

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 11/01/2010  
Next Scheduled EDR Contact: 02/14/2011  
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: 08/27/2010  
Date Data Arrived at EDR: 08/30/2010  
Date Made Active in Reports: 10/04/2010  
Number of Days to Update: 35

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 11/01/2010  
Next Scheduled EDR Contact: 02/14/2011  
Data Release Frequency: Semi-Annually

## INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/19/2009  
Date Data Arrived at EDR: 02/19/2009  
Date Made Active in Reports: 03/16/2009  
Number of Days to Update: 25

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 11/02/2010  
Next Scheduled EDR Contact: 02/14/2011  
Data Release Frequency: Varies

## FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

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

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 10/29/2010  
Next Scheduled EDR Contact: 01/31/2011  
Data Release Frequency: Varies

## **State and tribal voluntary cleanup sites**

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 7  
Telephone: 913-551-7365  
Last EDR Contact: 04/20/2009  
Next Scheduled EDR Contact: 07/20/2009  
Data Release Frequency: Varies

### VCP: Voluntary Cleanup Program Properties

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/18/2010  
Date Data Arrived at EDR: 09/16/2010  
Date Made Active in Reports: 09/29/2010  
Number of Days to Update: 13

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 11/09/2010  
Next Scheduled EDR Contact: 02/21/2011  
Data Release Frequency: Quarterly

## INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 04/02/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 10/04/2010  
Next Scheduled EDR Contact: 01/17/2011  
Data Release Frequency: Varies

## ADDITIONAL ENVIRONMENTAL RECORDS

### **Local Brownfield lists**

#### US BROWNFIELDS: A Listing of Brownfields Sites

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

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

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 09/29/2010  
Next Scheduled EDR Contact: 01/10/2011  
Data Release Frequency: Semi-Annually

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

#### ODI: Open Dump Inventory

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

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

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

#### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 11/09/2010  
Next Scheduled EDR Contact: 01/10/2011  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 11/22/2010
Number of Days to Update: 30	Next Scheduled EDR Contact: 02/28/2011
	Data Release Frequency: Quarterly

## SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 07/23/2010	Source: Department of Conservation
Date Data Arrived at EDR: 09/21/2010	Telephone: 916-323-3836
Date Made Active in Reports: 09/29/2010	Last EDR Contact: 09/21/2010
Number of Days to Update: 8	Next Scheduled EDR Contact: 01/03/2011
	Data Release Frequency: Quarterly

## HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 09/27/2010	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 09/28/2010	Telephone: 916-341-6422
Date Made Active in Reports: 10/18/2010	Last EDR Contact: 09/20/2010
Number of Days to Update: 20	Next Scheduled EDR Contact: 12/06/2010
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 11/09/2010
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/21/2011
	Data Release Frequency: Varies

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

### US CDL: Clandestine Drug Labs

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

Date of Government Version: 05/07/2010	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/18/2010	Telephone: 202-307-1000
Date Made Active in Reports: 08/17/2010	Last EDR Contact: 10/29/2010
Number of Days to Update: 60	Next Scheduled EDR Contact: 12/20/2010
	Data Release Frequency: Quarterly

### HIST CAL-SITES: Calsites Database

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/08/2005  
Date Data Arrived at EDR: 08/03/2006  
Date Made Active in Reports: 08/24/2006  
Number of Days to Update: 21

Source: Department of Toxic Substance Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/23/2009  
Next Scheduled EDR Contact: 05/25/2009  
Data Release Frequency: No Update Planned

## SCH: School Property Evaluation Program

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

Date of Government Version: 08/18/2010  
Date Data Arrived at EDR: 09/16/2010  
Date Made Active in Reports: 09/29/2010  
Number of Days to Update: 13

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 11/09/2010  
Next Scheduled EDR Contact: 02/21/2011  
Data Release Frequency: Quarterly

## TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

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

## CDL: Clandestine Drug Labs

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

Date of Government Version: 08/19/2010  
Date Data Arrived at EDR: 08/23/2010  
Date Made Active in Reports: 09/29/2010  
Number of Days to Update: 37

Source: Department of Toxic Substances Control  
Telephone: 916-255-6504  
Last EDR Contact: 10/04/2010  
Next Scheduled EDR Contact: 01/17/2011  
Data Release Frequency: Varies

## US HIST CDL: National Clandestine Laboratory Register

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

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

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

## **Local Lists of Registered Storage Tanks**

### CA FID UST: Facility Inventory Database

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

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009	Source: Department of Public Health
Date Data Arrived at EDR: 09/23/2009	Telephone: 707-463-4466
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 09/07/2010
Number of Days to Update: 8	Next Scheduled EDR Contact: 12/20/2010
	Data Release Frequency: Annually

## HIST UST: Hazardous Substance Storage Container Database

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

Date of Government Version: 10/15/1990	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## Local Land Records

### LIENS 2: CERCLA Lien Information

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

Date of Government Version: 05/06/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/11/2010	Telephone: 202-564-6023
Date Made Active in Reports: 08/09/2010	Last EDR Contact: 11/01/2010
Number of Days to Update: 90	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Varies

### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/22/2010
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/07/2011
	Data Release Frequency: Varies

### LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 10/26/2010	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/27/2010	Telephone: 916-323-3400
Date Made Active in Reports: 11/17/2010	Last EDR Contact: 10/18/2010
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/31/2011
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 09/14/2010  
Date Data Arrived at EDR: 09/15/2010  
Date Made Active in Reports: 09/29/2010  
Number of Days to Update: 14

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 09/15/2010  
Next Scheduled EDR Contact: 12/27/2010  
Data Release Frequency: Semi-Annually

## **Records of Emergency Release Reports**

### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/06/2010  
Date Data Arrived at EDR: 04/07/2010  
Date Made Active in Reports: 05/27/2010  
Number of Days to Update: 50

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 10/07/2010  
Next Scheduled EDR Contact: 01/17/2011  
Data Release Frequency: Annually

### CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 07/21/2010  
Date Made Active in Reports: 08/20/2010  
Number of Days to Update: 30

Source: Office of Emergency Services  
Telephone: 916-845-8400  
Last EDR Contact: 11/01/2010  
Next Scheduled EDR Contact: 02/14/2011  
Data Release Frequency: Varies

### LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 10/28/2010  
Date Data Arrived at EDR: 10/28/2010  
Date Made Active in Reports: 11/17/2010  
Number of Days to Update: 20

Source: State Water Quality Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 10/28/2010  
Next Scheduled EDR Contact: 01/03/2011  
Data Release Frequency: Quarterly

### MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 10/28/2010  
Date Data Arrived at EDR: 10/28/2010  
Date Made Active in Reports: 11/17/2010  
Number of Days to Update: 20

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 10/28/2010  
Next Scheduled EDR Contact: 01/03/2011  
Data Release Frequency: Quarterly

## **Other Ascertainable Records**



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/17/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/19/2010	Telephone: (415) 495-8895
Date Made Active in Reports: 05/17/2010	Last EDR Contact: 10/07/2010
Number of Days to Update: 87	Next Scheduled EDR Contact: 01/17/2011
	Data Release Frequency: Varies

## DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/12/2010	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 02/09/2010	Telephone: 202-366-4595
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 11/09/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 02/21/2011
	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	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/28/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/31/2011
	Data Release Frequency: Semi-Annually

## FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2008	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/30/2009	Telephone: 202-528-4285
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 09/14/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/27/2010
	Data Release Frequency: Varies

## CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 04/11/2010	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 04/19/2010	Telephone: Varies
Date Made Active in Reports: 05/17/2010	Last EDR Contact: 10/04/2010
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/17/2011
	Data Release Frequency: Varies

## ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/01/2010	Source: EPA
Date Data Arrived at EDR: 06/16/2010	Telephone: 703-416-0223
Date Made Active in Reports: 08/17/2010	Last EDR Contact: 09/15/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/27/2010
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 12/14/2009	Source: Department of Energy
Date Data Arrived at EDR: 09/29/2010	Telephone: 505-845-0011
Date Made Active in Reports: 10/04/2010	Last EDR Contact: 09/01/2010
Number of Days to Update: 5	Next Scheduled EDR Contact: 12/13/2010
	Data Release Frequency: Varies

## MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/07/2010	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 06/09/2010	Telephone: 303-231-5959
Date Made Active in Reports: 08/30/2010	Last EDR Contact: 09/09/2010
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/20/2010
	Data Release Frequency: Semi-Annually

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2008	Source: EPA
Date Data Arrived at EDR: 01/13/2010	Telephone: 202-566-0250
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 09/01/2010
Number of Days to Update: 36	Next Scheduled EDR Contact: 12/13/2010
	Data Release Frequency: Annually

## TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 10/01/2010
Number of Days to Update: 46	Next Scheduled EDR Contact: 01/10/2011
	Data Release Frequency: Every 4 Years

## FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/30/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/13/2010
	Data Release Frequency: Quarterly

## FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/30/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/13/2010
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2008	Source: EPA
Date Data Arrived at EDR: 01/06/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 11/01/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/14/2011
	Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 04/24/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/29/2010	Telephone: 202-564-5088
Date Made Active in Reports: 05/17/2010	Last EDR Contact: 09/27/2010
Number of Days to Update: 18	Next Scheduled EDR Contact: 01/10/2011
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 02/01/2010	Source: EPA
Date Data Arrived at EDR: 04/22/2010	Telephone: 202-566-0500
Date Made Active in Reports: 08/09/2010	Last EDR Contact: 11/10/2010
Number of Days to Update: 109	Next Scheduled EDR Contact: 01/31/2011
	Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### MLTS: Material Licensing Tracking System

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

Date of Government Version: 03/18/2010	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/06/2010	Telephone: 301-415-7169
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 09/13/2010
Number of Days to Update: 51	Next Scheduled EDR Contact: 12/27/2010
	Data Release Frequency: Quarterly

### RADINFO: Radiation Information Database

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

Date of Government Version: 07/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/14/2010	Telephone: 202-343-9775
Date Made Active in Reports: 08/09/2010	Last EDR Contact: 10/14/2010
Number of Days to Update: 26	Next Scheduled EDR Contact: 01/24/2011
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/14/2010	Source: EPA
Date Data Arrived at EDR: 04/16/2010	Telephone: (415) 947-8000
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 09/15/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 12/27/2010
	Data Release Frequency: Quarterly

### RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

### BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2007	Source: EPA/NTIS
Date Data Arrived at EDR: 02/25/2010	Telephone: 800-424-9346
Date Made Active in Reports: 05/12/2010	Last EDR Contact: 08/24/2010
Number of Days to Update: 76	Next Scheduled EDR Contact: 12/06/2010
	Data Release Frequency: Biennially

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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

## WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007  
Date Data Arrived at EDR: 06/20/2007  
Date Made Active in Reports: 06/29/2007  
Number of Days to Update: 9

Source: State Water Resources Control Board  
Telephone: 916-341-5227  
Last EDR Contact: 08/30/2010  
Next Scheduled EDR Contact: 12/13/2010  
Data Release Frequency: Quarterly

## NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/24/2010  
Date Data Arrived at EDR: 08/24/2010  
Date Made Active in Reports: 09/29/2010  
Number of Days to Update: 36

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 08/24/2010  
Next Scheduled EDR Contact: 12/06/2010  
Data Release Frequency: Quarterly

## CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 10/05/2010  
Date Data Arrived at EDR: 10/06/2010  
Date Made Active in Reports: 11/17/2010  
Number of Days to Update: 42

Source: CAL EPA/Office of Emergency Information  
Telephone: 916-323-3400  
Last EDR Contact: 10/06/2010  
Next Scheduled EDR Contact: 01/17/2011  
Data Release Frequency: Quarterly

## HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES].

Date of Government Version: 04/01/2001  
Date Data Arrived at EDR: 01/22/2009  
Date Made Active in Reports: 04/08/2009  
Number of Days to Update: 76

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 01/22/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 10/21/1993  
Date Data Arrived at EDR: 11/01/1993  
Date Made Active in Reports: 11/19/1993  
Number of Days to Update: 18

Source: State Water Resources Control Board  
Telephone: 916-445-3846  
Last EDR Contact: 09/27/2010  
Next Scheduled EDR Contact: 01/10/2011  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 09/15/2010	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 09/16/2010	Telephone: 916-327-4498
Date Made Active in Reports: 09/29/2010	Last EDR Contact: 09/13/2010
Number of Days to Update: 13	Next Scheduled EDR Contact: 12/27/2010
	Data Release Frequency: Annually

## WIP: Well Investigation Program Case List

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

Date of Government Version: 07/03/2009	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 10/05/2010
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/17/2011
	Data Release Frequency: Varies

## HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2009	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/07/2010	Telephone: 916-255-1136
Date Made Active in Reports: 08/12/2010	Last EDR Contact: 10/19/2010
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/31/2011
	Data Release Frequency: Annually

## EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2008	Source: California Air Resources Board
Date Data Arrived at EDR: 09/29/2010	Telephone: 916-322-2990
Date Made Active in Reports: 10/18/2010	Last EDR Contact: 09/29/2010
Number of Days to Update: 19	Next Scheduled EDR Contact: 01/10/2011
	Data Release Frequency: Varies

## INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/28/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/31/2011
	Data Release Frequency: Semi-Annually

## SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 05/12/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/13/2010	Telephone: 615-532-8599
Date Made Active in Reports: 08/17/2010	Last EDR Contact: 11/15/2010
Number of Days to Update: 96	Next Scheduled EDR Contact: 02/07/2011
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 07/23/2010  
Date Data Arrived at EDR: 09/21/2010  
Date Made Active in Reports: 09/29/2010  
Number of Days to Update: 8

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

## MWMP: Medical Waste Management Program Listing

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

Date of Government Version: 09/03/2010  
Date Data Arrived at EDR: 09/16/2010  
Date Made Active in Reports: 09/29/2010  
Number of Days to Update: 13

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

## COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

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

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 10/28/2010  
Next Scheduled EDR Contact: 01/31/2011  
Data Release Frequency: Varies

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

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

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

## HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 10/19/2010  
Date Data Arrived at EDR: 10/20/2010  
Date Made Active in Reports: 11/17/2010  
Number of Days to Update: 28

Source: Department of Toxic Substances Control  
Telephone: 916-440-7145  
Last EDR Contact: 10/20/2010  
Next Scheduled EDR Contact: 01/31/2011  
Data Release Frequency: Quarterly

## HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

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

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 11/19/2010  
Next Scheduled EDR Contact: 02/21/2011  
Data Release Frequency: Quarterly

## FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/27/2010  
Date Data Arrived at EDR: 09/28/2010  
Date Made Active in Reports: 10/18/2010  
Number of Days to Update: 20

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 11/22/2010  
Next Scheduled EDR Contact: 03/07/2011  
Data Release Frequency: Varies

## FINANCIAL ASSURANCE: Financial Assurance Information Listing

Financial Assurance information

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

Source: Department of Toxic Substances Control  
Telephone: 916-255-3628  
Last EDR Contact: 11/10/2010  
Next Scheduled EDR Contact: 02/14/2011  
Data Release Frequency: Varies

## FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 02/06/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 339

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 10/28/2010  
Next Scheduled EDR Contact: 01/31/2011  
Data Release Frequency: N/A

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

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

Source: Environmental Protection Agency  
Telephone: 202-566-0517  
Last EDR Contact: 11/10/2010  
Next Scheduled EDR Contact: 02/14/2011  
Data Release Frequency: Varies

## EDR PROPRIETARY RECORDS

### *EDR Proprietary Records*

#### Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

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

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



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## COUNTY RECORDS

### ALAMEDA COUNTY:

#### Contaminated Sites

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

Date of Government Version: 10/13/2010  
Date Data Arrived at EDR: 10/14/2010  
Date Made Active in Reports: 11/17/2010  
Number of Days to Update: 34

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 10/04/2010  
Next Scheduled EDR Contact: 01/17/2011  
Data Release Frequency: Semi-Annually

#### Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/13/2010  
Date Data Arrived at EDR: 10/14/2010  
Date Made Active in Reports: 11/18/2010  
Number of Days to Update: 35

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 10/04/2010  
Next Scheduled EDR Contact: 01/17/2011  
Data Release Frequency: Semi-Annually

### CONTRA COSTA COUNTY:

#### Site List

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

Date of Government Version: 08/16/2010  
Date Data Arrived at EDR: 08/17/2010  
Date Made Active in Reports: 08/20/2010  
Number of Days to Update: 3

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 11/22/2010  
Next Scheduled EDR Contact: 02/21/2011  
Data Release Frequency: Semi-Annually

### FRESNO COUNTY:

#### CUPA Resources List

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

Date of Government Version: 10/15/2010  
Date Data Arrived at EDR: 10/15/2010  
Date Made Active in Reports: 11/17/2010  
Number of Days to Update: 33

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 10/18/2010  
Next Scheduled EDR Contact: 01/31/2011  
Data Release Frequency: Semi-Annually

### KERN COUNTY:

#### Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010  
Date Data Arrived at EDR: 09/01/2010  
Date Made Active in Reports: 09/30/2010  
Number of Days to Update: 29

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 11/22/2010  
Next Scheduled EDR Contact: 02/28/2011  
Data Release Frequency: Quarterly

### LOS ANGELES COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## San Gabriel Valley Areas of Concern

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

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

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

## HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/29/2010  
Date Data Arrived at EDR: 10/29/2010  
Date Made Active in Reports: 11/17/2010  
Number of Days to Update: 19

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 10/18/2010  
Next Scheduled EDR Contact: 01/31/2011  
Data Release Frequency: Semi-Annually

## List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/25/2010  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 11/17/2010  
Number of Days to Update: 21

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 10/25/2010  
Next Scheduled EDR Contact: 02/07/2011  
Data Release Frequency: Varies

## City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009  
Date Data Arrived at EDR: 03/10/2009  
Date Made Active in Reports: 04/08/2009  
Number of Days to Update: 29

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 08/25/2010  
Next Scheduled EDR Contact: 12/06/2010  
Data Release Frequency: Varies

## Site Mitigation List

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

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

Source: Community Health Services  
Telephone: 323-890-7806  
Last EDR Contact: 10/25/2010  
Next Scheduled EDR Contact: 02/07/2011  
Data Release Frequency: Annually

## City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 10/26/2010  
Date Data Arrived at EDR: 11/01/2010  
Date Made Active in Reports: 11/18/2010  
Number of Days to Update: 17

Source: City of El Segundo Fire Department  
Telephone: 310-524-2236  
Last EDR Contact: 10/25/2010  
Next Scheduled EDR Contact: 02/07/2011  
Data Release Frequency: Semi-Annually

## City of Long Beach Underground Storage Tank

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

Date of Government Version: 03/28/2003  
Date Data Arrived at EDR: 10/23/2003  
Date Made Active in Reports: 11/26/2003  
Number of Days to Update: 34

Source: City of Long Beach Fire Department  
Telephone: 562-570-2563  
Last EDR Contact: 11/01/2010  
Next Scheduled EDR Contact: 02/14/2011  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/22/2010  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 11/18/2010  
Number of Days to Update: 22

Source: City of Torrance Fire Department  
Telephone: 310-618-2973  
Last EDR Contact: 10/18/2010  
Next Scheduled EDR Contact: 01/31/2011  
Data Release Frequency: Semi-Annually

## MARIN COUNTY:

### Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 10/28/2010  
Date Data Arrived at EDR: 11/16/2010  
Date Made Active in Reports: 11/18/2010  
Number of Days to Update: 2

Source: Public Works Department Waste Management  
Telephone: 415-499-6647  
Last EDR Contact: 10/12/2010  
Next Scheduled EDR Contact: 01/24/2011  
Data Release Frequency: Semi-Annually

## NAPA COUNTY:

### Sites With Reported Contamination

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

Date of Government Version: 07/09/2008  
Date Data Arrived at EDR: 07/09/2008  
Date Made Active in Reports: 07/31/2008  
Number of Days to Update: 22

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

### Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

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

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

## ORANGE COUNTY:

### List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 08/05/2010  
Date Data Arrived at EDR: 08/23/2010  
Date Made Active in Reports: 09/29/2010  
Number of Days to Update: 37

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 11/16/2010  
Next Scheduled EDR Contact: 02/28/2011  
Data Release Frequency: Annually

### List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/05/2010  
Date Data Arrived at EDR: 08/23/2010  
Date Made Active in Reports: 09/29/2010  
Number of Days to Update: 37

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 11/16/2010  
Next Scheduled EDR Contact: 02/28/2011  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/05/2010	Source: Health Care Agency
Date Data Arrived at EDR: 08/23/2010	Telephone: 714-834-3446
Date Made Active in Reports: 09/30/2010	Last EDR Contact: 11/16/2010
Number of Days to Update: 38	Next Scheduled EDR Contact: 02/28/2011
	Data Release Frequency: Quarterly

## PLACER COUNTY:

### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/13/2010	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 09/14/2010	Telephone: 530-889-7312
Date Made Active in Reports: 09/29/2010	Last EDR Contact: 09/13/2010
Number of Days to Update: 15	Next Scheduled EDR Contact: 12/27/2010
	Data Release Frequency: Semi-Annually

## RIVERSIDE COUNTY:

### Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/25/2010	Source: Department of Environmental Health
Date Data Arrived at EDR: 10/28/2010	Telephone: 951-358-5055
Date Made Active in Reports: 11/17/2010	Last EDR Contact: 09/27/2010
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/10/2011
	Data Release Frequency: Quarterly

### Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/25/2010	Source: Department of Environmental Health
Date Data Arrived at EDR: 10/28/2010	Telephone: 951-358-5055
Date Made Active in Reports: 11/18/2010	Last EDR Contact: 09/27/2010
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/10/2011
	Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

### Toxic Site Clean-Up List

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

Date of Government Version: 08/02/2010	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 10/19/2010	Telephone: 916-875-8406
Date Made Active in Reports: 11/17/2010	Last EDR Contact: 10/12/2010
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/24/2011
	Data Release Frequency: Quarterly

### Master Hazardous Materials Facility List

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

Date of Government Version: 08/09/2010	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 10/21/2010	Telephone: 916-875-8406
Date Made Active in Reports: 11/17/2010	Last EDR Contact: 10/12/2010
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/24/2011
	Data Release Frequency: Quarterly

## SAN BERNARDINO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 09/07/2010  
Date Data Arrived at EDR: 09/08/2010  
Date Made Active in Reports: 09/29/2010  
Number of Days to Update: 21

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 11/22/2010  
Next Scheduled EDR Contact: 02/28/2011  
Data Release Frequency: Quarterly

## SAN DIEGO COUNTY:

### Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/09/2010  
Date Data Arrived at EDR: 09/15/2010  
Date Made Active in Reports: 09/29/2010  
Number of Days to Update: 14

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 09/15/2010  
Next Scheduled EDR Contact: 12/27/2010  
Data Release Frequency: Quarterly

### Solid Waste Facilities

San Diego County Solid Waste Facilities.

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

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 11/01/2010  
Next Scheduled EDR Contact: 02/14/2011  
Data Release Frequency: Varies

### Environmental Case Listing

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

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

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

## SAN FRANCISCO COUNTY:

### Local Oversight 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: 11/22/2010  
Next Scheduled EDR Contact: 02/28/2011  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 09/08/2010	Source: Department of Public Health
Date Data Arrived at EDR: 09/10/2010	Telephone: 415-252-3920
Date Made Active in Reports: 09/30/2010	Last EDR Contact: 11/22/2010
Number of Days to Update: 20	Next Scheduled EDR Contact: 02/28/2011
	Data Release Frequency: Quarterly

## SAN JOAQUIN COUNTY:

### San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 10/12/2010	Source: Environmental Health Department
Date Data Arrived at EDR: 10/13/2010	Telephone: N/A
Date Made Active in Reports: 11/18/2010	Last EDR Contact: 09/27/2010
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/10/2011
	Data Release Frequency: Semi-Annually

## SAN MATEO COUNTY:

### Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 07/15/2010	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 07/16/2010	Telephone: 650-363-1921
Date Made Active in Reports: 08/12/2010	Last EDR Contact: 06/21/2010
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/03/2011
	Data Release Frequency: Annually

### Fuel Leak List

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

Date of Government Version: 09/20/2010	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 09/21/2010	Telephone: 650-363-1921
Date Made Active in Reports: 09/29/2010	Last EDR Contact: 09/20/2010
Number of Days to Update: 8	Next Scheduled EDR Contact: 10/04/2010
	Data Release Frequency: Semi-Annually

## SANTA CLARA COUNTY:

### HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005	Source: Santa Clara Valley Water District
Date Data Arrived at EDR: 03/30/2005	Telephone: 408-265-2600
Date Made Active in Reports: 04/21/2005	Last EDR Contact: 03/23/2009
Number of Days to Update: 22	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: No Update Planned

### LOP Listing

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

Date of Government Version: 05/29/2009	Source: Department of Environmental Health
Date Data Arrived at EDR: 06/01/2009	Telephone: 408-918-3417
Date Made Active in Reports: 06/15/2009	Last EDR Contact: 09/07/2010
Number of Days to Update: 14	Next Scheduled EDR Contact: 12/20/2010
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

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

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 11/22/2010  
Next Scheduled EDR Contact: 02/28/2011  
Data Release Frequency: Annually

## SOLANO COUNTY:

### Leaking Underground Storage Tanks

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

Date of Government Version: 09/07/2010  
Date Data Arrived at EDR: 09/10/2010  
Date Made Active in Reports: 09/29/2010  
Number of Days to Update: 19

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

### Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/07/2010  
Date Data Arrived at EDR: 09/14/2010  
Date Made Active in Reports: 09/30/2010  
Number of Days to Update: 16

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

## SONOMA COUNTY:

### Leaking Underground Storage Tank Sites

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

Date of Government Version: 10/04/2010  
Date Data Arrived at EDR: 10/05/2010  
Date Made Active in Reports: 11/17/2010  
Number of Days to Update: 43

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 10/04/2010  
Next Scheduled EDR Contact: 01/17/2011  
Data Release Frequency: Quarterly

## SUTTER COUNTY:

### Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 09/13/2010  
Date Data Arrived at EDR: 09/14/2010  
Date Made Active in Reports: 09/30/2010  
Number of Days to Update: 16

Source: Sutter County Department of Agriculture  
Telephone: 530-822-7500  
Last EDR Contact: 09/13/2010  
Next Scheduled EDR Contact: 12/27/2010  
Data Release Frequency: Semi-Annually

## VENTURA COUNTY:

### Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/26/2010  
Date Data Arrived at EDR: 09/01/2010  
Date Made Active in Reports: 09/29/2010  
Number of Days to Update: 28

Source: Ventura County Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 08/24/2010  
Next Scheduled EDR Contact: 12/06/2010  
Data Release Frequency: Quarterly

## Inventory of Illegal Abandoned and Inactive Sites

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

Date of Government Version: 08/01/2009  
Date Data Arrived at EDR: 10/05/2009  
Date Made Active in Reports: 10/13/2009  
Number of Days to Update: 8

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 09/27/2010  
Next Scheduled EDR Contact: 11/15/2010  
Data Release Frequency: Annually

## Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008  
Date Data Arrived at EDR: 06/24/2008  
Date Made Active in Reports: 07/31/2008  
Number of Days to Update: 37

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 08/24/2010  
Next Scheduled EDR Contact: 12/06/2010  
Data Release Frequency: Quarterly

## Underground Tank Closed Sites List

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

Date of Government Version: 08/31/2010  
Date Data Arrived at EDR: 09/21/2010  
Date Made Active in Reports: 09/30/2010  
Number of Days to Update: 9

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

## YOLO COUNTY:

### Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 10/05/2010  
Date Data Arrived at EDR: 10/15/2010  
Date Made Active in Reports: 11/18/2010  
Number of Days to Update: 34

Source: Yolo County Department of Health  
Telephone: 530-666-8646  
Last EDR Contact: 09/27/2010  
Next Scheduled EDR Contact: 01/10/2011  
Data Release Frequency: Annually

## OTHER DATABASE(S)

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

### CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 12/31/2007  
Date Data Arrived at EDR: 08/26/2009  
Date Made Active in Reports: 09/11/2009  
Number of Days to Update: 16

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



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

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

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 10/19/2010  
Next Scheduled EDR Contact: 01/31/2011  
Data Release Frequency: Annually

## NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 07/28/2010  
Date Data Arrived at EDR: 08/11/2010  
Date Made Active in Reports: 09/24/2010  
Number of Days to Update: 44

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 11/09/2010  
Next Scheduled EDR Contact: 02/21/2011  
Data Release Frequency: Annually

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

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

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 11/22/2010  
Next Scheduled EDR Contact: 03/07/2011  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

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

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

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

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

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

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

## Electric Power Transmission Line Data

Source: Rextag Strategies Corp.  
Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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

## AHA Hospitals:

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

### STREET AND ADDRESS INFORMATION

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

FORMER UKIAH STATION  
LESLIE STREET/PEACH STREET  
UKIAH, CA 95482

### **TARGET PROPERTY COORDINATES**

Latitude (North):	39.14910 - 39° 8' 56.8"
Longitude (West):	123.2031 - 123° 12' 11.2"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	482449.7
UTM Y (Meters):	4333134.0
Elevation:	614 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	39123-B2 UKIAH, CA
Most Recent Revision:	1975

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).

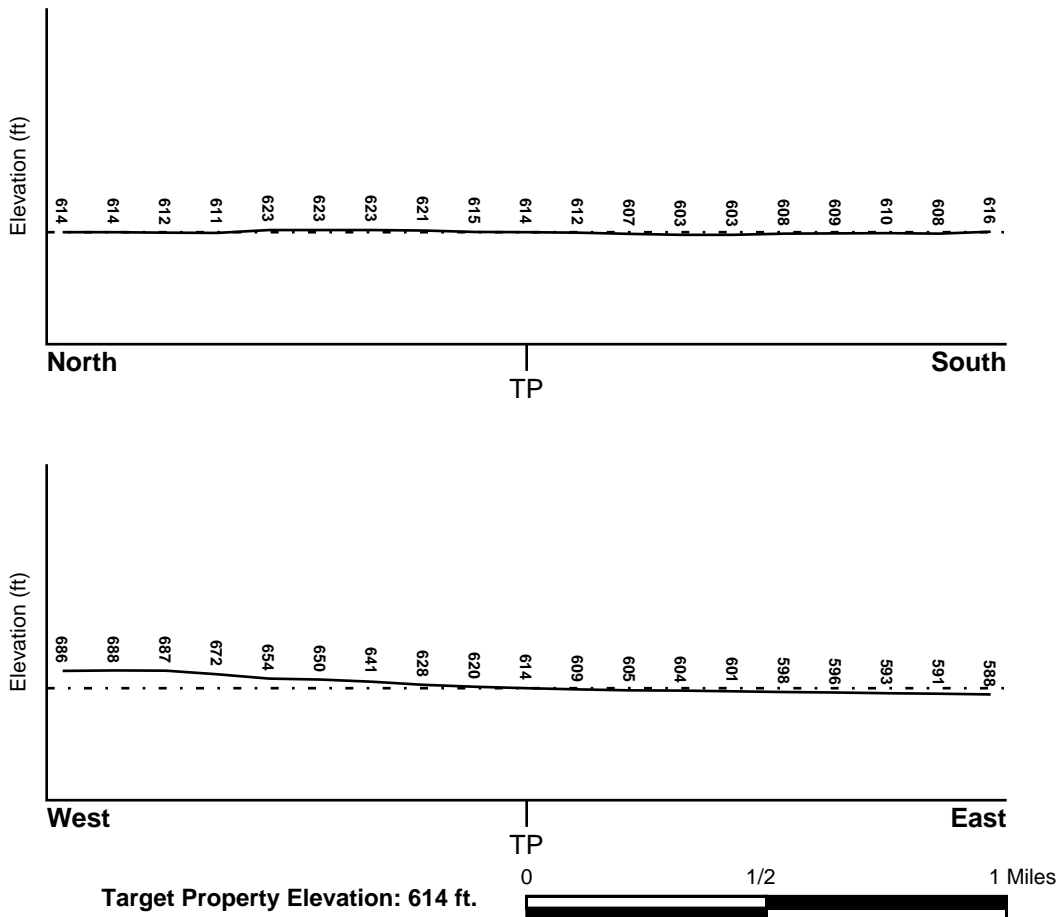
## TOPOGRAPHIC INFORMATION

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 ESE

## 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**

Target Property County  
MENDOCINO, CA

FEMA Flood  
Electronic Data  
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0601860001E - FEMA Q3 Flood data

Additional Panels in search area:  
0601830784B - FEMA Q3 Flood data  
0601830803B - FEMA Q3 Flood data  
0601830792B - FEMA Q3 Flood data  
0601830811B - FEMA Q3 Flood data  
0601860002D - FEMA Q3 Flood data

## **NATIONAL WETLAND INVENTORY**

NWI Quad at Target Property  
NOT AVAILABLE

NWI Electronic  
Data Coverage  
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.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
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**

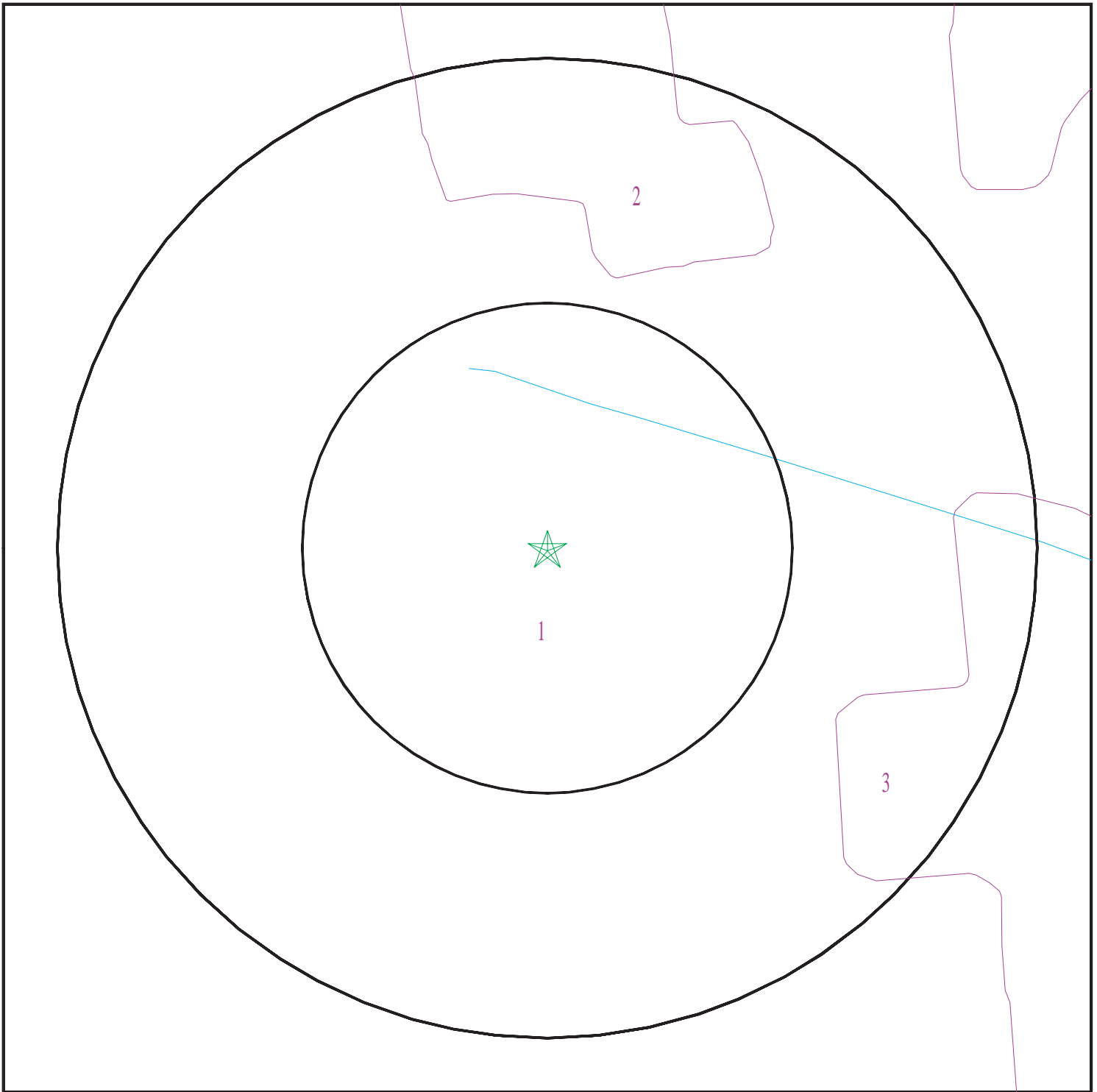
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q ( <i>decoded above as Era, System &amp; Series</i> )

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

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).

# SSURGO SOIL MAP - 2928092.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Former Ukiah Station  
ADDRESS: Leslie Street/Peach Street  
Ukiah CA 95482  
LAT/LONG: 39.1491 / 123.2031

CLIENT: Weston Solutions, Inc.  
CONTACT: Greg Stuesse  
INQUIRY #: 2928092.2s  
DATE: November 22, 2010 3:21 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### 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. The following information is based on Soil Conservation Service SSURGO data.

---

#### Soil Map ID: 1

Soil Component Name: URBAN LAND

Soil Surface Texture:  
Hydrologic Group: Not reported

Soil Drainage Class:  
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

---

#### Soil Map ID: 2

Soil Component Name: FELIZ

Soil Surface Texture:  
Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches		Not reported	Not reported	Max: 14 Min: 4	Max: 7.8 Min: 6.6
2	7 inches	25 inches		Not reported	Not reported	Max: 14 Min: 4	Max: 7.8 Min: 6.6
3	25 inches	61 inches		Not reported	Not reported	Max: 14 Min: 4	Max: 7.8 Min: 6.6

### Soil Map ID: 3

Soil Component Name: COLE

Soil Surface Texture:  
Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches		Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	14 inches	59 inches		Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

### 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.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	USGS3255337	1/4 - 1/2 Mile SSE
A3	USGS3255339	1/4 - 1/2 Mile SE
4	USGS3255347	1/2 - 1 Mile ENE
5	USGS3255333	1/2 - 1 Mile SSE
6	USGS3255338	1/2 - 1 Mile ESE
7	USGS3255346	1/2 - 1 Mile ENE
B8	USGS3255352	1/2 - 1 Mile NE
B9	USGS3255351	1/2 - 1 Mile NE
10	USGS3255354	1/2 - 1 Mile NNW
11	USGS3255334	1/2 - 1 Mile SE
C12	USGS3255355	1/2 - 1 Mile NNE
13	USGS3255329	1/2 - 1 Mile SSE
14	USGS3255350	1/2 - 1 Mile ENE
16	USGS3255349	1/2 - 1 Mile ENE
17	USGS3255344	1/2 - 1 Mile West

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

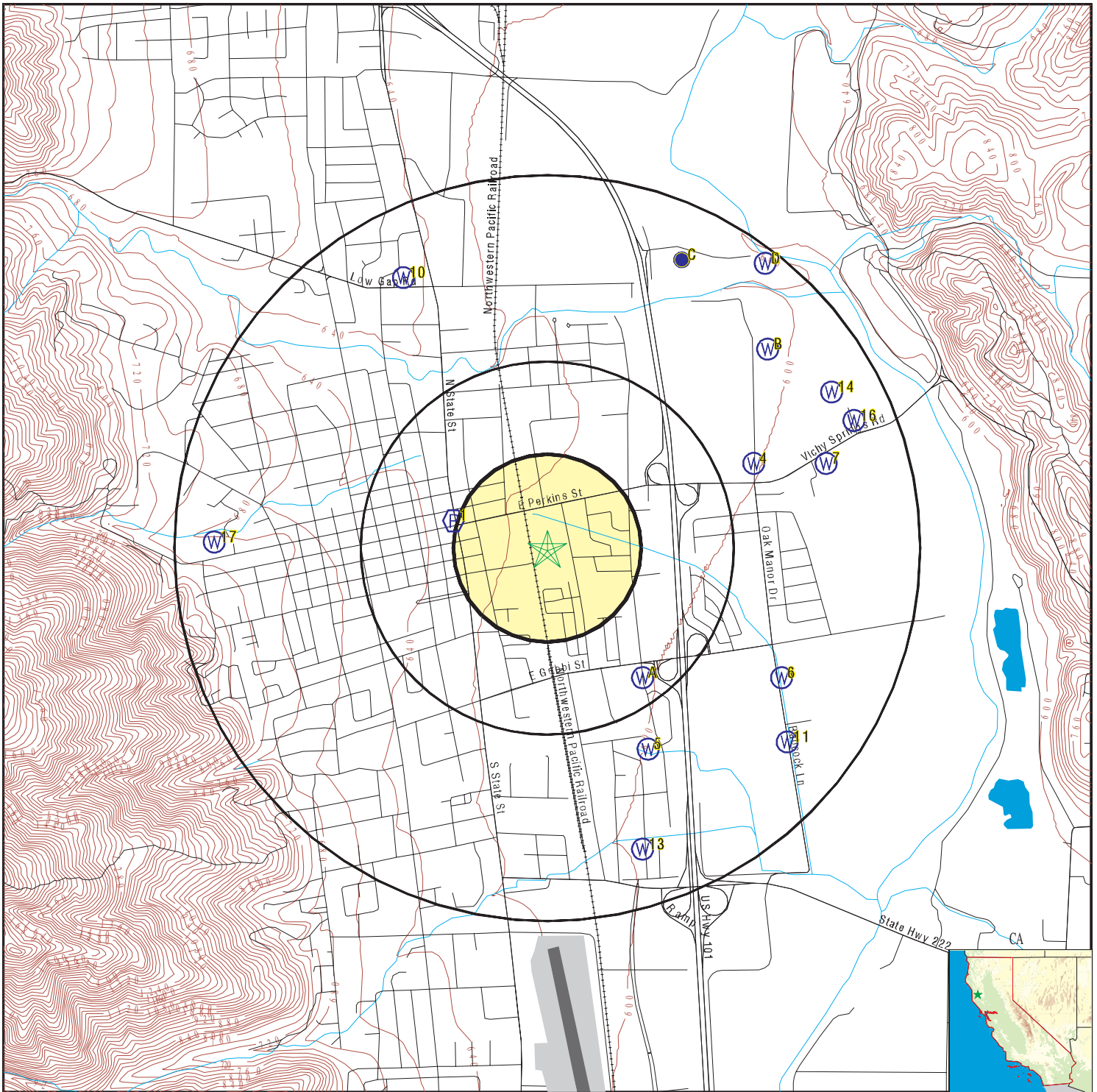
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CA2310005	1/4 - 1/2 Mile WNW

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

## **STATE DATABASE WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
C15	12702	1/2 - 1 Mile NNE
D18	12700	1/2 - 1 Mile NE
D19	22224	1/2 - 1 Mile NE

# PHYSICAL SETTING SOURCE MAP - 2928092.2s



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

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



SITE NAME: Former Ukiah Station  
 ADDRESS: Leslie Street/Peach Street  
 Ukiah CA 95482  
 LAT/LONG: 39.1491 / 123.2031

CLIENT: Weston Solutions, Inc.  
 CONTACT: Greg Stuesse  
 INQUIRY #: 2928092.2s  
 DATE: November 22, 2010 3:21 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**1**  
**WNW**  
**1/4 - 1/2 Mile**  
**Higher**

**FRDS PWS      CA2310005**

Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA2310005002		
Facility name:	WELL 05		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District		
Contact phone:	7074622666	Contact address1:	151 Laws Avenue
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		

Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	1		
Facility name:	WELL 03		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District		
Contact phone:	7074622666	Contact address1:	151 Laws Avenue
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		

Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2		
Facility name:	WELL 05		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	David Redding	Contact address1:	151 Laws Avenue
Original name:	Willow County Water District		
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	3		
Facility name:	WELL 06		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	4		
Facility name:	WELL 07		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	5		
Facility name:	WELL 08		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	David Redding	Contact address1:	151 Laws Avenue
Original name:	Willow County Water District		
Contact phone:	7074622666		
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Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	6		
Facility name:	TREATMENTPLANT_WELLS 3 5 & 6 BLEND		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7		
Facility name:	TREATMENTPLANT_WELLS 7 & 8 BLEND		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA2310005001		
Facility name:	WELL 03		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	David Redding	Contact address1:	151 Laws Avenue
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State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA2310005002		
Facility name:	WELL 05		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
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Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA2310005003		
Facility name:	WELL 06		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA2310005004		
Facility name:	WELL 07		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	David Redding	Contact address1:	151 Laws Avenue
Original name:	Willow County Water District		
Contact phone:	7074622666		
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Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA2310005005		
Facility name:	WELL 08		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA2310005006		
Facility name:	TREATMENTPLANT_WELLS 3 5 & 6 BLEND		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA2310005007		
Facility name:	TREATMENTPLANT_WELLS 7 & 8 BLEND		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	1		
Facility name:	WELL 03		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
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Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2		
Facility name:	WELL 05		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
Contact address2:	Not Reported		
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Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	3		
Facility name:	WELL 06		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	4		
Facility name:	WELL 07		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
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State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	5		
Facility name:	WELL 08		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
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Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	6		
Facility name:	TREATMENTPLANT_WELLS 3 5 & 6 BLEND		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	David Redding	Contact address1:	151 Laws Avenue
Original name:	Willow County Water District		
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7		
Facility name:	TREATMENTPLANT_WELLS 7 & 8 BLEND		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding	Contact address1:	151 Laws Avenue
Original name:	Willow County Water District		
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA2310005001		
Facility name:	WELL 03		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding	Contact address1:	151 Laws Avenue
Original name:	Willow County Water District		
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA2310005003		
Facility name:	WELL 06		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	David Redding	Contact address1:	151 Laws Avenue
Original name:	Willow County Water District		
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Contact city:	Ukiah		
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State:	CA	County:	Not Reported
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Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA2310005004		
Facility name:	WELL 07		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
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Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA2310005005		
Facility name:	WELL 08		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA2310005006		
Facility name:	TREATMENTPLANT_WELLS 3 5 & 6 BLEND		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	David Redding	Contact address1:	151 Laws Avenue
Original name:	Willow County Water District		
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA2310005007		
Facility name:	TREATMENTPLANT_WELLS 7 & 8 BLEND		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	1		
Facility name:	WELL 03		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2		
Facility name:	WELL 05		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	David Redding	Contact address1:	151 Laws Avenue
Original name:	Willow County Water District		
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	3		
Facility name:	WELL 06		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	4		
Facility name:	WELL 07		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	5		
Facility name:	WELL 08		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	David Redding	Contact address1:	151 Laws Avenue
Original name:	Willow County Water District		
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	6		
Facility name:	TREATMENTPLANT_WELLS 3 5 & 6 BLEND		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7		
Facility name:	TREATMENTPLANT_WELLS 7 & 8 BLEND		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA2310005001		
Facility name:	WELL 03		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	David Redding	Contact address1:	151 Laws Avenue
Original name:	Willow County Water District		
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA2310005002		
Facility name:	WELL 05		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA2310005003		
Facility name:	WELL 06		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA2310005004		
Facility name:	WELL 07		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	David Redding	Contact address1:	151 Laws Avenue
Original name:	Willow County Water District		
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA2310005005		
Facility name:	WELL 08		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA2310005006		
Facility name:	TREATMENTPLANT_WELLS 3 5 & 6 BLEND		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA2310005007		
Facility name:	TREATMENTPLANT_WELLS 7 & 8 BLEND		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	David Redding	Contact address1:	151 Laws Avenue
Original name:	Willow County Water District		
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	1		
Facility name:	WELL 03		
Facility type:	Well	Treatment process:	inhibitor, orthophosphate
Treatment objective:	corrosion control		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2		
Facility name:	WELL 05		
Facility type:	Well	Treatment process:	inhibitor, orthophosphate
Treatment objective:	corrosion control		
Contact name:	David Redding		
Original name:	Willow County Water District	Contact address1:	151 Laws Avenue
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	3		
Facility name:	WELL 06		
Facility type:	Well	Treatment process:	inhibitor, orthophosphate
Treatment objective:	corrosion control		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	David Redding	Contact address1:	151 Laws Avenue
Original name:	Willow County Water District		
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	4		
Facility name:	WELL 07		
Facility type:	Well	Treatment process:	inhibitor, orthophosphate
Treatment objective:	corrosion control		
Contact name:	David Redding	Contact address1:	151 Laws Avenue
Original name:	Willow County Water District		
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	5		
Facility name:	WELL 08		
Facility type:	Well	Treatment process:	inhibitor, orthophosphate
Treatment objective:	corrosion control		
Contact name:	David Redding	Contact address1:	151 Laws Avenue
Original name:	Willow County Water District		
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	6		
Facility name:	TREATMENTPLANT_WELLS 3 5 & 6 BLEND		
Facility type:	Treatment_plant	Treatment process:	inhibitor, orthophosphate
Treatment objective:	corrosion control		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact name:	David Redding	Contact address1:	151 Laws Avenue
Original name:	Willow County Water District		
Contact phone:	7074622666		
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		
Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7		
Facility name:	TREATMENTPLANT_WELLS 7 & 8 BLEND		
Facility type:	Treatment_plant	Treatment process:	inhibitor, orthophosphate
Treatment objective:	corrosion control		
Contact name:	David Redding		
Original name:	Willow County Water District		
Contact phone:	7074622666	Contact address1:	151 Laws Avenue
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		

Pwsid:	CA2310005	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Willow County Water District		
Population Served:	3760	Pwssvconn:	1033
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA2310005001		
Facility name:	WELL 03		
Facility type:	Well	Treatment process:	inhibitor, orthophosphate
Treatment objective:	corrosion control		
Contact name:	David Redding		
Original name:	Willow County Water District		
Contact phone:	7074622666	Contact address1:	151 Laws Avenue
Contact address2:	Not Reported		
Contact city:	Ukiah		
Contact zip:	95482		

PWS ID: CA2310005  
 Date Initiated: Not Reported      Date Deactivated: Not Reported  
 PWS Name: WILLOW COUNTY WATER DISTRICT  
 UKIAH, CA 95482

Addressee / Facility: Not Reported

Facility Latitude:	39 09 01	Facility Longitude:	123 12 24
City Served:	UKIAH SOUTH		
Treatment Class:	Mixed (treated and untreated)	Population:	4600

Violations information not reported.

### ENFORCEMENT INFORMATION:

System Name:	WILLOW COUNTY WATER DISTRI		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1992-07-01 - 2015-12-31		
Violation ID:	93V0001		
Enforcement Date:	1993-12-15	Enf. Action:	Fed Compliance Achieved

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A2**  
**SSE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS3255337**

Agency cd:	USGS	Site no:	390838123115201
Site name:	015N012W20J001M		
Latitude:	390838	EDR Site id:	USGS3255337
Longitude:	1231152	Dec lat:	39.1437821
Dec lon:	-123.19889394	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	045
Country:	US	Land net:	NENESES20 T15N R12W M
Location map:	UKIAH	Map scale:	24000
Altitude:	598.00		
Altitude method:	Altimeter		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Russian. California. Area = 1470 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19750924
Date inventoried:	19810205	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	39.0	Hole depth:	39.0
Source of depth data:	driller		
Project number:	38000		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1981-11-05
Water quality data end date:	1981-11-05	Water quality data count:	1
Ground water data begin date:	1981-02-05	Ground water data end date:	1982-09-29
Ground water data count:	8		

Ground-water levels, Number of Measurements: 8

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-09-29	11.02				
1982-03-03	2.10				
Note: The site had been pumped recently.					
1981-12-16	2.75		1981-11-05	12.35	
1981-08-19	10.62		1981-06-17	6.09	
1981-04-01	2.34		1981-02-05	3.4	

**A3**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS3255339**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	390840123114801
Site name:	015N012W21M001M	EDR Site id:	USGS3255339
Latitude:	390840	Dec lat:	39.14433763
Longitude:	1231148	Coor meth:	M
Dec lon:	-123.1977828	Latlong datum:	NAD27
Coor accr:	S	District:	06
Dec latlong datum:	NAD83	County:	045
State:	06	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	UKIAH		
Altitude:	590		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Russian. California. Area = 1470 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19460101
Date inventoried:	19510518	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	46.0	Hole depth:	Not Reported
Source of depth data:	reporting agency (generally USGS)		
Project number:	38000		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data begin date:	0000-00-00		
Water quality data end date:	0000-00-00		
Water quality data count:	0		
Ground water data begin date:	1951-05-18	Ground water data end date:	1963-09-17
Ground water data count:	68		

Ground-water levels, Number of Measurements: 68

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
-----					
1963-09-17	9.97		1963-08-13	7.18	
1963-07-09	4.35		1963-06-07	2.70	
1963-05-14	1.44		1963-04-17	0.40	
1963-03-06	1.27		1963-02-13	0.54	
1963-01-03	2.35		1962-12-04	5.90	
1962-11-15	8.99		1962-10-10	14.14	
1962-09-07	13.54		1962-08-16	12.97	
1962-07-12	8.29		1962-05-10	3.27	
1962-04-19	2.30		1962-03-09	0.48	
1962-02-13	0.41		1962-01-12	5.37	
1961-12-05	9.29		1961-11-07	14.24	
1961-10-04	15.43				
1961-09-06	12.19				
Note: The site had been pumped recently.					
1961-06-08	3.50		1961-05-03	2.00	
1961-04-05	1.30		1961-03-03	2.10	
1961-02-03	0.90		1961-01-06	2.90	
1960-12-09	8.10		1960-11-04	14.00	
1960-10-07	12.20		1960-09-08	12.60	
1960-07-07	14.90				
Note: The site was being pumped.					
1960-06-02	3.30		1960-05-06	2.40	

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1960-04-06	1.60		1960-03-03	1.70	
1960-01-09	13.00				
Note: The site had been pumped recently.					
1959-12-05	13.70				
Note: The site was being pumped.					
1959-11-07	13.10				
1959-10-10	12.60				
Note: The site had been pumped recently.					
1959-09-02	11.90				
Note: The site had been pumped recently.					
1959-06-04	11.90				
Note: The site was being pumped.					
1959-05-12	4.10		1959-04-07	2.00	
1959-03-05	1.00		1959-02-03	1.40	
1959-01-08	5.50		1958-12-02	8.90	
1958-10-29	9.50		1958-10-03	9.60	
1958-03-11	0.70		1955-03-24	2.30	
1954-10-28	11.10		1954-08-11	7.60	
1954-06-24	4.70		1954-05-20	2.50	
1954-04-01	1.00		1953-10-23	9.30	
1953-05-13	0.90		1953-04-24	1.70	
1952-11-19	10.70		1952-04-03	1.20	
1951-12-05	1.80		1951-10-18	10.20	
1951-05-18	2.20				

**4**  
**ENE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS3255347**

Agency cd:	USGS	Site no:	390909123113001
Site name:	015N012W16E002M	EDR Site id:	USGS3255347
Latitude:	390909	Dec lat:	39.15239289
Longitude:	1231130	Coor meth:	M
Dec lon:	-123.19278263	Latlong datum:	NAD27
Coor accr:	S	District:	06
Dec latlong datum:	NAD83	County:	045
State:	06	Land net:	SESWNWS16 T15N R12W M
Country:	US	Map scale:	24000
Location map:	UKIAH		
Altitude:	600		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Russian. California. Area = 1470 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	19660101
Date inventoried:	19810205	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Collector or Ranney type well		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	47.0	Hole depth:	47.0
Source of depth data:	Not Reported		
Project number:	38000		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0  
 Water quality data end date: 0000-00-00  
 Ground water data begin date: 1970-01-01  
 Ground water data count: 1  
 Water quality data begin date: 0000-00-00  
 Water quality data count: 0  
 Ground water data end date: 1970-01-01

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1970-01-01	19.00	

**5**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS3255333**

Agency cd:	USGS	Site no:	390829123114901
Site name:	015N012W20R001M	EDR Site id:	USGS3255333
Latitude:	390829	Dec lat:	39.14128217
Longitude:	1231149	Coor meth:	M
Dec lon:	-123.19806059	Latlong datum:	NAD27
Coor accr:	S	District:	06
Dec latlong datum:	NAD83	County:	045
State:	06	Land net:	NESESES20 T15N R12W M
Country:	US	Map scale:	24000
Location map:	UKIAH		
Altitude:	594		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Russian. California. Area = 1470 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19570901
Date inventoried:	19810205	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	213	Hole depth:	625
Source of depth data:	driller		
Project number:	38000		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1981-02-18	Ground water data end date:	1981-12-16
Ground water data count:	5		

Ground-water levels, Number of Measurements: 5

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-12-16	80.35		1981-10-14	41.74	
1981-08-19	86.9				
Note: The site was being pumped.					
1981-06-17	68		1981-02-18	37.90	



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**6**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS3255338**

Agency cd:	USGS	Site no:	390839123112501
Site name:	015N012W21L001M	EDR Site id:	USGS3255338
Latitude:	390839	Dec lat:	39.14405981
Longitude:	1231125	Coord meth:	M
Dec lon:	-123.19139372	Latlong datum:	NAD27
Coord acc:	S	District:	06
Dec latlong datum:	NAD83	County:	045
State:	06	Land net:	BWNESWS21 T15N R12W M
Country:	US	Map scale:	24000
Location map:	UKIAH		
Altitude:	590		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Russian. California. Area = 1470 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19721003
Date inventoried:	19810205	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	ALLUVIUM		
Well depth:	43.0	Hole depth:	43.0
Source of depth data:	driller		
Project number:	38000		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1982-05-20
Water quality data end date:	1982-05-20	Water quality data count:	1
Ground water data begin date:	1972-10-03	Ground water data end date:	1972-10-03
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel
-----		
1972-10-03	15.00	

**7**  
**ENE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS3255346**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	390909123111701
Site name:	015N012W21C001M	EDR Site id:	USGS3255346
Latitude:	390909	Dec lat:	39.15239286
Longitude:	1231117	Coor meth:	M
Dec lon:	-123.18917141	Latlong datum:	NAD27
Coor accr:	S	District:	06
Dec latlong datum:	NAD83	County:	045
State:	06	Land net:	NENENWS21 T15N R12W M
Country:	US	Map scale:	24000
Location map:	UKIAH		
Altitude:	596		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Russian. California. Area = 1470 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19480101
Date inventoried:	19810205	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	36.0	Hole depth:	36.0
Source of depth data:	owner		
Project number:	38000		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data begin date:	0000-00-00		
Water quality data end date:	0000-00-00		
Water quality data count:	0		
Ground water data begin date:	1978-10-05		
Ground water data end date:	1981-06-17		
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
-----			-----		
1981-06-17	15.67		1978-10-05	18.00	

**B8  
NE  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS3255352**

Agency cd:	USGS	Site no:	390925123112801
Site name:	015N012W16M001M	EDR Site id:	USGS3255352
Latitude:	390925	Dec lat:	39.15683719
Longitude:	1231128	Coor meth:	M
Dec lon:	-123.19222705	Latlong datum:	NAD27
Coor accr:	S	District:	06
Dec latlong datum:	NAD83	County:	045
State:	06	Land net:	NENWSWS16 T15N R12W M
Country:	US	Map scale:	24000
Location map:	UKIAH		
Altitude:	600		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Russian. California. Area = 1470 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19810220	Mean greenwich time offset:	PST

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	38000		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**B9  
NE  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS3255351**

Agency cd:	USGS	Site no:	390925123112701
Site name:	015N012W16L001M	EDR Site id:	USGS3255351
Latitude:	390925	Dec lat:	39.15683719
Longitude:	1231127	Coor meth:	M
Dec lon:	-123.19194926	Latlong datum:	NAD27
Coor accr:	S	District:	06
Dec latlong datum:	NAD83	County:	045
State:	06	Land net:	SWNESWS16 T15N R12W M
Country:	US	Map scale:	24000
Location map:	UKIAH		
Altitude:	590		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Russian. California. Area = 1470 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19810220	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	26.0	Hole depth:	Not Reported
Source of depth data:	other		
Project number:	38000		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1981-02-20	Ground water data end date:	1981-02-20
Ground water data count:	1		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1981-02-20	14.01	

**10  
NNW  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS3255354**

Agency cd:	USGS	Site no:	390935123123301
Site name:	015N012W17F001M	EDR Site id:	USGS3255354
Latitude:	390935	Dec lat:	39.15961501
Longitude:	1231233	Coor meth:	M
Dec lon:	-123.21028314	Latlong datum:	NAD27
Coor accr:	F	District:	06
Dec latlong datum:	NAD83	County:	045
State:	06	Land net:	SWSENWS17 T15N R12W M
Country:	US	Map scale:	24000
Location map:	UKIAH		
Altitude:	640		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Russian. California. Area = 1470 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19510301
Date inventoried:	19810130	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	64
Source of depth data:	driller		
Project number:	38000		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

**11  
SE  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS3255334**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	390830123112401
Site name:	015N012W21P001M		
Latitude:	390830	EDR Site id:	USGS3255334
Longitude:	1231124	Dec lat:	39.14155989
Dec lon:	-123.19111594	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	045
Country:	US	Land net:	Not Reported
Location map:	UKIAH	Map scale:	24000
Altitude:	590		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Russian. California. Area = 1470 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	43.0	Hole depth:	Not Reported
Source of depth data:	owner		
Project number:	38000		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

**C12**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS3255355**

Agency cd:	USGS	Site no:	390937123114501
Site name:	015N012W16E001M		
Latitude:	390937	EDR Site id:	USGS3255355
Longitude:	1231145	Dec lat:	39.16017045
Dec lon:	-123.1969494	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	045
Country:	US	Land net:	SWSWNWS16 T15N R12W M
Location map:	UKIAH	Map scale:	24000
Altitude:	603		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Russian. California. Area = 1470 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	19500101
Date inventoried:	19810205	Mean greenwich time offset:	PST



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 8

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-03-03	4.5		1981-12-16	3.84	
1981-10-14	22.1		1981-08-19	14.0	
1981-06-17	17.08				
Note: The site had been pumped recently.					
1981-04-01	5.78		1981-02-20	5.52	
1981-01-30	5.80				

**14  
ENE  
1/2 - 1 Mile  
Lower**

**FED USGS USGS3255350**

Agency cd:	USGS	Site no:	390919123111601
Site name:	015N012W16P001M	EDR Site id:	USGS3255350
Latitude:	390919	Dec lat:	39.15517055
Longitude:	1231116	Coor meth:	M
Dec lon:	-123.18889362	Latlong datum:	NAD27
Coor accr:	S	District:	06
Dec latlong datum:	NAD83	County:	045
State:	06	Land net:	NESESWS16 T15N R12W M
Country:	US	Map scale:	24000
Location map:	UKIAH		
Altitude:	590		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Russian. California. Area = 1470 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19810205	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	26.0	Hole depth:	Not Reported
Source of depth data:	other		
Project number:	38000		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1981-02-05	Ground water data end date:	1981-02-05
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1981-02-05	12.20	

**C15  
NNE  
1/2 - 1 Mile  
Lower**

**CA WELLS 12702**

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Water System Information:**

Prime Station Code:	15N12W-17H01 M	User ID:	RXR
FRDS Number:	2310003007	County:	Mendocino
District Number:	03	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	390938.7 1231141.7	Precision:	100 Feet (one Second)
Source Name:	WELL 06		
System Number:	2310003		
System Name:	CITY OF UKIAH		
Organization That Operates System:	300 SEMINARY AVE UKIAH 95482		
Pop Served:	15000	Connections:	4453
Area Served:	UKIAH & VIC		

**16  
ENE  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS3255349**

Agency cd:	USGS	Site no:	390915123111201
Site name:	015N012W16Q001M	EDR Site id:	USGS3255349
Latitude:	390915	Dec lat:	39.15405946
Longitude:	1231112	Coor meth:	M
Dec lon:	-123.18778247	Latlong datum:	NAD27
Coor accr:	S	District:	06
Dec latlong datum:	NAD83	County:	045
State:	06	Land net:	SWSWSES16 T15N R12W M
Country:	US	Map scale:	24000
Location map:	UKIAH		
Altitude:	590		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Russian. California. Area = 1470 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19691230
Date inventoried:	19810220	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	40.0	Hole depth:	40.0
Source of depth data:	driller		
Project number:	38000		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	1981-10-14	Water quality data begin date:	1981-10-14
Ground water data begin date:	1981-02-20	Water quality data count:	1
Ground water data count:	8	Ground water data end date:	1982-09-29

Ground-water levels, Number of Measurements: 8

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-09-29	18.94		1982-03-03	14.29	



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-12-16	14.74		1981-10-14	18.10	
1981-08-19	18.49		1981-06-17	18.14	
1981-04-01	15.74		1981-02-20	15.32	

**17**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS3255344**

Agency cd:	USGS	Site no:	390858123130701
Site name:	015N012W19B001M	EDR Site id:	USGS3255344
Latitude:	390858	Dec lat:	39.14933763
Longitude:	1231307	Coor meth:	M
Dec lon:	-123.21972789	Latlong datum:	NAD27
Coor accr:	F	District:	06
Dec latlong datum:	NAD83	County:	045
State:	06	Land net:	SENWNES19 T15N R12W M
Country:	US	Map scale:	24000
Location map:	UKIAH		
Altitude:	680		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Russian. California. Area = 1470 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19771012
Date inventoried:	198102	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	38.0	Hole depth:	38.0
Source of depth data:	driller		
Project number:	38000		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1977-10-12	Ground water data end date:	1977-10-12
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1977-10-12	9.00	

**D18**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS 12700**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Water System Information:**

Prime Station Code:	15N/12W-16M01 M	User ID:	RXR
FRDS Number:	2310003006	County:	Mendocino
District Number:	03	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	390936.6 1231129.1	Precision:	100 Feet (one Second)
Source Name:	WELL 05		
System Number:	2310003		
System Name:	CITY OF UKIAH		
Organization That Operates System:	300 SEMINARY AVE UKIAH 95482		
Pop Served:	15000	Connections:	4453
Area Served:	UKIAH & VIC		
Sample Collected:	07/10/2007	Findings:	150. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/10/2007	Findings:	0.33 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	07/10/2007	Findings:	10.57
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/17/2007	Findings:	2.8 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/17/2008	Findings:	1.5 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/17/2008	Findings:	1.5 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/01/2008	Findings:	240. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/06/2008	Findings:	4.8 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/08/2009	Findings:	1.4 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/08/2009	Findings:	2.4 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/08/2009	Findings:	1.4 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/23/2006	Findings:	0.822 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/23/2006	Findings:	0.311 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	01/23/2006	Findings:	0.515 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	04/03/2006	Findings:	0.512 MG/L
Chemical:	TOTAL ORGANIC CARBON (TOC)		
Sample Collected:	04/03/2006	Findings:	0.198 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/03/2006	Findings:	0.334 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	07/06/2006	Findings:	3.2 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/06/2006	Findings:	0.149 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	07/10/2007	Findings:	6. UNITS
Chemical:	COLOR		
Sample Collected:	07/10/2007	Findings:	260. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/10/2007	Findings:	6.8
Chemical:	PH, LABORATORY		
Sample Collected:	07/10/2007	Findings:	110. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	07/10/2007	Findings:	130. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/10/2007	Findings:	114. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	07/10/2007	Findings:	24. MG/L
Chemical:	CALCIUM		
Sample Collected:	07/10/2007	Findings:	13. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/10/2007	Findings:	16. MG/L
Chemical:	SODIUM		
Sample Collected:	07/10/2007	Findings:	7.2 MG/L
Chemical:	CHLORIDE		

**D19**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS    22224**

**Water System Information:**

Prime Station Code:	C23/003-RANNEYC	User ID:	RXR
FRDS Number:	2310003001	County:	Mendocino
District Number:	03	Station Type:	STREAM/AMBNT/MUN/INTAKE/RANNEY
Water Type:	Surface Water	Well Status:	Active Raw
Source Lat/Long:	390938.7 1231127.8	Precision:	100 Feet (one Second)
Source Name:	RANNEY COLLECTOR		
System Number:	2310003		
System Name:	CITY OF UKIAH		
Organization That Operates System:	300 SEMINARY AVE UKIAH 95482		
Pop Served:	15000	Connections:	4453
Area Served:	UKIAH & VIC		
Sample Collected:	07/01/2008	Findings:	8.1e-002 MG/L
Chemical:	FOAMING AGENTS (MBAS)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/01/2008	Findings:	99. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/01/2008	Findings:	1.5 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	07/01/2008	Findings:	10.49
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/01/2008	Findings:	190. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/08/2009	Findings:	200. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/08/2009	Findings:	6.95
Chemical:	PH, LABORATORY		
Sample Collected:	07/08/2009	Findings:	86. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	07/08/2009	Findings:	100. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/08/2009	Findings:	85. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	07/08/2009	Findings:	18. MG/L
Chemical:	CALCIUM		
Sample Collected:	07/08/2009	Findings:	9.5 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/08/2009	Findings:	8.8 MG/L
Chemical:	SODIUM		
Sample Collected:	07/08/2009	Findings:	4.7 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/08/2009	Findings:	74. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/08/2009	Findings:	0.46 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	07/08/2009	Findings:	10.54
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/06/2006	Findings:	5. UNITS
Chemical:	COLOR		
Sample Collected:	07/06/2006	Findings:	180. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/06/2006	Findings:	7.1
Chemical:	PH, LABORATORY		
Sample Collected:	07/06/2006	Findings:	79. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	07/06/2006	Findings:	97. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/06/2006	Findings:	81. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/06/2006	Findings:	17. MG/L
Chemical:	CALCIUM		
Sample Collected:	07/06/2006	Findings:	9.1 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/06/2006	Findings:	8.5 MG/L
Chemical:	SODIUM		
Sample Collected:	07/06/2006	Findings:	4.4 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/06/2006	Findings:	72. UG/L
Chemical:	ALUMINUM		
Sample Collected:	07/06/2006	Findings:	110. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/06/2006	Findings:	2.6 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/06/2006	Findings:	2.6 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	07/06/2006	Findings:	10.67
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/06/2006	Findings:	0.119 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	07/10/2007	Findings:	190. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/10/2007	Findings:	6.6
Chemical:	PH, LABORATORY		
Sample Collected:	07/10/2007	Findings:	84. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	07/10/2007	Findings:	100. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/10/2007	Findings:	83. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	07/10/2007	Findings:	18. MG/L
Chemical:	CALCIUM		
Sample Collected:	07/10/2007	Findings:	9.5 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/10/2007	Findings:	8.5 MG/L
Chemical:	SODIUM		
Sample Collected:	07/10/2007	Findings:	3.6 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/10/2007	Findings:	61. UG/L
Chemical:	ALUMINUM		
Sample Collected:	07/10/2007	Findings:	120. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/10/2007	Findings:	0.78 NTU
Chemical:	TURBIDITY, LABORATORY		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/10/2007	Findings:	10.2
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/01/2008	Findings:	190. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/01/2008	Findings:	7.
Chemical:	PH, LABORATORY		
Sample Collected:	07/01/2008	Findings:	79. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	07/01/2008	Findings:	96. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/01/2008	Findings:	80. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	07/01/2008	Findings:	17. MG/L
Chemical:	CALCIUM		
Sample Collected:	07/01/2008	Findings:	8.8 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/01/2008	Findings:	9.3 MG/L
Chemical:	SODIUM		
Sample Collected:	07/01/2008	Findings:	4.1 MG/L
Chemical:	CHLORIDE		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95482	14	0

Federal EPA Radon Zone for MENDOCINO 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.

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Federal Area Radon Information for Zip Code: 95482

Number of sites tested: 6

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.783 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

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

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.



# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

### STATE RECORDS

#### Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

#### California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

## OTHER STATE DATABASE INFORMATION

#### California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

### RADON

#### State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### OTHER

Airport Landing Facilities: Private and public use landing facilities  
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater  
Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

### STREET AND ADDRESS INFORMATION

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**APPENDIX C**  
**HISTORICAL SANBORN FIRE INSURANCE MAPS**



**Former Ukiah Station**

Leslie Street/Peach Street  
Ukiah, CA 95482

Inquiry Number: 2928092.3

November 23, 2010

## Certified Sanborn® Map Report

# Certified Sanborn® Map Report

11/23/10

**Site Name:**

Former Ukiah Station  
Leslie Street/Peach Street  
Ukiah, CA 95482

**Client Name:**

Weston Solutions, Inc.  
1340 Treat Boulevard  
Walnut Creek, CA 94597



EDR Inquiry # 2928092.3

Contact: Greg Stuesse

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Weston Solutions, Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

## Certified Sanborn Results:

**Site Name:** Former Ukiah Station  
**Address:** Leslie Street/Peach Street  
**City, State, Zip:** Ukiah, CA 95482  
**Cross Street:**  
**P.O. #** NA  
**Project:** Ukiah  
**Certification #** B276-4E95-8242



Sanborn® Library search results  
Certification # B276-4E95-8242

**Maps Provided:**

1960          1888  
1941  
1929  
1911  
1898  
1893

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

- Library of Congress
- University Publications of America
- EDR Private Collection

*The Sanborn Library LLC Since 1866™*

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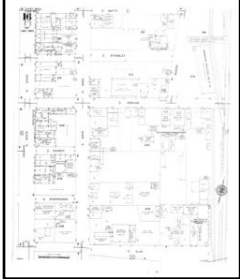
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## Sanborn Sheet Thumbnails

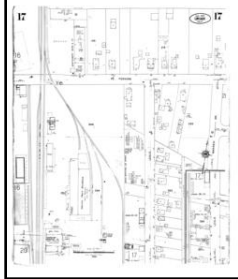
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### 1960 Source Sheets



Volume 1, Sheet 16

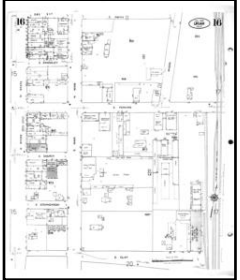


Volume 1, Sheet 17

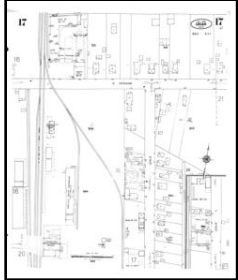


Volume 1, Sheet 20

### 1941 Source Sheets



Volume 1, Sheet 16



Volume 1, Sheet 17

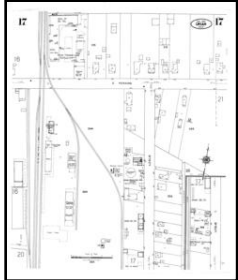


Volume 1, Sheet 20

### 1929 Source Sheets



Volume 1, Sheet 16

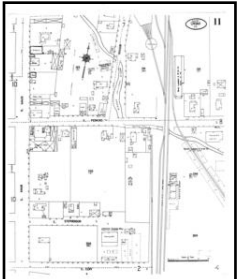


Volume 1, Sheet 17

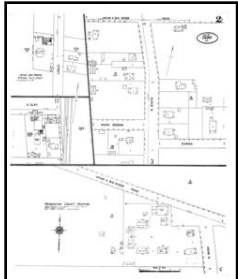


Volume 1, Sheet 20

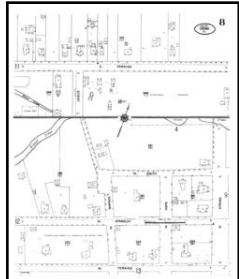
### 1911 Source Sheets



Volume 1, Sheet 11



Volume 1, Sheet 2

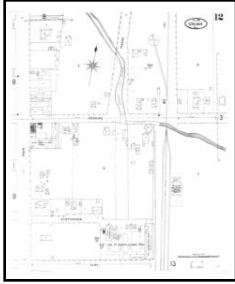


Volume 1, Sheet 8

**1898 Source Sheets**

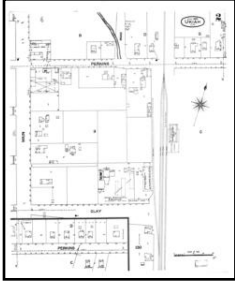


Volume 1, Sheet 3



Volume 1, Sheet 12

**1893 Source Sheets**



Volume 1, Sheet 2

**1888 Source Sheets**



Volume 1, Sheet 2

# 1960 Certified Sanborn Map



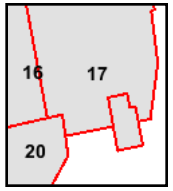
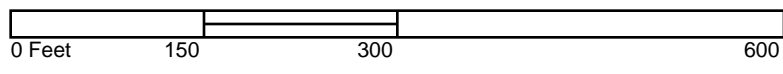
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Certification # B276-4E95-8242

Site Name: Former Ukiah Station  
 Address: Leslie Street/Peach Street  
 City, ST, ZIP: Ukiah CA 95482  
 Client: Weston Solutions, Inc.  
 EDR Inquiry: 2928092.3  
 Order Date: 11/23/2010 9:25:01 AM  
 Certification #: B276-4E95-8242  
 Copyright: 1960



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.

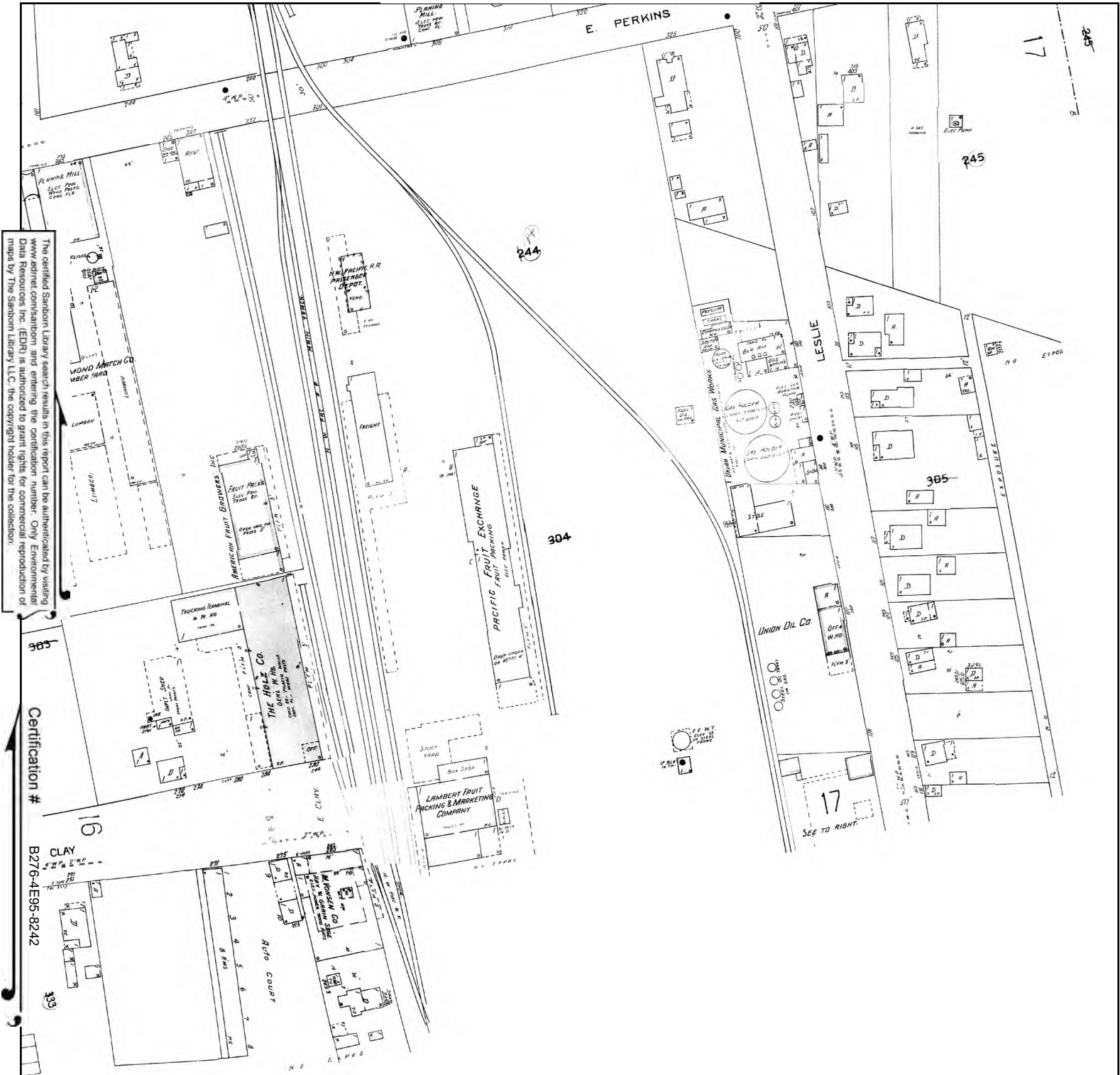


Volume 1, Sheet 16  
 Volume 1, Sheet 17  
 Volume 1, Sheet 20





# 1941 Certified Sanborn Map



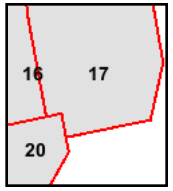
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Certification # B276-4E95-8242

Site Name: Former Ukiah Station  
 Address: Leslie Street/Peach Street  
 City, ST, ZIP: Ukiah CA 95482  
 Client: Weston Solutions, Inc.  
 EDR Inquiry: 2928092.3  
 Order Date: 11/23/2010 9:25:01 AM  
 Certification #: B276-4E95-8242



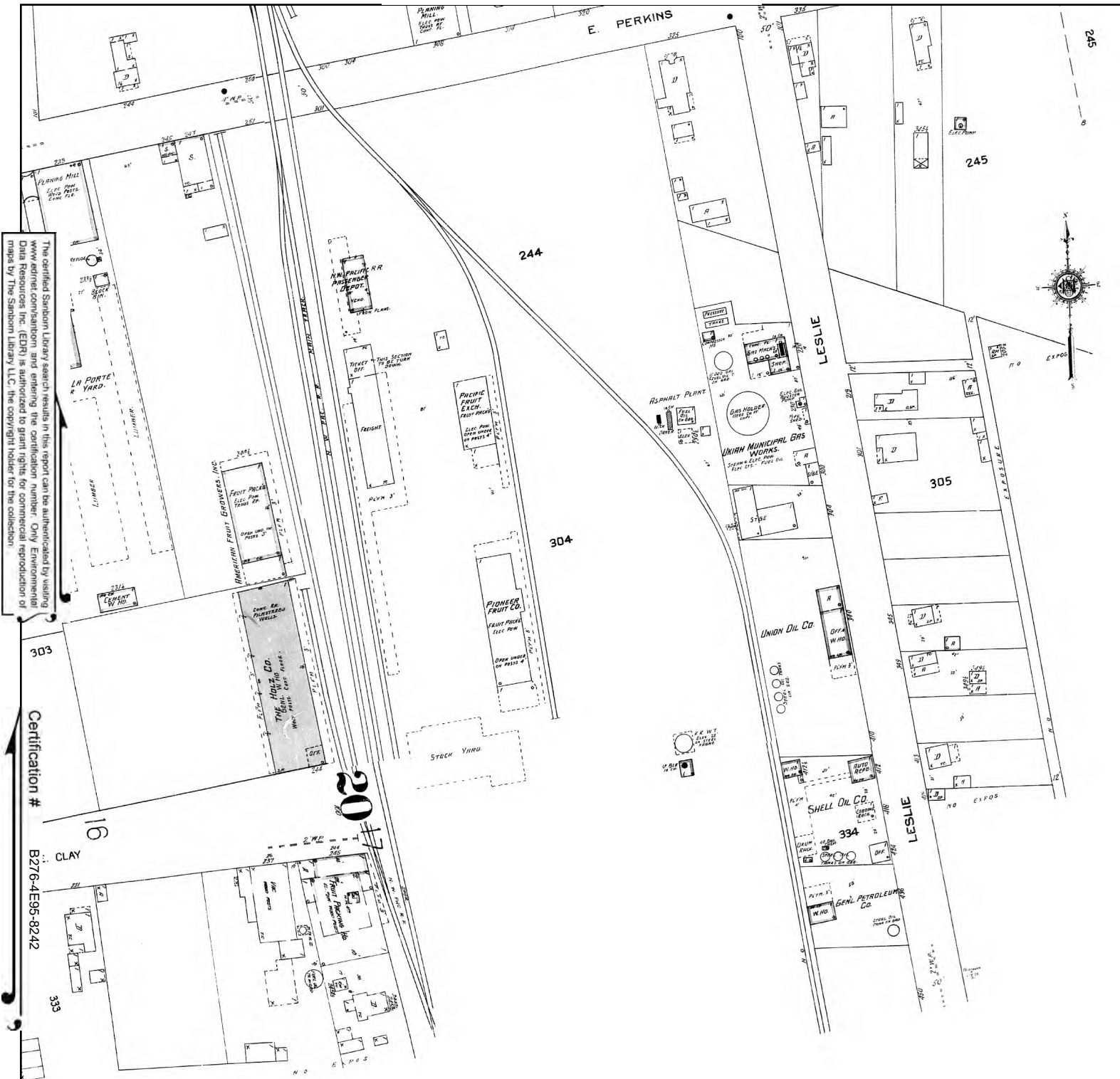
Copyright: 1941  
 This Certified Sanborn Map combines the following sheets.  
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 16  
 Volume 1, Sheet 17  
 Volume 1, Sheet 20



# 1929 Certified Sanborn Map



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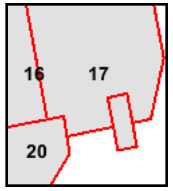
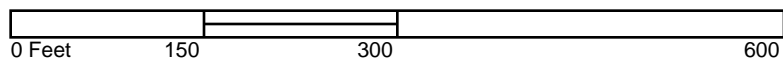
Certification # B276-4E95-8242

Site Name: Former Ukiah Station  
 Address: Leslie Street/Peach Street  
 City, ST, ZIP: Ukiah CA 95482  
 Client: Weston Solutions, Inc.  
 EDR Inquiry: 2928092.3  
 Order Date: 11/23/2010 9:25:01 AM  
 Certification #: B276-4E95-8242



Copyright: 1929

This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.

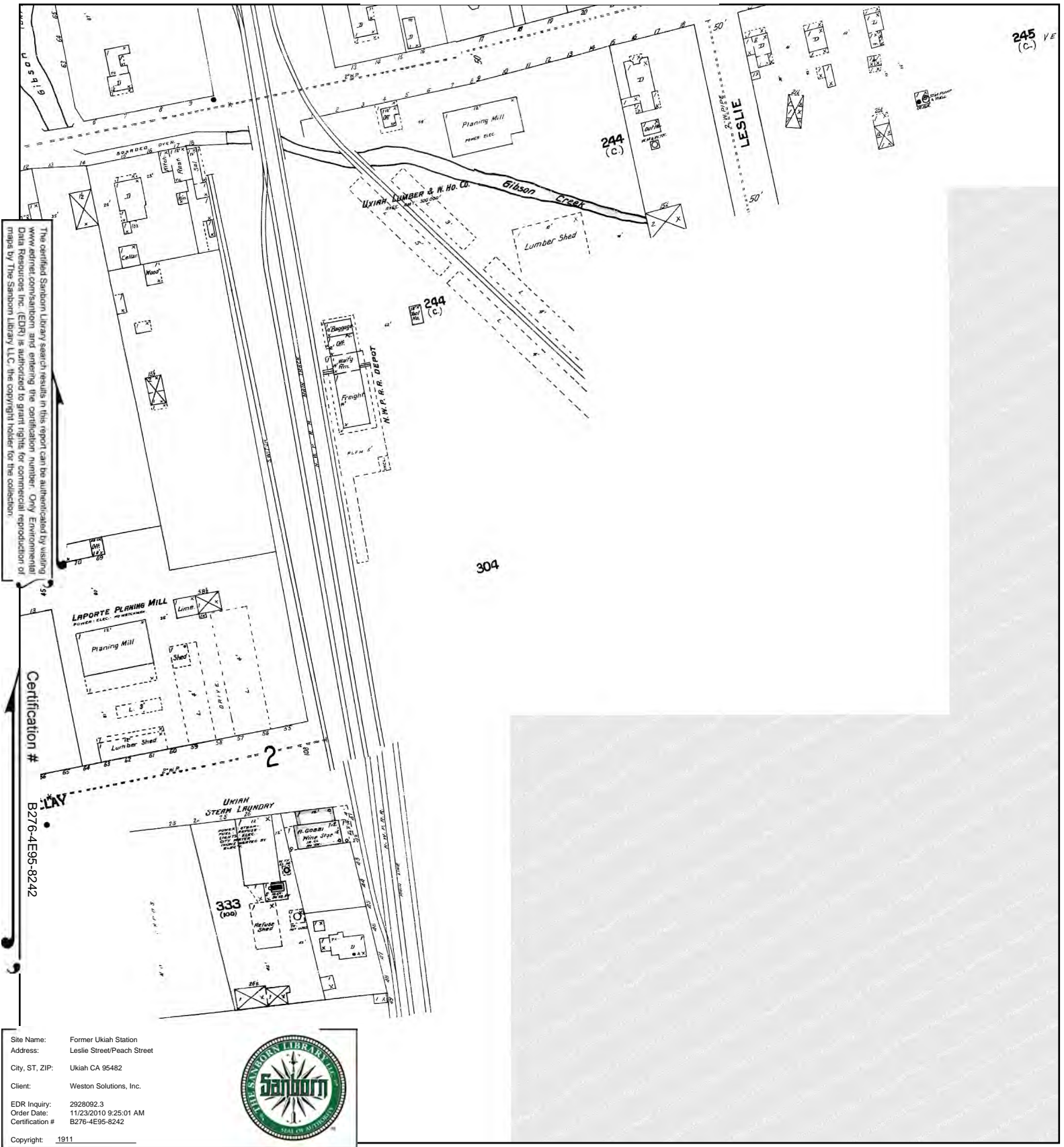


- Volume 1, Sheet 16
- Volume 1, Sheet 17
- Volume 1, Sheet 20





# 1911 Certified Sanborn Map



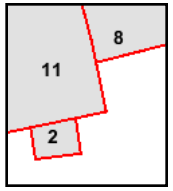
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources, Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # B276-4E95-8242

Site Name: Former Ukiah Station  
 Address: Leslie Street/Peach Street  
 City, ST, ZIP: Ukiah CA 95482  
 Client: Weston Solutions, Inc.  
 EDR Inquiry: 2928092.3  
 Order Date: 11/23/2010 9:25:01 AM  
 Certification #: B276-4E95-8242



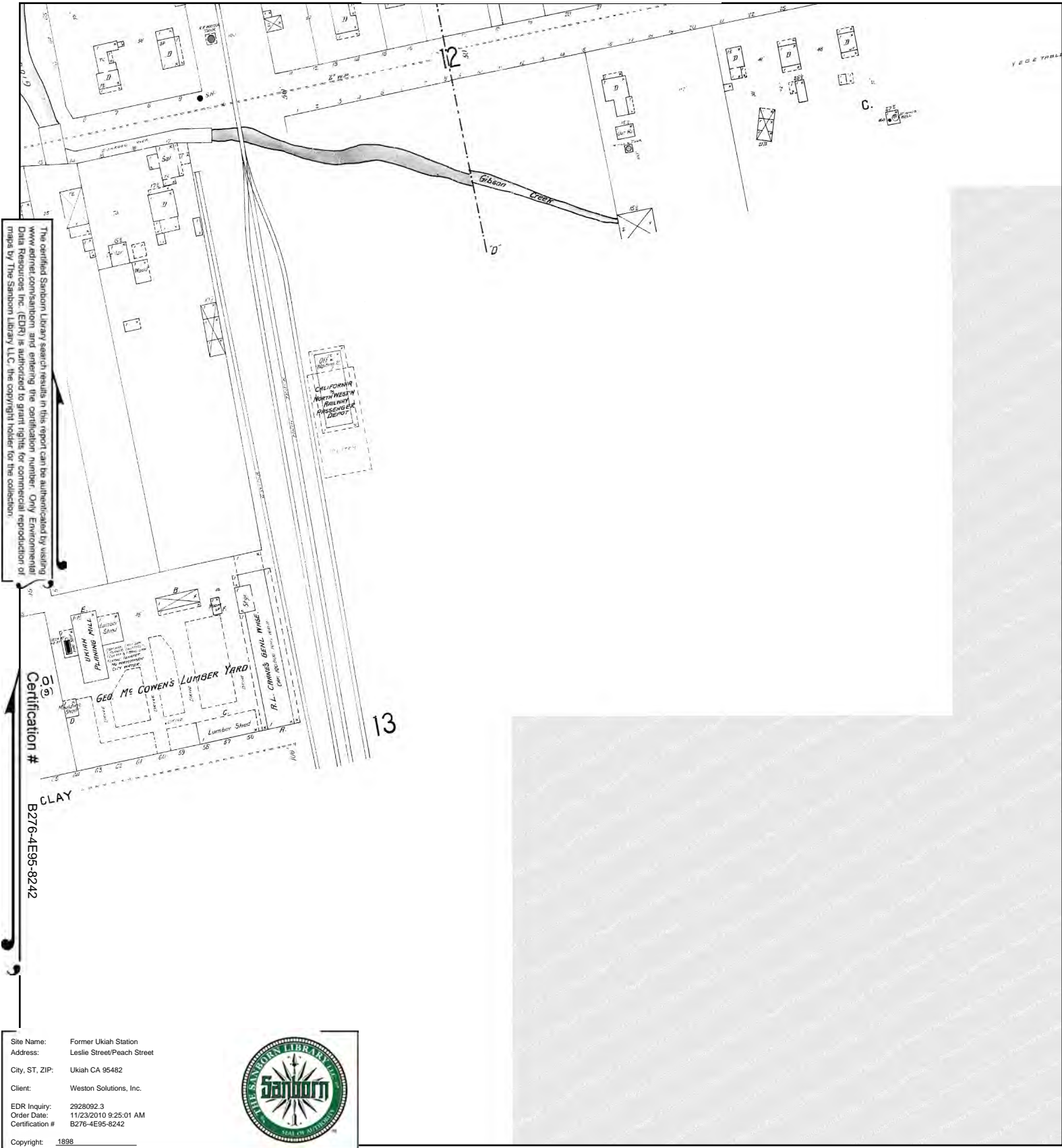
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 1, Sheet 11
- Volume 1, Sheet 2
- Volume 1, Sheet 8



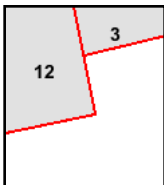
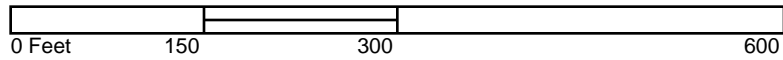
# 1898 Certified Sanborn Map



Site Name: Former Ukiah Station  
 Address: Leslie Street/Peach Street  
 City, ST, ZIP: Ukiah CA 95482  
 Client: Weston Solutions, Inc.  
 EDR Inquiry: 2928092.3  
 Order Date: 11/23/2010 9:25:01 AM  
 Certification #: B276-4E95-8242



This Certified Sanborn Map combines the following sheets.  
 Outlined areas indicate map sheets within the collection.

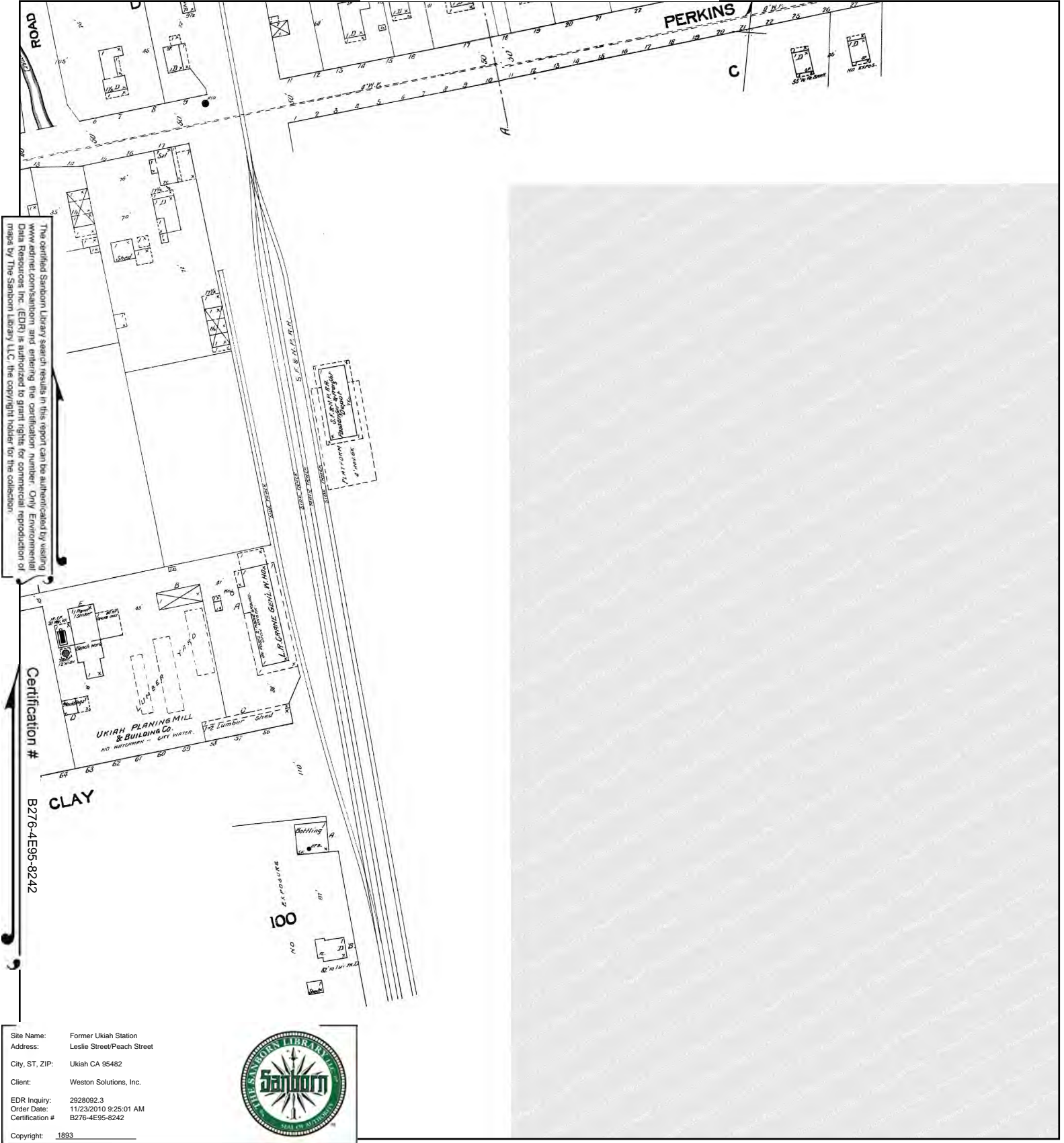


Volume 1, Sheet 3  
 Volume 1, Sheet 12

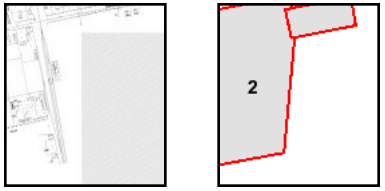


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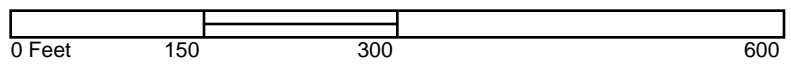
# 1893 Certified Sanborn Map



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.

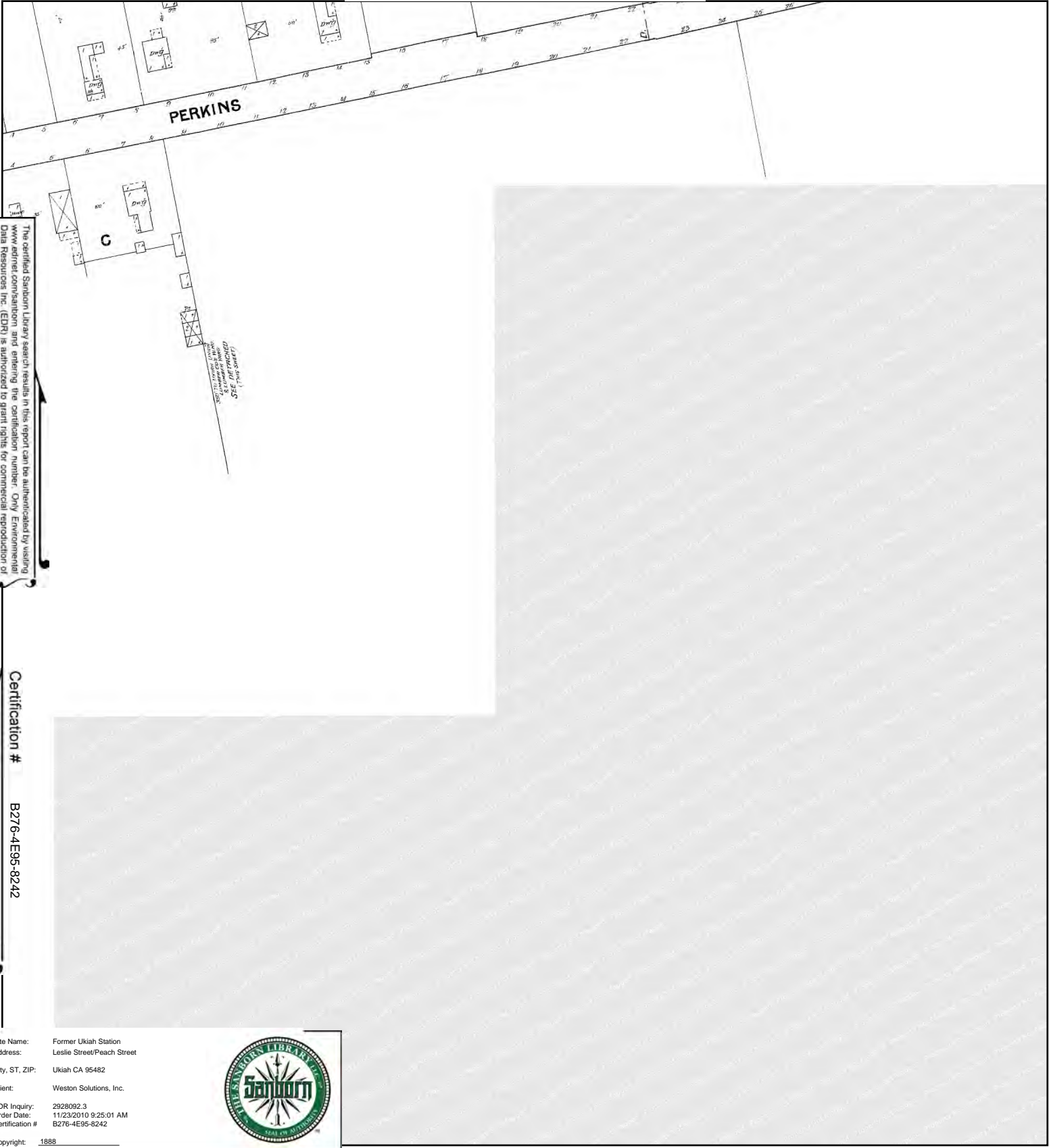


Volume 1, Sheet 2





# 1888 Certified Sanborn Map



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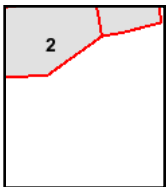
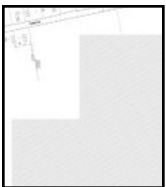
Certification # B276-4E95-8242

Site Name: Former Ukiah Station  
 Address: Leslie Street/Peach Street  
 City, ST, ZIP: Ukiah CA 95482  
 Client: Weston Solutions, Inc.  
 EDR Inquiry: 2928092.3  
 Order Date: 11/23/2010 9:25:01 AM  
 Certification #: B276-4E95-8242

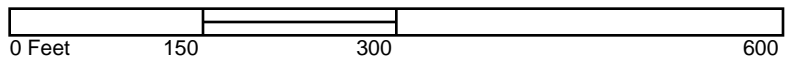


Copyright: 1888

This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 2



**APPENDIX D**  
**HISTORICAL AERIAL PHOTOGRAPHS**



**Former Ukiah Station**

Leslie Street/Peach Street  
Ukiah, CA 95482

Inquiry Number: 2928092.4  
November 29, 2010

## The EDR Aerial Photo Decade Package



# EDR Aerial Photo Decade Package

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

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***Thank you for your business.***

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

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**Date EDR Searched Historical Sources:**

Aerial Photography November 29, 2010

**Target Property:**

Leslie Street/Peach Street

Ukiah, CA 95482

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1957	Aerial Photograph. Scale: 1"=666'	Flight Year: 1957	Cartwright
1963	Aerial Photograph. Scale: 1"=555'	Flight Year: 1963	Cartwright
1974	Aerial Photograph. Scale: 1"=541'	Flight Year: 1974	NASA
1987	Aerial Photograph. Scale: 1"=666'	Flight Year: 1987	USGS
1993	Aerial Photograph. Scale: 1"=666'	Flight Year: 1993	USGS
1998	Aerial Photograph. Scale: 1"=666'	Flight Year: 1998	USGS
2005	Aerial Photograph. Scale: 1"=604'	Flight Year: 2005	EDR





INQUIRY #: 2928092.4

YEAR: 1957

| = 666'







INQUIRY #: 2928092.4

YEAR: 1963

| = 555'







INQUIRY #: 2928092.4

YEAR: 1974

| = 541'







INQUIRY #: 2928092.4

YEAR: 1987

| = 666'







INQUIRY #: 2928092.4

YEAR: 1993

| = 666'







INQUIRY #: 2928092.4

YEAR: 1998

| = 666'







**INQUIRY #:** 2928092.4

**YEAR:** 2005

— = 604'





1963 Aerial Photo  
(Cartwright)





1981 Aerial  
Photo  
(Cartwright)



**APPENDIX E**  
**HISTORICAL USGS TOPOGRAPHIC MAPS**



**Former Ukiah Rail Yard**

East Perkins Street/Leslie Street  
Ukiah, CA 95482

Inquiry Number: 3016833.1

March 18, 2011

# EDR Historical Topographic Map Report



# EDR Historical Topographic Map Report

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

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

## **Disclaimer - Copyright and Trademark Notice**

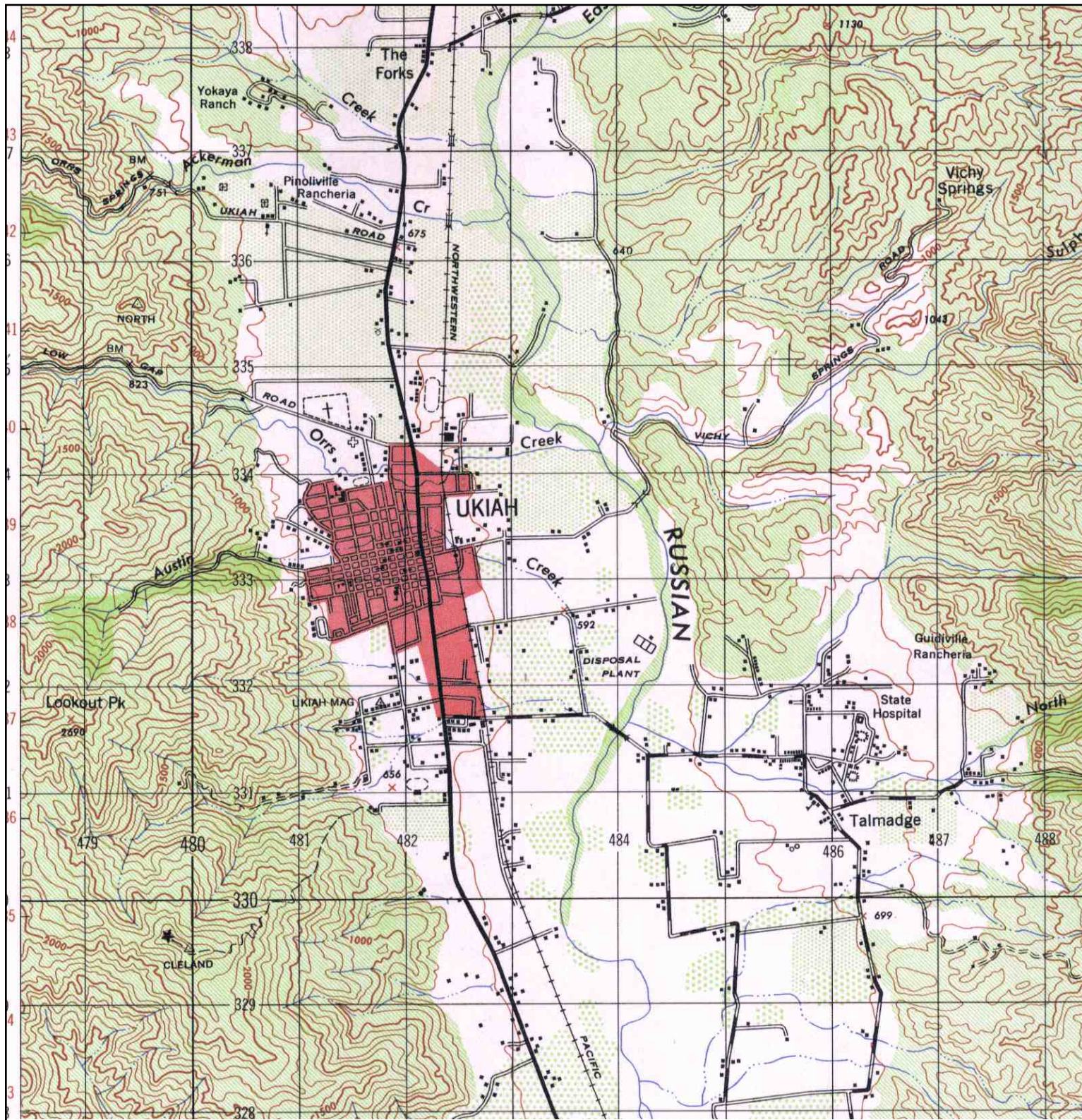
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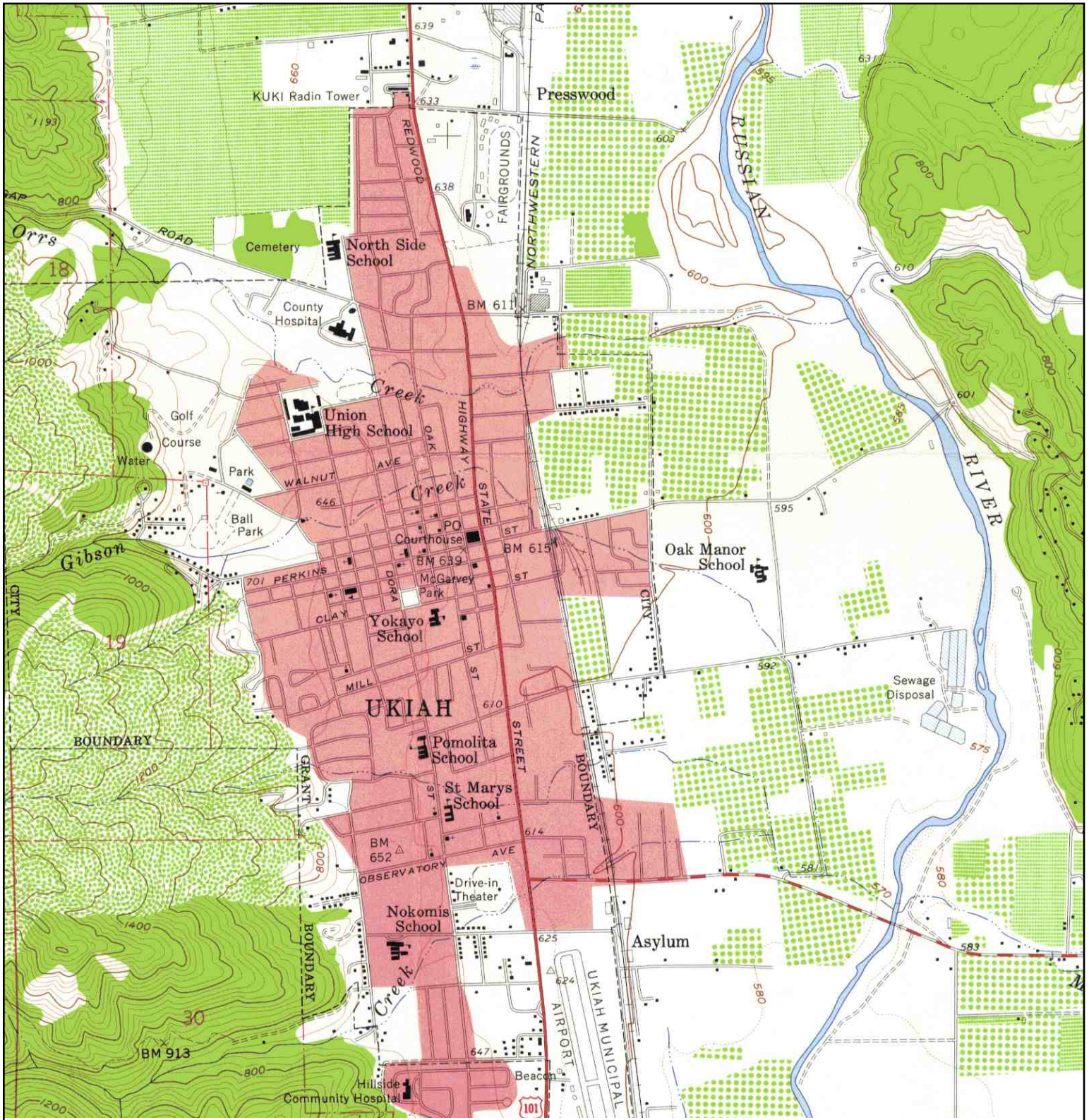
# Historical Topographic Map



	<b>TARGET QUAD</b> NAME: UKIAH MAP YEAR: 1947	SITE NAME: Former Ukiah Rail Yard ADDRESS: East Perkins Street/Leslie Street Ukiah, CA 95482 LAT/LONG: 39.1492 / -123.2031	CLIENT: Weston Solutions, Inc. CONTACT: Brian Reilly INQUIRY#: 3016833.1 RESEARCH DATE: 03/18/2011
	SERIES: 15 SCALE: 1:50000		



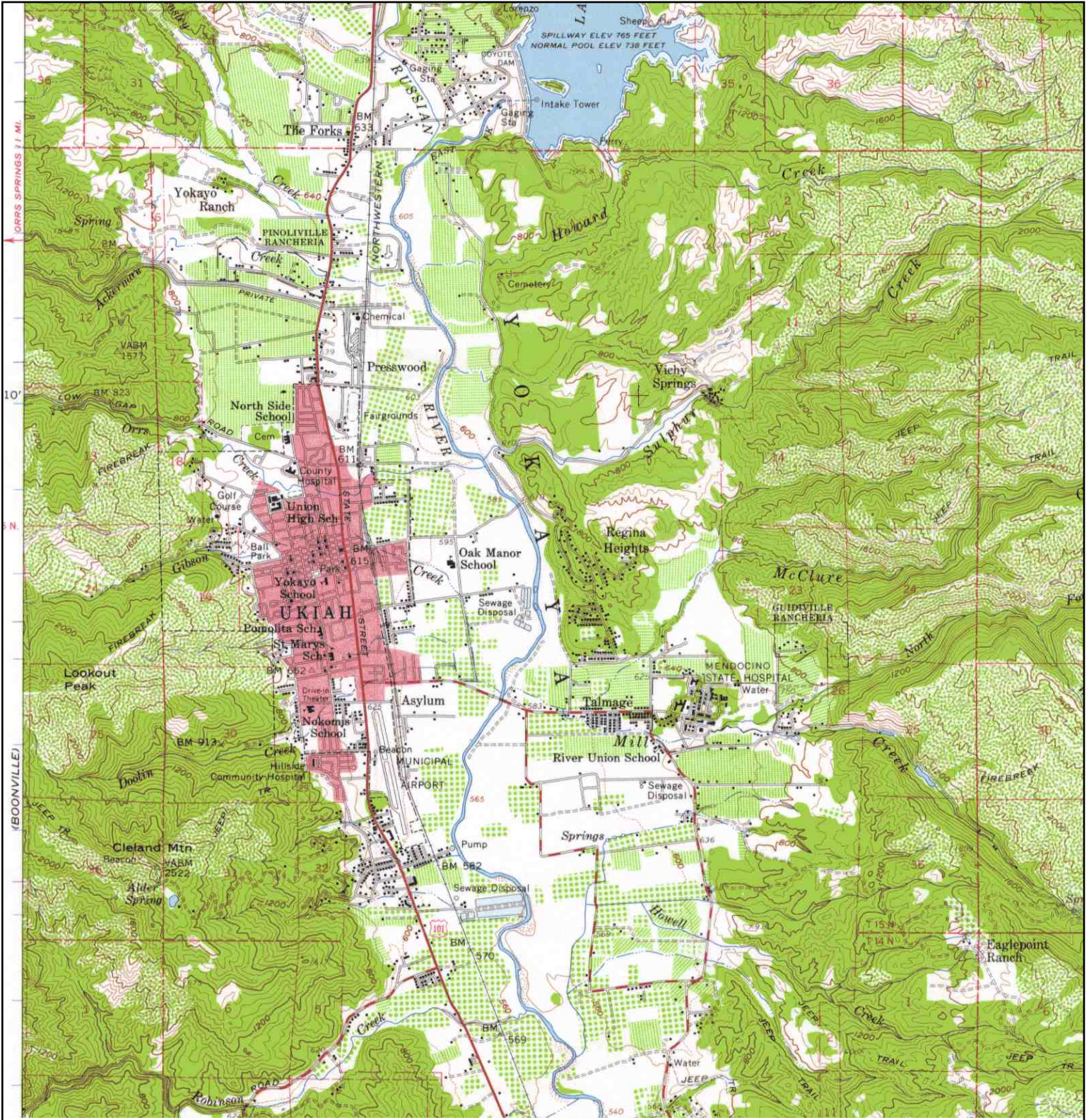
# Historical Topographic Map



<p>N ↑</p>	<p><b>TARGET QUAD</b>                  NAME: UKIAH                  MAP YEAR: 1958</p>	<p><b>SITE NAME:</b> Former Ukiah Rail Yard  <b>ADDRESS:</b> East Perkins Street/Leslie Street                  Ukiah, CA 95482  <b>LAT/LONG:</b> 39.1492 / -123.2031</p>	<p><b>CLIENT:</b> Weston Solutions, Inc.  <b>CONTACT:</b> Brian Reilly  <b>INQUIRY#:</b> 3016833.1  <b>RESEARCH DATE:</b> 03/18/2011</p>
	<p><b>SERIES:</b> 7.5  <b>SCALE:</b> 1:24000</p>		



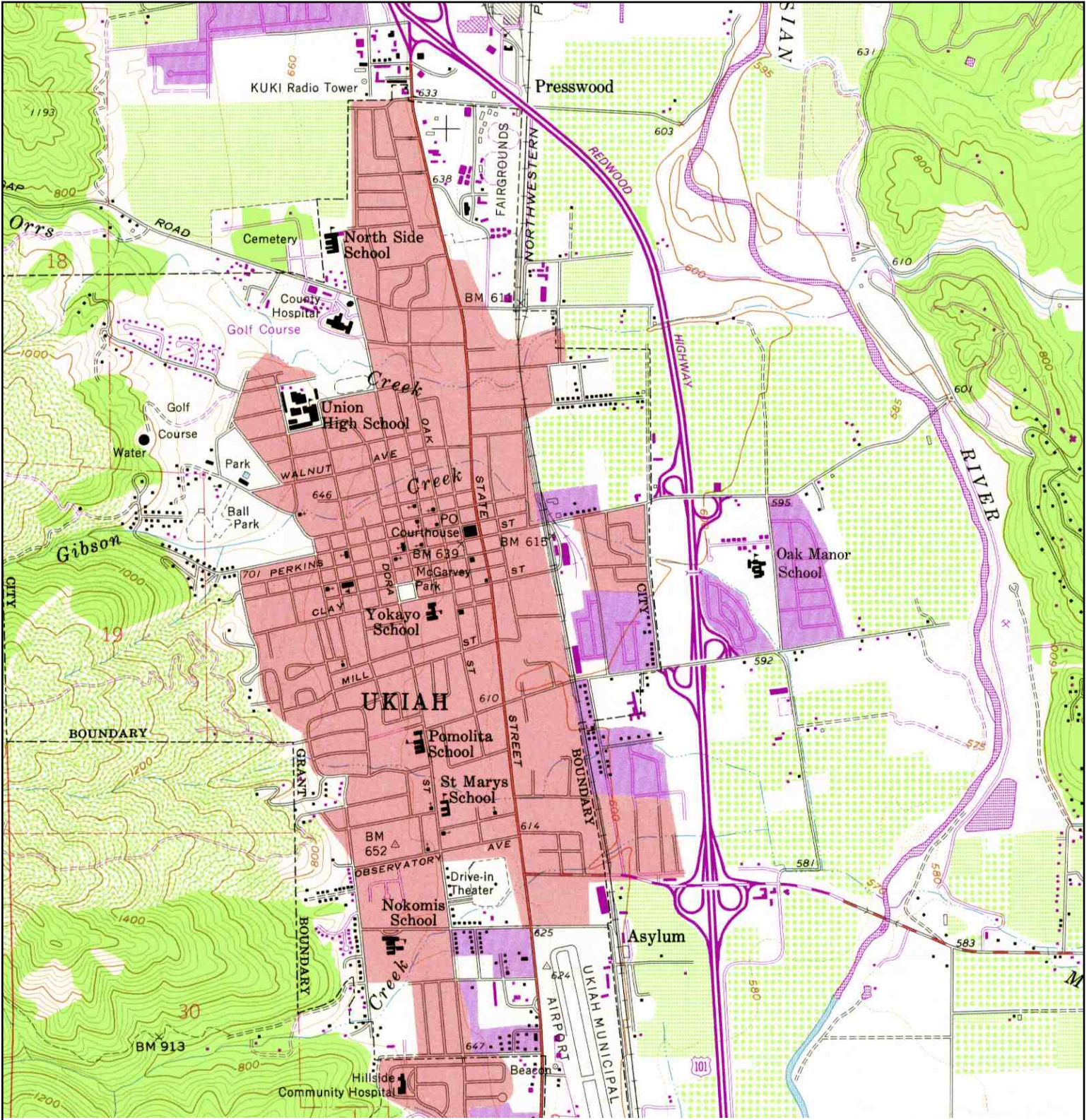
# Historical Topographic Map



<p>N ↑</p>	<p><b>TARGET QUAD</b>                  NAME: UKIAH                  MAP YEAR: 1958</p>	<p><b>SITE NAME:</b> Former Ukiah Rail Yard  <b>ADDRESS:</b> East Perkins Street/Leslie Street                  Ukiah, CA 95482  <b>LAT/LONG:</b> 39.1492 / -123.2031</p>	<p><b>CLIENT:</b> Weston Solutions, Inc.  <b>CONTACT:</b> Brian Reilly  <b>INQUIRY#:</b> 3016833.1  <b>RESEARCH DATE:</b> 03/18/2011</p>
	<p><b>SERIES:</b> 15  <b>SCALE:</b> 1:62500</p>		



# Historical Topographic Map



<p>N ↑</p>	TARGET QUAD	SITE NAME:	Former Ukiah Rail Yard	CLIENT:	Weston Solutions, Inc.
	NAME: UKIAH	ADDRESS:	East Perkins Street/Lealie Street	CONTACT:	Brian Reilly
	MAP YEAR: 1975	LAT/LONG:	39.1492 / -123.2031	INQUIRY#:	3016833.1
	PHOTOREVISED: 1958			RESEARCH DATE:	03/18/2011
	SERIES: 7.5				
	SCALE: 1:24000				

**APPENDIX F**

**MENDOCINO COUNTY HISTORICAL SOCIETY DOCUMENTS**

## DISPATCH DEMOCRAT

APRIL 7, 1905

**A BIG OIL TANK.** Thirteen boiler makers came up from Los Angeles this week and are at work on a big oil tank for the C. N. W. R'y. Co. The tank is being erected just north of the roundhouse and is to be 20 feet from the ground. It is 40 feet in diameter and 20 feet high and will hold 5000 barrels of 42 gallons each or 210,000 gallons of oil. The work will be completed in about ten days. The C. N. W. R'y. Co. are installing oil burners in their locomotives and will burn oil instead of wood and coal. A side track is being run out to the oil tank, so that the oil can be secured easily.



DISPATCH DEMOCRAT July 26, 1918

Pg.1, Col.3

NEW ROUNDHOUSE TO BE CONSTRUCTED SOON

A gang of workmen is busy tearing down the old roundhouse near the local depot and a bigger new roundhouse will be erected southeast of the depot. It is rumored that the site of the old roundhouse will be taken by Ukiah's new depot, when the latter is finally built.

July 26, 1918

1/194

Parcel No. \_\_\_\_\_

DATA SHEET  
CITY OF UKIAH HISTORICAL/ARCHITECTURAL SURVEY

Current Owner: NW PACIFIC R.R. Original Site? YES

Address: 305 E. PERKIN

Date of Construction: Est: \_\_\_\_\_ Factual: 1928 Source: UKIAH REP. PRESS

Architect: IRA C. BOSS Builder: IRA C. BOSS

First Owner and/or most important owner: NORTHWESTERN PACIFIC  
RAILROAD DEPOT

Persons associated with property and their importance:

In 1889, the railroad line finally reached Ukiah. Almost immediately it became a very popular means of transportation for passengers, as well as freight.

With several trains coming to Ukiah each day, the town began to grow and prosper. Special excursion trains transported several hundred people at a time to the Ukiah area, keeping the hotels and restaurants very busy.

By 1928 the old depot had become just too small to handle the large amount of passengers and freight, and a new and modern depot had to be built.

A short time after, Edward H. Maggard president of the Northwestern Pacific Railroad Company, announced plans to build a new passenger depot in Ukiah.

Ira C. Boss was the contractor and architect on the new brick depot. In 1929 it was completed and opened to the public.

The building has remained basically unchanged since it was built.

The Northwestern Pacific Railroad still owns the depot and property.

Resources:

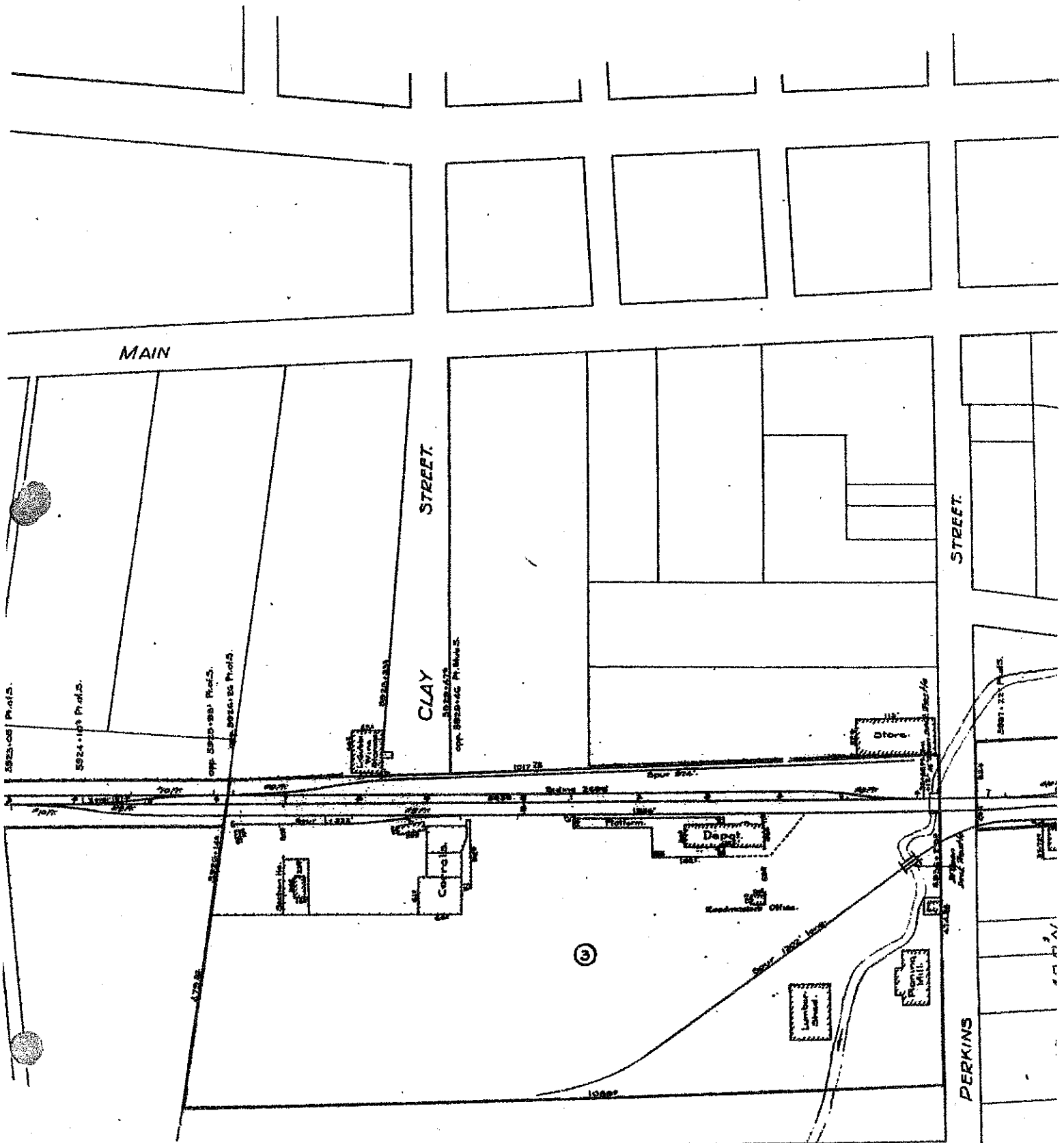
Ukiah Republican Press, Sept. 26, 1928, Pg. 1, Col. 2.  
Ukiah Republican Press, March 20, 1929, Pg. 1, Col. 5

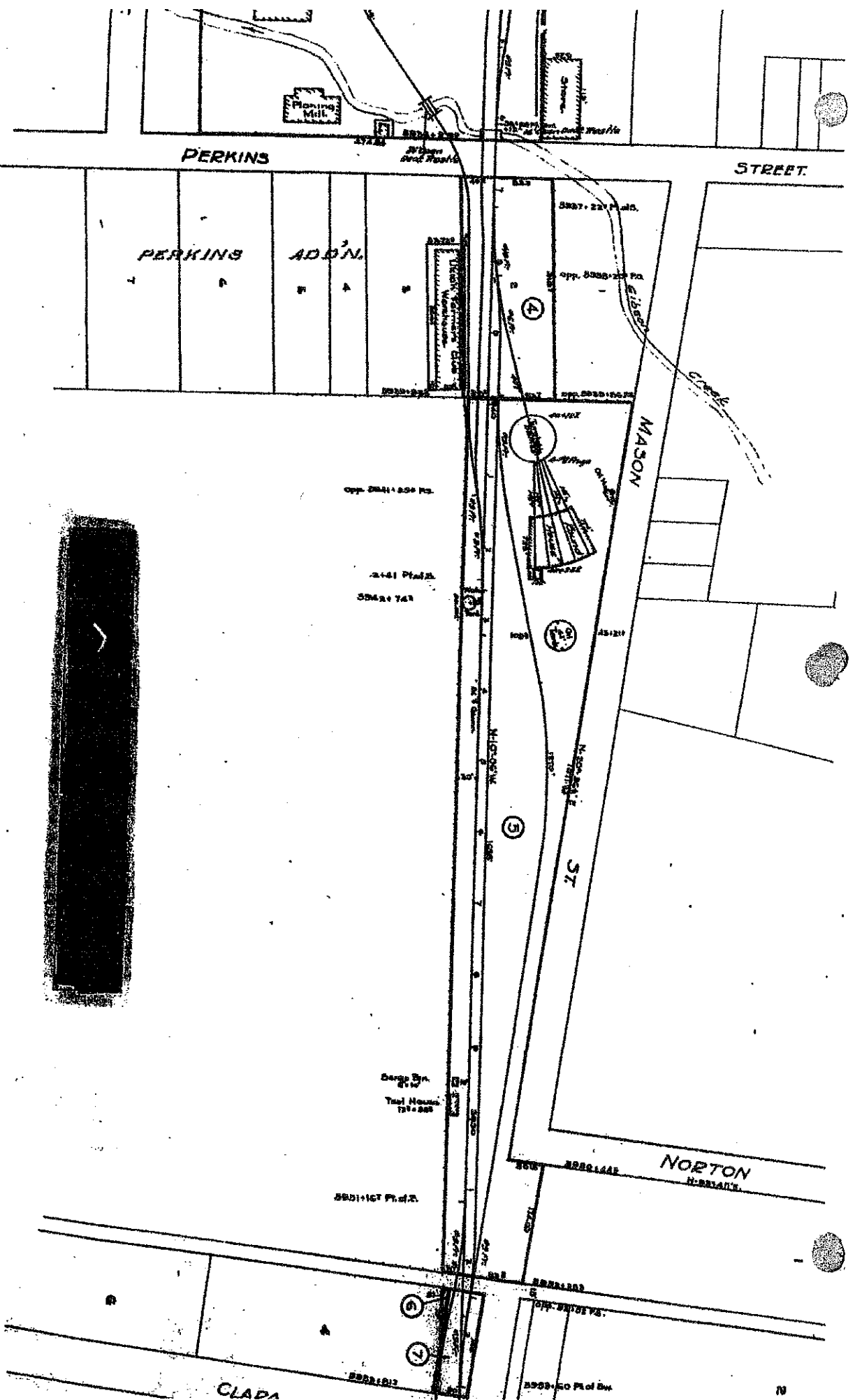
NORTHWESTERN PACIFIC RAILROAD CO

UKIAH

RANCHO YOKAYO  
MENDOCINO COUNTY, CALIF.

Scale 1 Inch = 100 Feet.





REF. NO.	DEED NO.	DATE OF DEED	GRANTOR	GRANTEE	ACRES	REMARKS
1	543	Apr. 16, 1890	ACCORDANT	CLAWSON & WRIGHT ETC.	1.45	
2	543	Apr. 16, 1890	ACCORDANT	CLAWSON & WRIGHT ETC.	1.45	
3	543	Apr. 16, 1890	ACCORDANT	CLAWSON & WRIGHT ETC.	1.45	
4	547	Oct. 19, 1897	James D. Perkins (for his wife Mary)		1.147	
5	547	Oct. 19, 1897	James D. Perkins		0.98	
6	547	Oct. 19, 1897	James D. Perkins		0.98	
7	548	Mar. 15, 1899	W. A. Bunker	California Northwestern Ry. Co.	4.89	
8	548	Mar. 15, 1899	W. A. Bunker	California Northwestern Ry. Co.	0.15	
9	548	Mar. 15, 1899	W. A. Bunker	California Northwestern Ry. Co.	0.15	
10	548	Mar. 15, 1899	W. A. Bunker	California Northwestern Ry. Co.	0.15	
11	548	Mar. 15, 1899	W. A. Bunker	California Northwestern Ry. Co.	0.15	
12	548	Mar. 15, 1899	W. A. Bunker	California Northwestern Ry. Co.	0.15	

22



**WESTERN TITLE INSURANCE COMPANY**

101 NORTH STATE STREET • UKIAH, CA 95482 • [707] 462-4781

32600 HIGHWAY 20, SUITE F  
FORT BRAGG, CA 95437  
[707] 964-4726



1454 SOUTH MAIN STREET  
WILLITS, CA 95490  
[707] 459-6221

11 ACRES conveyed  
to R.R. lot 32 YRHS  
Depot area.

14 apr. 1888

BK 43 deeds  
Pg. 420

MORE THAN A CENTURY OF TITLE SERVICE

LAPORTE'S  
PLANING MILL &  
LUMBER YARD.

AVE. AMOUNT 100.  
NO WATCHMAN

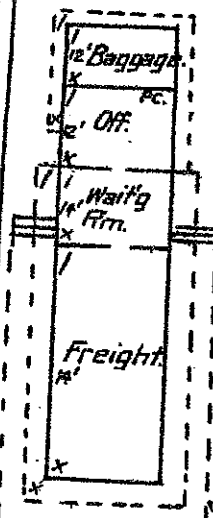
305 E. Perkins  
1911 Sanborn Map  
Bldg. demolished

18' x  
Foot  
No.

244  
(C.)

(24-244)

62'



N. W. P. R. R. DEPOT

N. W. P. R. R. MAIN TRACK

SWING

PLFM. 5'

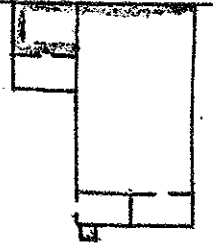
304

(old depot used for freight  
this was made for freight)

16

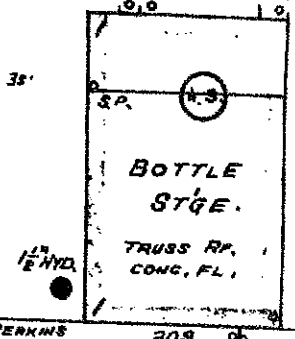
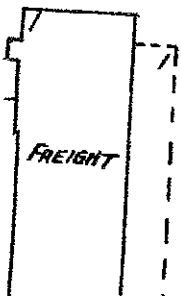
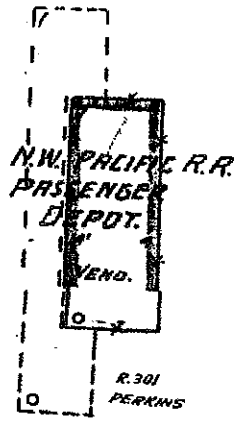
28

12" W. B.



N. W. PAC. R. R. MAIN TRACK.

E. PERKINS 301



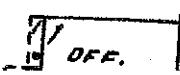
304 PERKINS

308

374

305 E. Perkins  
1929 Sanborn Map

244



Northwestern Pacific Railroad Company Has Approved  
the Plans for the New Passenger Depot in Ukiah

Sketch of Passenger Depot

President Edward H. Meggard, of the Northwestern Pacific Railroad Company is fulfilling his promise to the people of Ukiah by providing this city with station facilities of which it may well be proud. The plans and layout of the station have been approved by the transportation committee of the Chamber of Commerce and by the California Railroad Commission. Bids have been asked of reliable contractors and as soon as these have been received and analyzed a contract will be signed and work commence. The new passenger station is to occupy the portion of the station reservation lying between the present depot and Perkins street.

#### To Be Of Brick

The passenger depot itself will be of pressed brick, 58 x 23 feet, about which will be a collonade 104 feet in length. The columns of the collonade will be of concrete which material will also be used for the pavement. There will be settees in the collonade which may be used during good weather.

#### The Various Conveniences

The main waiting room 22 feet square will occupy the center of the passenger station off of which will open a tastily furnished womens' waiting room, 13 x 14 feet. A lavatory will be adjacent to this. The men's lavatory will open off of the waiting room and there will be a telephone booth for the convenience of the passengers.

The agents office 19 x 22 feet will occupy the opposite end of the passenger station. Flower beds will be placed at the sides and rear of the depot.

#### Separate Freight House

The freight station will be connected with the passenger station by a concrete walk. The freight house proper will be 120 feet long and 30 feet wide. At the north end will be the baggage and express room, while a wide platform will surround it.

#### Much Platform Space

A feature of the new station plan is that a concrete platform 9 feet in width will extend from Perkins street for more than 600 feet. This is in addition to the station building and freight house.

(Con't. Sept. 26, 1928)

Kept His Promise

As will be noted from the sketch accompanying this article, the improvements being provided by the Northwestern Pacific are of a very high order and will add to the attractiveness of the city, and for this the citizens of the community extend their thanks to Pres. Edward H. Maggard, of the railroad company and the progressive management of which he is the head.

DISPATCH DEMOCRAT Saturday March 2, 1929 Pg. 1, Col. 2

### DEPOT FORCE MOVES INTO NEW QUARTERS

The local office force of the Northwestern Pacific Railroad has moved into the handsome new depot. The quarters formerly occupied as waiting rooms and ticket office is now being wrecked and a wide concrete walk will cover the site and connect the new depot and the freight building. The north end of the freight building is being remodeled and will be used for a baggage room.

A concrete sidewalk has been built between the inner and outer tracks and extends from Perkins to Church street.

UKIAH REPUBLICAN PRESS March 12, 1930 Pg. 10, Col. 3

NEW TURNTABLE WILL BE BUILT IN YARDS

In connection with the announcement made recently by officials of the Northwestern Pacific Railroad gas cars would shortly be operated on the run between this city and Sausalito a crew of workmen will arrive here the first of the week to begin the installation of a new eighty foot all steel turntable at the Ukiah depot, according to H. R. Paul, local agent for the Northwestern Pacific Railroad here.

SANTA ROSA PRESS DEMOCRAT DEC. 7, 1994

## Teen booked in fires

P.D.

12-7-94

UTAH — A 17-year-old boy suspected of setting two deliberate fires near the train tracks that cut through town was booked the juvenile hall for violation of arson and protection violation, authorities said.

The unnamed minor was arrested Monday evening after fire broke out at a railroad storage shed near the Utah Train Station on Perkins Street, police said.

Investigation subsequently linked the boy to a suspicious fire at the Utah Recycling Center, police said.

Monday's fire, found shortly before 7 p.m., was a small event that was potentially hazardous because of a 55-gallon drum of petroleum oil located inside the shed, said Sgt. Randall, operations chief for the Utah Fire Department.

Heat from the fire had forced open the lid of the drum, and authorities feared toxic contents might be released Tuesday morning and the oil did not contain hazardous materials called PCBs, he said.

A small trash bin was set at the recycling center not 200 yards away, Randall said.



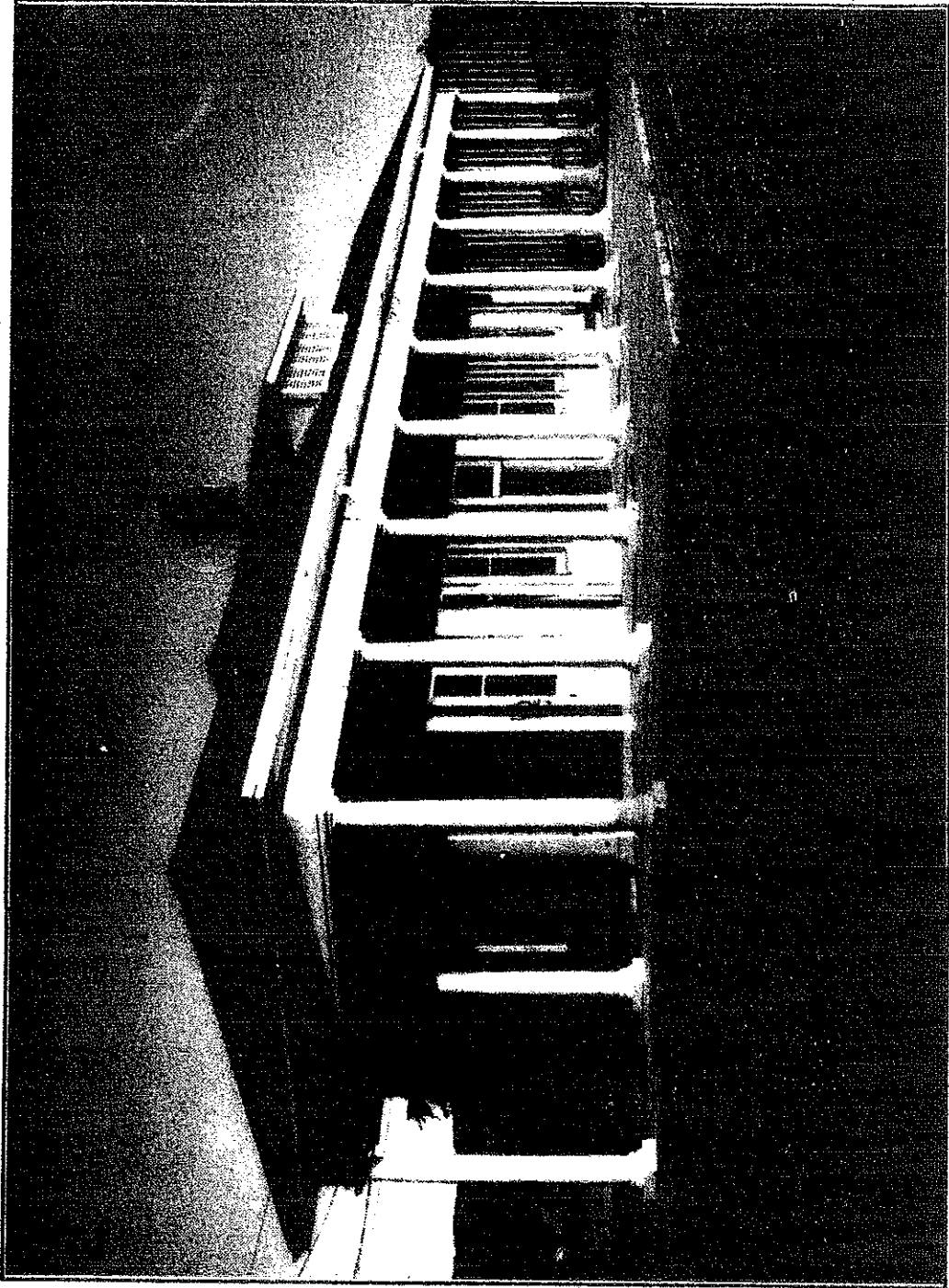
# Will Train Depot Make a Comeback?

Completion of Ukiah's Downtown Plaza marks the transformation of a once relatively lifeless part of the City into a vital and beautiful community asset. A coalition of interests is also looking at another underutilized area and working imaginatively toward renewing it as well.

The focus of this vision and cooperative effort is the old train depot beside the railroad tracks just south of East Perkins Street--and the approximately 12 acres of mostly unused property that adjoin it.

Dreams of restoring the depot and trackside land have long seemed like futile exercises in nostalgia, since the railroad line itself throughout the region has been in dwindling use over many years. However, creation of the joint-powers public agency called the North Coast Railway Authority (NCRA), and its purchases and consolidation of railroad property all along the corridor from Marin County to Eureka, have made those dreams a possibility.

With NCRA as owner, there's certain to be much more concern



(Community Spring 1996 Con't.)

about and attention given to public

benefit from rail operations than has been the case under private ownership. Consequently, the potential not only for increased freight shipments by rail from North Coast industries, but also for tourist excursion businesses and even commuter trains, is growing.

City Councilmember Sheridan Malone is representing Ukiah on a recently formed committee that's trying to promote interest, commitment and investment in the old depot and adjacent land. The Greater Ukiah Chamber of Commerce, Mendocino Transit Authority, County of Mendocino, individual businesspeople, and other interested parties are also on the committee; together they're beginning to plan for a community-based proposal for development of the site. One such idea would be that the land would serve as a transportation hub for MTA, taxi, Greyhound and Airporter and rail as well as some combination of retail, tourist, recreational and/or cultural facilities and attractions.

In addition to NCRA's financial resources, which are dedicated to the rail line itself, Malone says money for development of property is obtainable from a variety of sources, such as state and federal transportation planning funds, and that these are likely to serve as "seed money" that draws private investment.

Among numerous possibilities, Malone envisions restoration of the creek that flows across the property as an environmentally conscious component of development; and he'd like to see an attractive walkway created to link the depot via East Clay Street with the City-owned Sun House and Grace Hudson Museum.

Clearly, this project is in a preliminary stage; at the very least, however, it represents a creative, long-term effort to revitalize and beautify Ukiah and to boost the regional economy around it.

UKIAH CITY COUNCIL

# 50-year depot lease



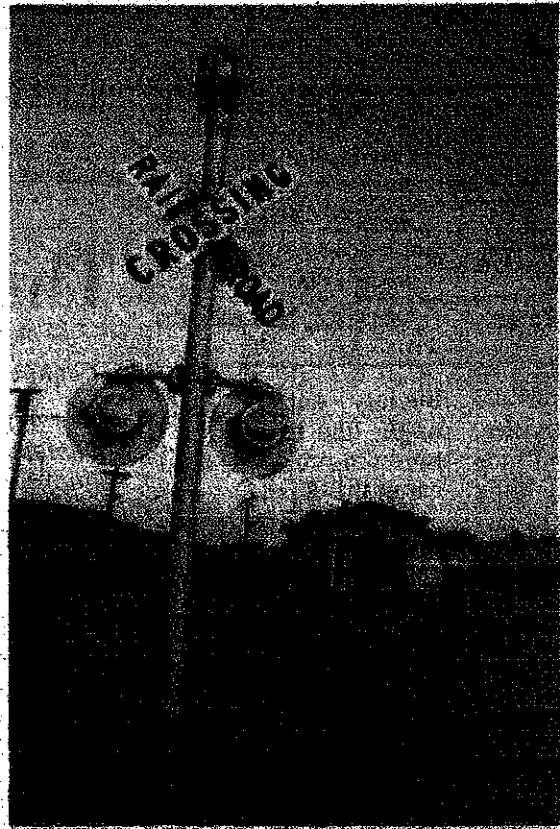
*Sarah Baldik/The Daily Journal*

**The Ukiah train depot is currently surrounded by a fence and in disrepair. Renovation of the historic structure to its original condition is planned in the coming months.**

## City plans to renovate East Perkins St. depot

**By K.C. MEADOWS**  
*The Daily Journal*

The Ukiah City Council this week put the final touches on its plan to rehabilitate the Ukiah train depot on East Perkins Street.



The council approved a lease contract with the North Coast Railroad Authority which gives the city a 50-year lease on the depot for a dollar a year, with an option for another 20 years.

In return, the city will use highway and redevelopment funds to bring back the depot to its original 1929 condition.

The city has awarded a contract to Cupples Construction for \$389,000. About two thirds will come from federal highway fund grants funneled through Caltrans and about one third - \$106,000 - will come from the city's redevelopment funding.

Local planning commissioner and Ukiah historian Judy Pruden says the city got the original plans and drawings for the 1929 depot from the Held-Poage Research Library so the current architects, Garavaglia Architecture Inc. out of the Bay Area, can see precisely how the depot looked.

The transportation grants require the city to rebuild the depot exactly to historical specifications.

*See DEPOT, Page 2*

**APPENDIX G**

**GEOMATRIX AND EBA ENVIRONMENTAL REPORTS**



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## RESULTS OF SOIL AND GROUNDWATER SAMPLING

Ukiah, California

RWQCB  
NORTH COAST  
REGION

JUL 30 '99

- LM     RK
- CJ
- FR     KD
- RT     PG
- JH     JS
- ~~SW~~     ALL STAFF
- TD     BOARD
- ~~KSA~~

*Prepared for:*

**Union Pacific Railroad Company**  
49 Stevenson Street, 15<sup>th</sup> Floor  
San Francisco, California 94105

July 1999

Project No. 2770.10

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**Geomatrix Consultants**

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## **RESULTS OF SOIL AND GROUNDWATER SAMPLING**

Union Pacific Railroad Company

Former Ukiah Station

Perkins Street

Ukiah, California

### **1.0 INTRODUCTION**

On behalf of Union Pacific Railroad Company (UPRR, formerly Southern Pacific Transportation Company, SPTCo), Geomatrix Consultants, Inc. (Geomatrix), prepared this report to document soil and groundwater sampling that was performed at the former Ukiah Station property in Ukiah, California (Figure 1). The site consists of two parcels, approximately 11 acres located south of Perkins Street (Figure 2A) and approximately 5 acres north of Perkins Street (Figure 2B). The site is included in a sale of the Northwestern Pacific Railroad (NWPRR) corridor from UPRR to the Northwestern Pacific Taskforce (NWP Taskforce, currently the North Coast Railroad Authority [NCRA]). For purposes of the transaction, the site was divided into two areas: an option property (northwestern and southeastern portion of the property) that primarily consisted of the former maintenance and fueling areas of the site, which was not included in the initial transaction, and the remaining station (sale) property. These areas are defined on Figures 2A and 2B. For the purpose of this report, both sections comprise "the site."

The soil and grab groundwater sampling program was designed to meet the transactional requirements of the property transfer as well as address the December 15, 1998 request of the Regional Water Quality Control Board, North Coast Region (RWQCB) for environmental investigation of the former railroad station property.

### **2.0 BACKGROUND**

#### **2.1 SITE SETTING**

The site is located in a primarily commercial area of Ukiah. The rail lines on both portions of the sale and option properties of the site are currently inactive. The northern parcel of the site is currently vacant, and bordered on the west and east by warehouse and light industrial facilities. The southern parcel of the site is currently vacant with the exception of the Baker Beverage Distributor (former freight station), and a small garage used by a logging and trucking company (in the Logging Company Stockyard, Figure 2A). The southern parcel of the

site is bordered on the west by a restaurant, retail facilities, and residential areas, and to the east by an automotive service center (Earl's Auto), a recycling and salvage yard, and vacant lots formerly containing facilities for the General Petroleum Corporation, Shell Oil of California, and Union Oil of California (Geomatrix, 1999).

## 2.2 SITE HISTORY

In 1992, Geomatrix performed a Phase I investigation for the site on behalf of the NWP Taskforce and SPTCo as part of the due diligence program prior to the sale of the railroad corridor to the NWP Taskforce. This investigation identified historical use of the site as a water, fueling, and maintenance station. Specific features associated with these activities included two roundhouses and turntables, two oil tanks, an oil pump house, soil columns, sumps, and a gasoline underground storage tank (UST). Additionally, a tank platform was present near the center of the site just south of Perkins Street (Figures 2A and 2B). The service dates of all of the features are not known from the records reviewed by Geomatrix<sup>1</sup>; except that the SPTCo structure record index indicated that many of the site features were constructed around 1919. It is known; however, from a historical record by F.A. Stindt<sup>2</sup>, that the five-stall roundhouse in the northern portion of the site was constructed in 1889 and dismantled in 1942. The operation dates for the two-install roundhouse in the southern portion of the site were not recorded.

Our 1992 review of publicly-documented environmental cases indicated that an auto and tire facility (Earl's Auto and Tire/Dave Zedrick, Inc.) was located immediately adjacent to, and east of the site (Figure 2A) and that a monitoring well (MW-8) was installed on-site, presumably associated with the environmental investigation of the auto and tire facility. Regulatory file information about the facility indicated that tetrachloroethene (PCE) was detected in samples collected from monitoring well MW-8 (at concentrations up to 41 micrograms per liter [ $\mu\text{g}/\text{l}$ ]) and in off-site monitoring wells associated with the auto facility site (at concentrations up to 42  $\mu\text{g}/\text{l}$ ). Reports for this facility also indicate that groundwater occurs between 3 and 15 feet below ground surface (bgs) and that groundwater flow direction is towards the southeast.

In 1995, Phase II and III soil sampling on the sale portion of the site was performed to evaluate whether a significant environmental impact to soil had occurred due to the proximity of the former maintenance and fueling operations, and from potential chemical usage and handling

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<sup>1</sup> Geomatrix reviewed SPTCo valuation maps and structure record indexes, Sanborn maps, historical aerial photographs, when available, and books about the historical operation of the NWPRR.

that may have occurred throughout the subject property (Geomatrix, 1999). Elevated concentrations of lead and zinc relative to a project screening criteria<sup>3</sup> were identified in shallow soil of one area of the sale property (at maximum concentrations of 460 and 680 milligrams per kilogram (mg/kg), respectively, for lead and zinc). However, concentrations of lead and zinc detected at the site decreased with depth and were well below industrial Preliminary Remediation Goals (PRGs).<sup>4</sup> Based on this information, no additional investigative or remedial work was performed in this area. During Phase II activities, the groundwater table was encountered at approximately 8 to 16 feet bgs.

In addition to the Phase II and III sampling activities, the gasoline UST was removed from the northern parcel of the sale property in 1995. The tank was inspected by a representative of the County of Mendocino Department of Public Health (CMDPH) and determined to be in good condition upon removal. As directed by CMDPH, bottom of excavation soil samples were collected and analyzed in accordance with *1990 Tri-Regional Board Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites* for USTs with unknown contents. Analytical laboratory results indicated that volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and petroleum constituents were not detected above laboratory reporting limits. Metals were not detected above background concentrations<sup>5</sup> and the project screening criteria used for the Phase II and III soil sampling. Closure for this UST was granted by CMDPH on January 3, 1996 (Geomatrix, 1999).

Documentation of the Phase I investigation for the subject site and the UST removal and Phase II sampling program for the sale property was provided to the RWQCB in November 1998 in response to a request for information dated October 9, 1998.

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<sup>2</sup> Stindt, Fred A., 1964, *The Northwestern Pacific Railroad*, pg. 184.

<sup>3</sup> Metal concentrations in soil (expressed in milligrams per kilogram) that were greater than 10 times the Soluble Threshold Limit Concentration (CCR, Title 22, Section 66261.24) were considered elevated for the initial screening of analytical results for this project.

<sup>4</sup> United States Environmental Protection Agency, 1995, Region IX, *Preliminary Remediation Goals (PRGs) 1998 Second Half 1995*, September 1. The PRGs were republished in 1996 and 1998; the PRGs for lead and zinc (1,000 and 10,000 mg/kg, respectively) have not been revised.

<sup>5</sup> Shacklette, H.T., and Boerngen, J.G., 1984, *Element concentrations in soil and other surficial materials of the coterminus United States*, U.S. Geological Survey Professional Paper 1270.

### 3.0 SOIL AND GROUNDWATER SAMPLING PROGRAM

The objective of the soil and groundwater sampling program was to evaluate potentially significant environmental impacts that may have resulted from historical features, or from features that were identified during the site assessment and field sampling programs performed by Geomatrix in 1992 and 1995 (Geomatrix, 1999). The sampling program had two strategies: identified historical features were targeted for sampling, and areas with no identified features were sampled on a grid pattern designed to increase the sampling program's overall coverage. Additionally, a groundwater sample was collected from a monitoring well (MW-8) located on the southern parcel of the site that was presumably installed as part of the environmental investigation of the neighboring Earl's Auto and Tire/ Dave Zedrick, Inc. (Earl's Auto) facility.

Specific components of the soil and groundwater sampling program were described in the January 28, 1999 work plan developed by Geomatrix. The sampling program, which is summarized on Table 1 and described in detail below, was approved by the RWQCB in its letter dated February 22, 1999; Table 1 includes the modifications requested by the RWQCB in the same letter.

#### Targeted Soil Sampling Locations

Soil samples from a total of 13 targeted sampling locations (UB23 through UB29 and UB34 through UB39) were collected from historical maintenance and operation areas (Figures 2A and 2B). South of Perkins Street (Figure 2A), soil samples were collected from the roundhouse and turntable area (UB23 through UB25), the drain sump (UB26), the oil sump, column, and tank (UB27), and east of the current Baker Beverage Distributor (former freight station [UB49 and UB50]). Soil samples also were collected near the oil column near Clay Street (UB28), the tank platform (UB29), and from areas where stained soil and debris piles were observed during previous site visits (UB47 and UB48). North of Perkins Street (Figure 2B), soil samples were collected from the roundhouse and turntable (UB38 through UB41). In addition, soil samples were collected from the location of the former oil pump house (UB42) and the oil tank (UB43).

#### Grid Soil Sampling Locations

Four soil borings (UB30 through UB33) were sampled to provide general coverage of the remainder of the site where no previous soil samples had been collected. These borings are spaced approximately 100 feet apart.

### Groundwater Sampling Locations

Grab groundwater samples were collected at 18 locations. Grab groundwater sampling associated with former operational areas included the following locations: the drain sump (UB26); the oil sump, column, and tank (UB27); the oil column in the western part of the southern portion of the site (UB28; near to Clay Street); the tank platform (UB29); the northern roundhouse and turntable (UB40 and UB41); and the oil pump house (UB42). Downgradient grab groundwater samples (based on the documented groundwater flow direction to the southeast) were collected from locations UB30 through UB35 and UB44 through UB46. Grab groundwater samples also were collected at upgradient locations UB36 and UB37. Additionally, the monitoring well (MW-8) located on the southern parcel of the site near the fence line with Earl's Auto was sampled.

### **3.1 PRE-FIELD ACTIVITIES**

Prior to sampling, utility clearance for each sampling location was achieved by contacting Underground Service Alert (USA), a regional utility notification center. In addition, Geomatrix retained a private utility locator to clear each boring location prior to sampling. Geomatrix obtained a drilling permit, as required, from the Mendocino County Department of Public Health, Division of Environmental Health and Hazardous Materials. A copy of this permit is included in Appendix A. Additionally, we notified Rail Ways, Inc. when work was scheduled within 4 feet of railroad tracks (borings UB44 and UB39), as required.

### **3.2 SOIL AND GRAB GROUNDWATER SAMPLING**

Geomatrix retained Precision Sampling, Inc. (Precision), of San Rafael, California, a state-licensed drilling contractor to drill the borings. Soil borings were advanced using an XD-1, direct-push (DP) technology rig. Samples for chemical analysis generally were collected from depths of 0.5, 2, and 4.5 feet below ground surface (bgs), and at an additional depth above the water table (AWT, typically 6.0 feet bgs), except in borings UB27, UB30, and UB33. At these locations, no sample recovery was achieved below 4.5 feet bgs. Sampling depths are shown in Table 1. Split-spoon samplers with stainless-steel liners were used to collect the shallowest soil samples (0.5 and 2.0 feet bgs) at each bore hole location. A 3-foot-long continuous core barrel with acetate liners was used to collect the remaining soil samples at each location (4.5 feet bgs and AWT). Following sampling, the ends of the soil collection liners were covered with Teflon sheets and sealed with plastic end caps secured with silicon tape. During drilling, continuous core of the borings was obtained and a lithologic log was prepared by a Geomatrix geologist.

Grab groundwater samples were collected at 18 boring locations by installing a 1-inch-diameter temporary polyvinyl chloride (PVC) well casing inside the DP drive casing from total depth to ground surface. The bottom 5 feet of each temporary PVC well casing consisted of 0.01-inch-slot well screen, and the remainder of the casing to the ground surface was blank. Following installation of the PVC casing, the drive casing was withdrawn from the bore hole thereby exposing the screen to water-yielding sediments. Groundwater samples to be analyzed for volatile organic compounds (VOCs) were collected with a disposable PVC bailer from inside the temporary PVC casing, and transferred into 40-milliliter HCl-acidified volatile organics analysis (VOA) vials using a bottom-emptying device with a stopcock<sup>6</sup>. Groundwater samples for analysis of extractable petroleum hydrocarbons were collected using a disposable PVC bailer and decanted directly into 1-liter amber bottles.

Borings were grouted to ground surface using a neat cement/bentonite slurry. Prior to, and after drilling was complete, all drilling and sampling equipment was steam-cleaned. Rinsate and soil cuttings were collected in labeled 55-gallon drums and 5-gallon buckets, respectively, and removed from the site for disposal by Precision.

Soil and grab groundwater samples were labeled and placed in an ice-chilled cooler for delivery to the analytical laboratory under Geomatrix chain-of-custody procedures. Samples were analyzed by Entech Analytical Labs, Inc. (Entech) of Sunnyvale, California, a California-certified analytical laboratory.

### 3.3 ANALYTICAL METHODS AND METHODOLOGY

Selected soil samples were analyzed for the following constituents:

- total petroleum hydrocarbons (TPH) quantified as diesel (TPHd) and motor oil (TPHm) according to modified United States Environmental Protection Agency (EPA) Method 8015;
- polynuclear aromatic compounds (PNAs) according to EPA Method 8270 SIM;
- barium, cadmium, chromium, copper, nickel, lead, silver, and zinc according to EPA Method 6010; and

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<sup>6</sup> The VOA vials for groundwater samples from UB29, UB30, UB31, and UB32 sampled on March 16, 1999 were not acidified. Samples were analyzed by the analytical laboratory within appropriate holding times for these non-acidified samples.

- arsenic, mercury, and selenium according to EPA Methods 7060, 7471, and 7740, respectively.

Groundwater samples were analyzed for the following constituents:

- TPHd by modified EPA Method 8015 following silica gel cleanup procedures (EPA Method 3630C);
- PNAs by EPA Method 8270 SIM; and
- VOCs by EPA Method 8260.

Table 1 contains a listing of the chemical analysis initially performed for soil samples from each sampling location, as approved by the RWQCB (0.5 and 2.0 feet bgs at all locations for all analytes and selected deeper samples for a subset of analytes). In addition, a sequential sampling methodology for soil was implemented to determine the need for analysis of additional deeper samples, as follows:

- TPHd and TPHm: the next deeper sample was analyzed upon detection of TPHd or TPHm in any sample, if a deeper sample had been collected;
- PNAs: analysis of the next deeper sample for PNAs was performed on a location by location basis, depending on the magnitude of the detected concentrations and/or indication of increasing concentrations with depth;
- Metals: analytical results were compared to ten times the Soluble Threshold Limit Concentration<sup>7</sup> (STLC) and the "background" concentrations found in site soil; the deeper samples at those locations that exceeded these criteria were analyzed, if available.

#### 4.0 SITE STRATIGRAPHY

Based on borings drilled for this investigation and previous work performed by Geomatrix at the site (Geomatrix, 1999), shallow site stratigraphy consists primarily of clay underlain with sand and gravel. The overlying clay unit is generally 6 to 10 feet thick. The depth to groundwater ranges from approximately 6 to 15 feet bgs. Boring logs are included in Appendix B.

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<sup>7</sup> California Code of Regulations (CCR) Title 22 Section 66261.24

## 5.0 ANALYTICAL RESULTS

Laboratory analytical results for the soil samples are summarized in Tables 2 through Table 4. Groundwater sampling results are summarized on Table 5. Laboratory reports and chain of custody records are included in Appendix C.

The analytical results for soil samples were compared to the Total Threshold Limit Concentration<sup>5</sup> (TTLC) and STLC; both criteria are used for establishing hazardous waste concentrations for disposal purposes. For this comparison, the total concentration of an individual metal was compared to 10 times its STLC. The results also were compared to PRGs developed by the U.S. EPA Region 9 (U.S. EPA, 1998). PRGs represent the concentration of chemicals in soil associated with a target acceptable cancer risk level of  $1 \times 10^{-6}$  or a target non-cancer hazard index of 1.0. They are based on standard U.S. EPA estimates of exposure and toxicity. PRGs for soil are calculated based on both a residential land use and an industrial land use, and consider potential exposure to soil via ingestion, dermal contact and inhalation. Because current and foreseeable future use of the property is for commercial or industrial purposes, the industrial PRGs were used in this evaluation. Analytical results for groundwater samples were compared to maximum contaminant levels (MCLs; Marshack, 1998), if established.

### 5.1 SOIL

#### 5.1.1 Petroleum Hydrocarbons

Results for TPH analyses of soil samples are presented in Table 2. TPHd was detected in two borings (UB26 at 8.5 feet bgs and UB49 at 0.5 feet bgs) at concentrations of 2.4 and 30 milligrams per kilogram (mg/kg), respectively. TPHd was not detected at any other location or depth.

TPHm was detected at 13 locations at concentrations varying from 4 to 620 mg/kg. These detections were from samples collected at depths of 0.5 or 2 feet bgs except at UB26 and UB27. At boring location UB26, TPHm was quantified in the sample collected from 4.5 feet bgs at a concentration of 230 mg/kg. However, no TPHm was present above the detection limit in the sample collected from a depth of 8.5 feet bgs. TPHm was detected at a concentration of 550 mg/kg in the soil sample collected from a depth of 4.5 feet bgs at boring location UB27. As indicated in Section 3.2, no deeper soil sample was collected at this location.



### 5.1.2 Polynuclear Aromatic Compounds

Results for PNA analysis of soil samples are presented in Table 3. Various PNAs were detected at 17 locations from samples collected at depths of 0.5 or 2 feet bgs. Industrial PRGs were exceeded for individual PNAs at only one location (boring UB30) in the sample collected from 0.5 feet bgs. At this location, benzo(a)pyrene was detected at a concentration of 476 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ); the industrial PRG for this constituent is 360  $\mu\text{g}/\text{kg}$ . PNAs were not detected above laboratory reporting limits in the sample collected from 2 feet bgs at this location.

### 5.1.3 Metals

Results for metals analysis for soil are presented in Table 4. No metals were detected at concentrations above their respective TTLs. Only lead exceeded 10 times its STLC in shallow (0.5 foot bgs) soil samples from borings UB23 (66 mg/kg), UB30 (140 mg/kg), UB38 (120 mg/kg), and UB47 (73 mg/kg). However, the concentrations of lead in the 2-foot bgs samples from these locations were significantly lower. Arsenic also was present at a concentration greater than 10 times its STLC in the 2-foot sample from UB24 (56 mg/kg). Arsenic was not detected in the deeper sample from this location. Arsenic was the only metal present above its industrial PRG of 3 mg/kg.

## 5.2 GROUNDWATER

Groundwater analytical results are presented in Table 5. TPHd and PNAs were not detected in groundwater samples above laboratory reporting limits. Due to a laboratory equipment malfunction, TPHd was not reported for the grab groundwater sample collected from boring UB37. PCE was detected in the grab groundwater samples collected from boring UB27 at 5.7 and 6.0  $\mu\text{g}/\text{l}$  and the groundwater sample collected from monitoring well MW-8 at 6.0  $\mu\text{g}/\text{l}$ . UB27 is located approximately 80 feet southwest of MW-8. The concentrations of PCE detected at both UB27 and MW-8 are consistent with concentrations previously reported for MW-8 (14 to 17  $\mu\text{g}/\text{l}$  over the last three sampling events that included analysis for PCE). The U.S. EPA and California MCL for PCE is 5  $\mu\text{g}/\text{l}$ . No other VOCs were detected in the groundwater samples collected from these locations and the remaining locations across the site.

## 6.0 PRELIMINARY SCREENING LEVEL RISK ASSESSMENT

Because one or more chemicals were detected in soil above industrial PRGs (i.e., benzo(a)pyrene and arsenic), a screening-level risk assessment was conducted to evaluate whether chemicals in soil at this site may pose a significant risk under reasonable future land uses of the property. This screening-level risk assessment is also based on a comparison of site data to PRGs. However, it incorporates more realistic estimates of the concentrations to which people may be exposed, and it accounts for simultaneous exposure to multiple chemicals. Therefore, rather than a simple comparison of the maximum detected concentration of each chemical to its respective industrial PRG, ratios were calculated for each chemical consisting of the 95% upper confidence limit on the arithmetic mean (95% UCL), divided by the corresponding PRG. The U.S. EPA (1992) recommends using the 95% UCL as an upper-bound estimate of the average concentration. The risk ratios for each chemical are presented in Table 6.

For chemicals with PRGs based on potential carcinogenic effects, the ratio was multiplied by  $1 \times 10^{-6}$ , which is the target risk used to derive the PRG (U.S. EPA, 1998). This ratio then represents a conservative estimate of the potential cancer risk associated with exposure to soil under an industrial land use scenario. For chemicals with PRGs based on potential non-cancer effects, the ratios were multiplied by 1.0, which represents the target hazard index used to derive the PRGs. The ratio for these non-carcinogenic chemicals then represents a conservative estimate of the potential non-cancer hazard associated with exposure to soil under an industrial land use scenario.

The chemical-specific ratios were then summed, creating one total ratio for carcinogens and one for non-carcinogens. These risk ratios represent conservative estimates of potential cancer risk and non-cancer hazard associated with exposure to multiple chemicals detected soil under an industrial land use scenario. These calculated risk ratios are presented in Table 6. As indicated, the total cancer risk ratio is  $6 \times 10^{-6}$ , while the total non-cancer risk ratio is 0.1. The target risks for industrial sites in California similar to the former Ukiah Station are typically  $1 \times 10^{-5}$  for cancer and 1.0 for non-cancer. Because the total risk ratios are below these target risks, it is reasonable to conclude that potential exposure to residual chemicals in soil at this site should not pose an unacceptable risk to human health under future industrial or commercial land uses.

## 7.0 DISCUSSION

A targeted and grid sampling program was performed at the former Ukiah Station site to evaluate whether historical operations had significantly impacted soil and groundwater at the site. The soil analytical results indicate that:

- TPHd is generally absent or present only at low concentrations. TPHm, where detected, is present primarily in shallow soil, except at boring location UB27, where TPHm was detected at 4.5 feet bgs.
- PNAs are also present primarily in shallow soil and at relatively low concentrations, where detected.
- The concentrations of metals are below their respective TLCs; arsenic and lead concentrations exceed 10 times their respective STLCs at one and four locations, respectively. The PRG for arsenic is exceeded in the samples collected from 10 of the 21 borings locations.
- A screening level risk assessment concluded that residual chemicals in soil at this site should not pose an unacceptable risk to human health under potential future commercial or industrial use of the site.

No constituents other than PCE were detected in groundwater beneath the site. PCE was present at a low concentration in the southeastern portion of the site near Earl's Auto. The presence and concentration of this constituent is consistent with its detection in on-site well MW-8 and in off-site wells at the Earl's Auto site. From information contained in environmental reports for the Earl's Auto site, the concentration of PCE appears to be decreasing with time. The source of the PCE is not known, and the absence of PCE from other grab groundwater samples collected near the former two-stall roundhouse and associated structures (UB26, UB30, UB34, and UB35) suggest that there is no significant on-site source for this constituent. Furthermore, the absence of PCE or other chlorinated constituents in the northern portion of the site is consistent with the service dates of the roundhouse, which was retired before chlorinated solvents were widely used.

## **8.0 REFERENCES**

Geomatrix, 1999, Soil and Groundwater Investigation Workplan, Case No. INMC397, Union Pacific Railroad Property, Ukiah Station/Perkins Street, Ukiah, California, January 28.

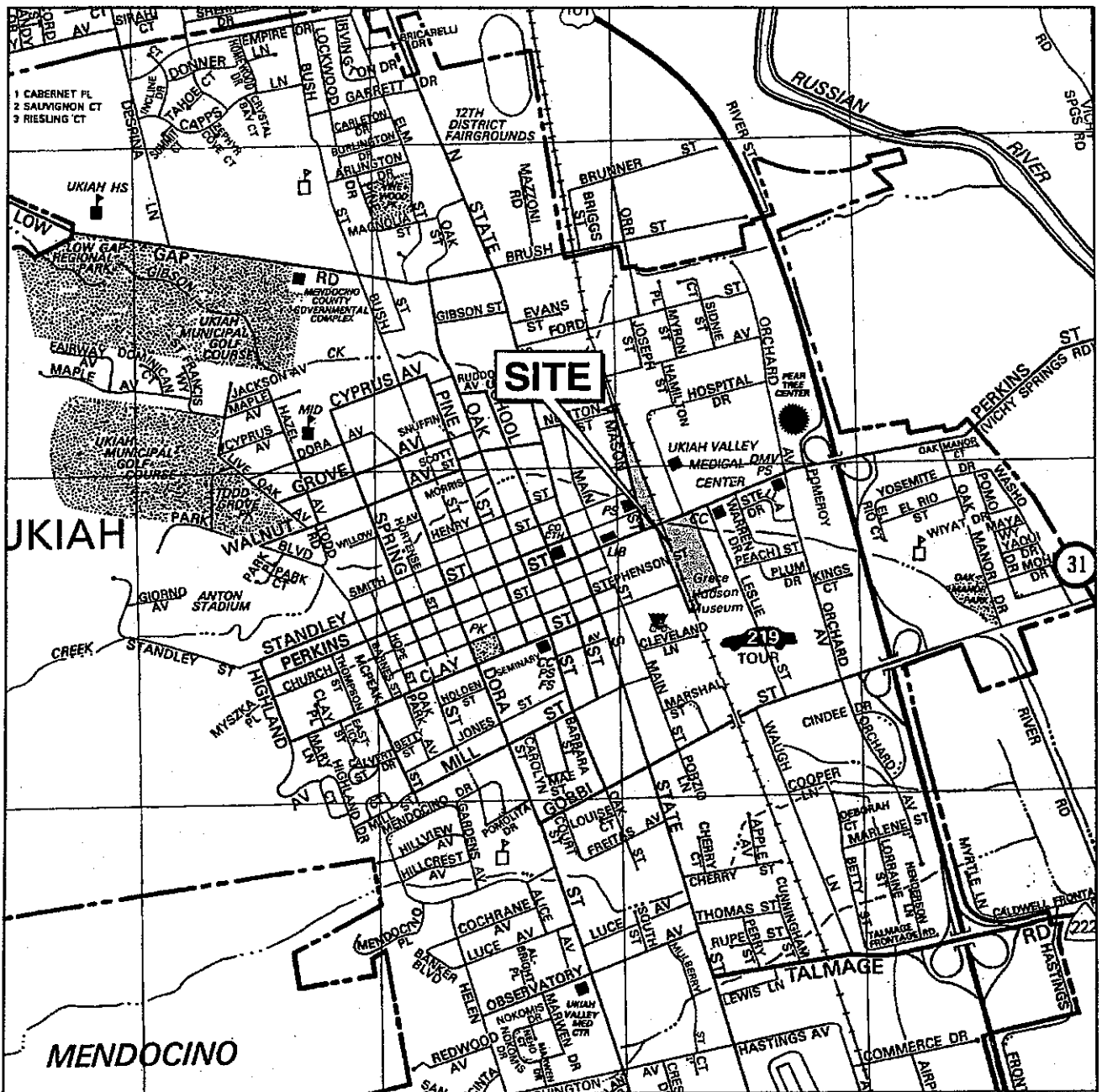
Marshack, Jon B., 1998, A Compilation of Water Quality Goals, California Environmental Protection Agency, Regional Water Quality Control Board, Central Valley Region, March.

U.S. EPA, 1992, Supplemental Guidance to RAGS: Calculating the Concentration Term. Office of Solid Waste and Emergency Response. Publication 9285.7-081. May

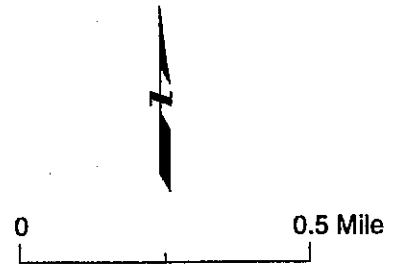
U.S. EPA, 1998, Region 9 Preliminary Remediation Goals (PRGs) 1998. Stanford Smucker, Technical Support Team.

# FIGURES

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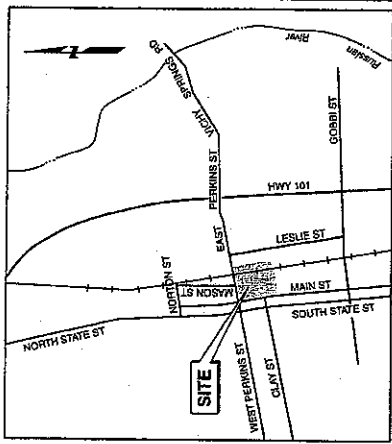


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**SITE LOCATION MAP**  
 Ukiah Station/Perkins Street  
 Ukiah, California

Figure  
 1  
 Project No.  
 2770.10



LOCATION MAP

EXPLANATION

Indicates historical feature for which no surface features were observed (July/December 1995)

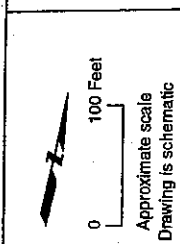
- UB7 ▲ Phase II boring location
- MW-8 ⊕ Monitoring well installed November 1989 by Earl's Auto and Tire
- Sale property boundary
- Option property boundary
- Soil and grab groundwater sample locations (March 1999):
  - UB24 ● Soil only
  - UB36 ⊕ Grab groundwater only
  - UB31 ⊕ Soil and grab groundwater

FORMER UKIAH STATION (SOUTH)  
Perkins Street  
Ukiah, California

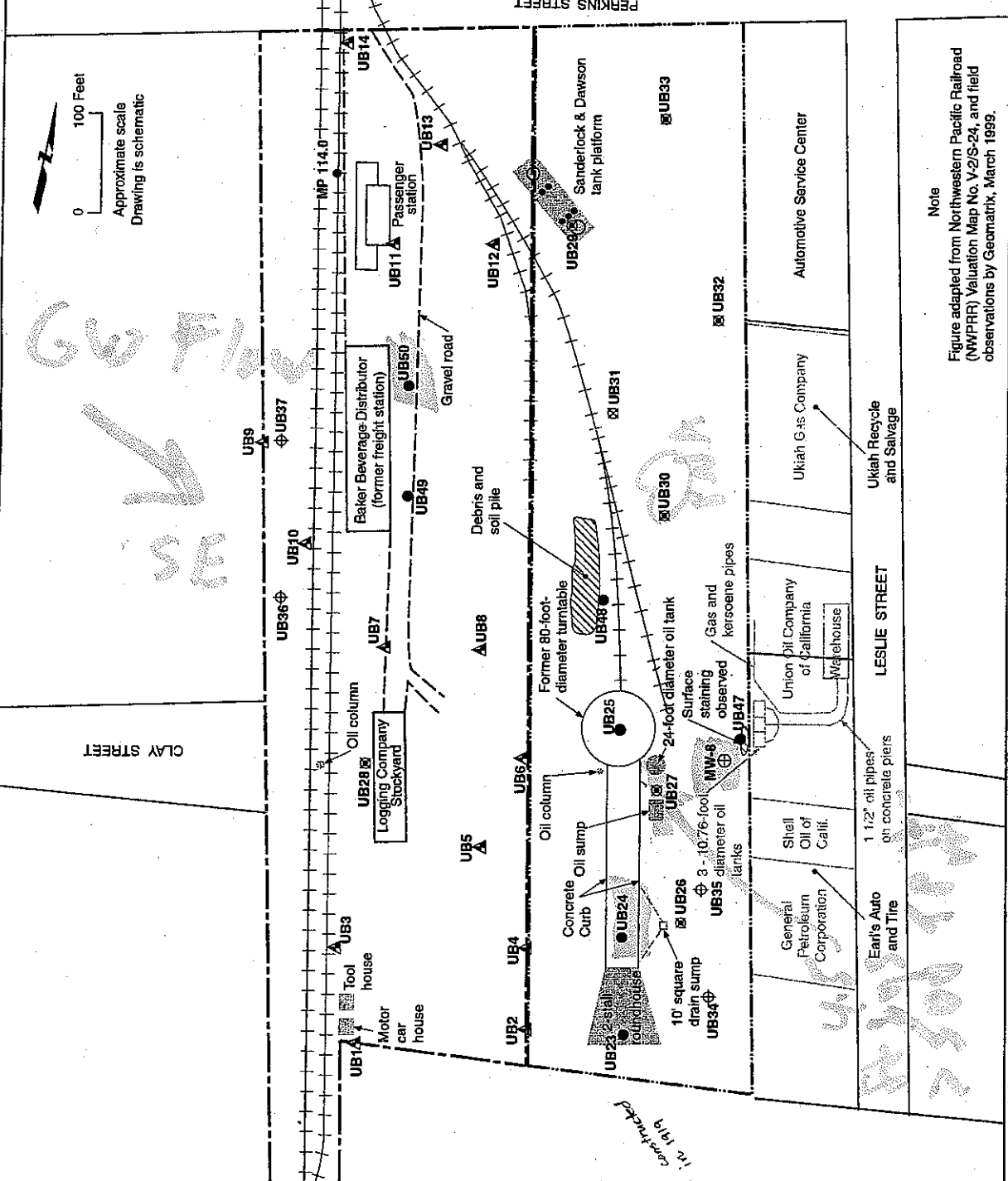


Project No.  
2770.10

Figure  
2A



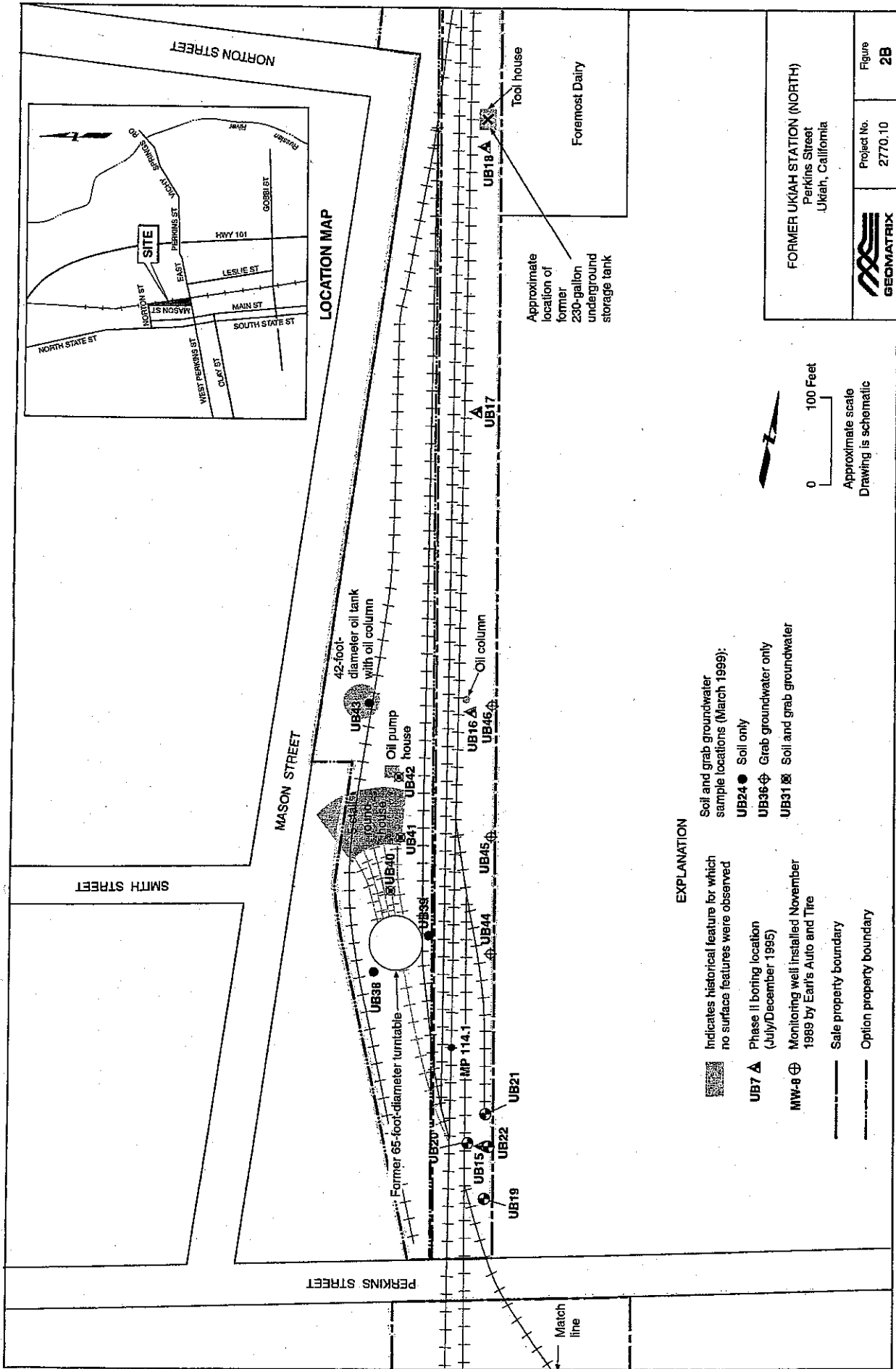
*GW Flow*  
*SE*



Note

Figure adapted from Northwestern Pacific Railroad (NWP/RR) Valuation Map No. V-2/S-24, and field observations by Geomatrix, March 1999.

*1600 x 600'*



**FORMER UKIAH STATION (NORTH)**  
 Perkins Street  
 Ukiah, California

**Project No.** 2770.10  
**Figure** 2B

**Scale:**  
 0 100 Feet  
 Approximate scale  
 Drawing is schematic

**EXPLANATION**

- Indicates Historical feature for which no surface features were observed
- UB7 ▲** Phase II boring location (July/December 1995)
- MW-8 ⊕** Monitoring well installed November 1989 by Earl's Auto and Tire
- Sale property boundary
- Option property boundary
- UB24 ●** Soil only
- UB36 ⊕** Grab groundwater only
- UB31 ⊕** Soil and grab groundwater
- UB20** Soil and grab groundwater sample locations (March 1999):
- UB41** Oil pump house
- UB42** Oil column
- UB43** 42-foot-diameter oil tank with oil column
- UB44** Oil column
- UB45** Oil column
- UB46** Oil column
- UB19** Former 65-foot-diameter turntable
- UB21** Former 65-foot-diameter turntable
- UB22** Former 65-foot-diameter turntable
- UB23** Former 65-foot-diameter turntable
- UB24** Former 65-foot-diameter turntable
- UB25** Former 65-foot-diameter turntable
- UB26** Former 65-foot-diameter turntable
- UB27** Former 65-foot-diameter turntable
- UB28** Former 65-foot-diameter turntable
- UB29** Former 65-foot-diameter turntable
- UB30** Former 65-foot-diameter turntable
- UB31** Former 65-foot-diameter turntable
- UB32** Former 65-foot-diameter turntable
- UB33** Former 65-foot-diameter turntable
- UB34** Former 65-foot-diameter turntable
- UB35** Former 65-foot-diameter turntable
- UB36** Former 65-foot-diameter turntable
- UB37** Former 65-foot-diameter turntable
- UB38** Former 65-foot-diameter turntable
- UB39** Former 65-foot-diameter turntable
- UB40** Former 65-foot-diameter turntable
- UB41** Former 65-foot-diameter turntable
- UB42** Former 65-foot-diameter turntable
- UB43** Former 65-foot-diameter turntable
- UB44** Former 65-foot-diameter turntable
- UB45** Former 65-foot-diameter turntable
- UB46** Former 65-foot-diameter turntable



# TABLES

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**TABLE 1**  
**APPROVED SOIL AND GROUNDWATER WORKPLAN SUMMARY**  
 Former Ukiah Station / Perkins Street  
 Ukiah, California

Boring Location	Proposed Sample Depth	SOIL			Groundwater		
		TPHd/m*	PNAs	Metals	TPHd*	PNAs	VOCs
UB23							
	0.5	X	X	X			
	2	X	X	X			
	4.5	hold					
	awt	hold					
UB24							
	0.5	X	X	X			
	2	X	X	X			
	4.5	hold					
	awt	hold					
UB25							
	0.5	X	X	X			
	2	X	X	X			
	4.5	hold					
	awt	hold					
UB26					X	X	X
	0.5	X	X	X			
	2	X	X	X			
	4.5	X	X				
	awt	hold					
UB27					X	X	X
	0.5	X	X	X			
	2	X	X	X			
	4.5	X	X				
	awt <sup>1</sup>	hold					
UB28					X	X	X
	0.5	X	X	X			
	2	X	X	X			
	4.5	hold					
	awt	hold					
UB29					X	X	X
	0.5	X	X	X			
	2	X	X	X			
	4.5	hold					
	awt	hold					
UB30					X	X	X
	0.5	X	X	X			
	2	X	X	X			
	4.5	hold					
	awt <sup>1</sup>	hold					



**TABLE 1**  
**APPROVED SOIL AND GROUNDWATER WORKPLAN SUMMARY**  
 Former Ukiah Station / Perkins Street  
 Ukiah, California

Boring Location	Proposed Sample Depth	SOIL			Groundwater		
		TPHd/m*	PNAs	Metals	TPHd*	PNAs	VOCs
UB31					X	X	X
	0.5	X	X	X			
	2	X	X	X			
	4.5	hold					
	awt	hold					
UB32					X	X	X
	0.5	X	X	X			
	2	X	X	X			
	4.5	hold					
	awt	hold					
UB33					X	X	X
	0.5	X	X	X			
	2	X	X	X			
	4.5	hold					
	awt <sup>1</sup>	hold					
UB34					X	X	X
UB35					X	X	X
UB36					X	X	X
UB37					X	X	X
UB38							
	0.5	X	X	X			
	2	X	X	X			
	4.5	hold					
	awt	hold					
UB39							
	0.5	X	X	X			
	2	X	X	X			
	4.5	hold					
	awt	hold					
UB40					X	X	X
	0.5	X	X	X			
	2	X	X	X			
	4.5	hold					
	awt	hold					
UB41					X	X	X
	0.5	X	X	X			
	2	X	X	X			
	4.5	hold					
	awt	hold					
UB42					X	X	X
	0.5	X	X	X			
	2	X	X	X			
	4.5	hold					
	awt	hold					



**TABLE 1**  
**APPROVED SOIL AND GROUNDWATER WORKPLAN SUMMARY**  
 Former Ukiah Station / Perkins Street  
 Ukiah, California

Boring Location	Proposed Sample Depth	SOIL			Groundwater		
		TPHd/m*	PNA's	Metals	TPHd*	PNA's	VOCs
UB43							
	0.5	X	X	X			
	2	X	X	X			
	4.5	hold					
	awt	hold					
UB44					X	X	X
UB45					X	X	X
UB46					X	X	X
UB47							
	0.5	X	X	X			
	2	X	X	X			
	4.5	hold					
	awt	hold					
UB48							
	0.5	X	X	X			
	2	X	X	X			
	4.5	hold					
	awt	hold					
UB49							
	0.5	X	X	X			
	2	X	X	X			
	4.5	hold					
	awt	hold					
UB50							
	0.5	X	X	X			
	2	X	X	X			
	4.5	hold					
	awt	hold					
MW-8					X	X	X

Notes: awt = above the water table  
 TPHd/m = total petroleum hydrocarbons quantified as diesel and motor oil  
 PNA's = polynuclear aromatic compounds  
 Metals = CAM 17 metals list  
 TPHd = total petroleum hydrocarbons quantified as diesel  
 \* = include silica gel cleanup procedure per EPA Method 3630C  
 VOCs = volatile organic compounds  
 hold = sample will be collected and placed on hold pending shallower sample results.  
<sup>1</sup> Sample was not collected at this depth because sample recovery was not achieved below 4.5 feet.

**TABLE 2**
**ANALYTICAL RESULTS FOR TOTAL PETROLEUM HYDROCARBONS  
AS DIESEL (TPHd) AND MOTOR OIL (TPHm) IN SOIL<sup>1</sup>**

March 1999

 Former Ukiah Station / Perkins Street  
Ukiah, California

Page 1 of 2

Results reported in milligrams per kilogram (mg/kg)

Borehole	Depth	TPHd	TPHm
UB23	0.5	<1	4
UB23	2	<1	<1
UB24	0.5	<10	560
UB24	2	<1	<1
UB25	0.5	<1	13
UB25	2	<1	<1
UB26	0.5	<1	<1
UB26	2	<1	<1
UB26	4.5	<1	230
UB26	8.5	2.4	<1
UB27	0.5	<1	<1
UB27	2	<2	91
UB27	4.5	<2	550
UB28	0.5	<1	<1
UB28	2.5	<1	<1
UB29	0.5	<1	<1
UB29	2	<1	<1
UB30	0.5	<2	110
UB30	2	<1	<1
UB31	0.5	<1	<1
UB31	2	<1	<1
UB32	0.5	<1	<1
UB32	2	<1	<1
UB33	0.5	<1	12
UB33	2	<1	<1
UB38	0.5	<1	91
UB38	2	<1	<1
UB39	0.5	<1	<1
UB39	2	<1	<1

**TABLE 2**

**ANALYTICAL RESULTS FOR TOTAL PETROLEUM HYDROCARBONS  
AS DIESEL (TPHd) AND MOTOR OIL (TPHm) IN SOIL<sup>1</sup>**

**March 1999**

**Former Ukiah Station / Perkins Street  
Ukiah, California**

Page 2 of 2

Results reported in milligrams per kilogram (mg/kg)

Borehole	Depth	TPHd	TPHm
UB40	0.5	<1	<1
UB40	2	<1	<1
UB41	0.5	<1	<1
UB41	2	<1	<1
UB42	0.5	<1	<1
UB42	2	<1	<1
UB43	0.5	<1	<1
UB43	2	<1	7.9
UB43	4.5	<1	<1
UB47	0.5	<1	27
UB47	2	<1	<1
UB48	0.5	<1	9.1
UB48	2	<10	18
UB48	4.5	<1	<1
UB49	0.5	30	51
UB49	2	<1	<1
UB50	0.5	<10	620
UB50	2	<1	<1

Notes:

<sup>1</sup> Samples collected by Geomatrix Consultants, Inc. on March 16-19, 1999 and analyzed by Entech Analytical of Sunnyvale, California using EPA Method 8015M following silica gel cleanup procedures by EPA Method 3630C.

<sup>2</sup> The analytical laboratory noted that the chromatogram for the detection at UB26 was not typical of fuel.

TABLE 3

**ANALYTICAL RESULTS FOR POLYNUCLEAR AROMATICS (PNAs) DETECTED IN SOIL**  
 Former Ukiah Station / Perkins Street  
 Ukiah, California

Results reported in micrograms per kilogram (ug/kg)

Borehole	Depth	Sample Date	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(ghi)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
UB23	0.5	3/19/99	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UB23	2.0	3/19/99	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	2.7	<2
UB24	0.5	3/19/99	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UB24	3.0	3/19/99	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	3.5	<2
UB25	0.5	3/19/99	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UB25	2.0	3/19/99	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
UB26	0.5	3/17/99	<2	<2	7.8	<2	<2	<2	<2	<2	2.3	<2	<2	<2	<2	8.4	2.2	<2
UB26	2.0	3/17/99	<2	<2	<2	<2	<2	<2	<2	<2	2.6	<2	<2	<2	<2	<2	<2	<2
UB26	4.5	3/17/99	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UB27	0.5	3/17/99	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
UB27	2.0	3/17/99	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UB27	4.5	3/17/99	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UB28	0.5	3/17/99	<10	<10	<10	<10	<10	27	<10	51	16	<10	<10	<10	<10	<10	22	32
UB28	2.5	3/17/99	<2	<2	<2	<2	<2	<2	<2	6.1	<2	<2	<2	<2	<2	<2	<2	25
UB29	0.5	3/16/99	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
UB29	2.0	3/16/99	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
UB30	0.5	3/16/99	<10	<10	228	410	476	590	576	206	334	<200	160	44	399	102	1100	1410
UB30	2.0	3/16/99	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
UB31	0.5	3/16/99	<10	<10	<10	<10	<10	<10	<10	<10	9.8	<10	13	<10	<10	<10	15	16
UB31	2.0	3/16/99	<2	<2	<2	5.2	4	<2	<2	5.8	3.3	<2	5.8	<2	<2	<2	3.6	8.1
UB32	0.5	3/16/99	<20	<20	279	188	199	222	201	64	152	<20	267	24	135	<20	298	354
UB32	2.0	3/16/99	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
UB33	0.5	3/16/99	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
UB33	2.0	3/16/99	<10	<10	<10	<10	<10	<10	<10	<10	14	<10	25	<10	<10	<10	13	29
UB33	4.5	3/16/99	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
UB38	0.5	3/18/99	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UB38	2.0	3/18/99	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
UB39	0.5	3/18/99	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2

TABLE 3

**ANALYTICAL RESULTS FOR POLYNUCLEAR AROMATICS (PNAs) DETECTED IN SOIL<sup>1</sup>**  
 Former Ukiah Station / Perkins Street  
 Ukiah, California

Results reported in micrograms per kilogram (ug/kg)

Borehole	Depth	Sample Date	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(ghi)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
UB39	2.0	3/18/99	<2	<2	<2	21	<2	59	<2	<2	45	<2	7	<2	<2	<2	6.4	5
UB39	4.5	3/18/99	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330
UB40	0.5	3/18/99	<10	<10	<10	11	<10	<10	<10	<10	12	<10	11	<10	<10	<10	15	10
UB40	2.0	3/18/99	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	3.5	<2
UB41	0.5	3/18/99	<10	<10	<10	44	<10	<10	<10	<10	30	<10	21	<10	<10	<10	16	22
UB41	2.0	3/18/99	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	2.4	<2
UB42	0.5	3/18/99	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
UB42	2.0	3/18/99	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	3.9	<2
UB43	0.5	3/18/99	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
UB43	2.0	3/18/99	<10	<10	12	45	<10	<10	<10	<10	79	<10	58	<10	<10	<10	22	55
UB43	4.5	3/18/99	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330
UB47	0.5	3/19/99	<10	65	52	<10	183	<10	81	<10	177	<10	573	106	16	229	654	<2
UB47	2.0	3/19/99	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UB48	0.5	3/19/99	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
UB48	2.0	3/19/99	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	27	<10
UB48	4.5	3/19/99	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
UB49	0.5	3/19/99	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
UB49	2.0	3/19/99	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UB50	2.0	3/19/99	<2	<20	<2	<20	<2	<20	<2	<20	<2	<20	<2	<20	<2	<20	<2	39
UB50	4.5	3/19/99	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Industrial PRGs <sup>2</sup>			2.8E7	2.8E7	2.2E8	3600	360	5600	2.6E7	3600	3.6E5	360	3.7E7	2.2E7	3600	9ES	2.2E8	2.6E7

Notes:

- <sup>1</sup> Samples collected by Geomatrix Consultants, Inc. on March 16-19, 1999 and analyzed by Entech Analytical of Sunnyvale, California using U.S. EPA Method 8270 SIM.
- <sup>2</sup> Industrial Preliminary Remediation Goals (PRGs) from U.S. EPA Region 9 (U.S. EPA 1998).
- <sup>3</sup> PRGs were not available for these constituents. Surrogate PRGs for a constituent with similar physical and chemical properties were used for the PRG comparison.



TABLE 4

**ANALYTICAL RESULTS FOR METALS IN SOIL<sup>1</sup>**

Former Ukiah Station / Perkins Street

Ukiah, California

Results reported in milligrams per kilogram (mg/kg)

Borehole	Depth	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
UB23	0.5	3/19/99	<5	<5	160	<5	<5	81	18	47	66	0.14	<5	110	<5	<5	<5	51	170
UB23	2.0	3/19/99	<5	<5	160	<5	<5	78	18	27	13	<0.1	<5	110	<5	<5	<5	48	62
UB23	4.5	3/19/99	NA <sup>2</sup>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	64	NA	NA	NA	NA	NA
UB24	0.5	3/19/99	<5	<5	95	<5	<5	54	13	19	78	<0.1	<5	75	<5	<5	<5	40	49
UB24	2.0	3/19/99	<5	56	140	<5	<5	69	17	27	16	<0.1	<5	110	<5	<5	<5	50	62
UB24	4.5	3/19/99	NA	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	100	NA	NA	NA	NA	NA
UB25	0.5	3/19/99	<5	28	150	<5	<5	45	13	27	33	<0.1	<5	70	<5	<5	<5	39	90
UB25	2.0	3/19/99	<5	<5	170	<5	<5	57	14	22	73	<0.1	<5	82	<5	<5	<5	39	52
UB26	0.5	3/17/99	<5	46	150	<5	<5	53	13	17	13	<0.1	<5	81	<5	<5	15	44	66
UB26	2.0	3/17/99	<5	31	140	<5	<5	60	13	24	22	<0.1	<5	91	<5	<5	<5	43	73
UB26	4.5	3/17/99	NA	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UB27	0.5	3/17/99	<5	<5	110	<5	<5	35	7.9	13	7.6	<0.1	<5	46	<5	<5	<5	29	45
UB27	2.0	3/17/99	<5	<5	130	<5	<5	51	12	21	15	<0.1	<5	78	<5	<5	<5	38	66
UB28	0.5	3/17/99	<5	49	98	<5	<5	28	11	23	44	<0.1	<5	44	<5	<5	<5	33	96
UB28	2.5	3/17/99	<5	30	110	<5	<5	33	12	20	13	<0.1	<5	50	<5	<5	<5	39	51
UB28	4.5	3/17/99	NA	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UB29	0.5	3/16/99	<5	<5	170	<5	<5	48	12	20	61	<0.1	<5	70	<5	<5	<5	36	61
UB29	2.0	3/16/99	<5	<5	240	<5	<5	100	22	36	11	<0.1	<5	150	<5	<5	<5	64	94
UB29	4.5	3/16/99	NA	NA	130	NA	NA	46	NA	NA	NA	NA	NA	60	NA	NA	NA	NA	NA
UB30	0.5	3/16/99	<5	46	190	<5	<5	68	16	34	140	<0.1	<5	88	<5	<5	<5	49	240
UB30	2.0	3/16/99	<5	34	150	<5	<5	64	13	24	11	<0.1	<5	94	<5	<5	16	43	63
UB30	4.5	3/16/99	NA	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UB31	0.5	3/16/99	<5	<5	120	<5	<5	29	9.7	19	20	<0.1	<5	42	<5	<5	<5	28	73
UB31	2.0	3/16/99	<5	<5	150	<5	<5	57	14	24	11	<0.1	<5	85	<5	<5	<5	39	65
UB32	0.5	3/16/99	<5	<5	150	<5	<5	38	12	21	21	<0.1	<5	61	<5	<5	<5	36	62
UB32	2.0	3/16/99	<5	<5	150	<5	<5	60	12	22	6.5	<0.1	<5	87	<5	<5	<5	38	51

TABLE 4

**ANALYTICAL RESULTS FOR METALS IN SOIL<sup>1</sup>**

Former Ukiah Station / Perkins Street  
Ukiah, California

Results reported in milligrams per kilogram (mg/kg)

Borehole	Depth	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
UB33	0.5	3/16/99	<5	<5	97	<5	33	345	15	18	<0.1	<5	<5	46	<5	<5	<5	26	26
UB33	2.0	3/16/99	<5	<5	200	<5	50	15	28	39	0.178	<5	<5	80	<5	<5	<5	44	98
UB38	0.5	3/18/99	<5	25	190	<5	67	17	68	120	0.24	<5	<5	87	<5	<5	<5	49	110
UB38	2.0	3/18/99	<5	23	260	<5	110	26	44	15	<0.1	<5	<5	150	<5	<5	<5	69	99
UB38	4.5	3/18/99	NA	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	61	NA	NA	NA	NA	NA
UB39	0.5	3/18/99	<5	<5	66	<5	37	93	15	85	<0.1	<5	<5	61	<5	<5	<5	24	33
UB39	2.0	3/18/99	<5	<5	160	<5	52	15	24	14	<0.1	<5	<5	94	<5	<5	<5	46	68
UB40	0.5	3/18/99	<5	<5	220	<5	95	23	38	16	<0.1	<5	<5	150	<5	<5	<5	60	88
UB40	2.0	3/18/99	<5	<5	230	<5	100	28	37	12	<0.1	<5	<5	160	<5	<5	<5	62	86
UB40	4.5	3/18/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	120	NA	NA	NA	NA	NA
UB41	0.5	3/18/99	<5	<5	170	<5	77	18	30	13	<0.1	<5	<5	120	<5	<5	<5	47	69
UB41	2.0	3/18/99	<5	<5	220	<5	89	20	39	12	<0.1	<5	<5	150	<5	<5	<5	55	78
UB41	4.5	3/18/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	74	NA	NA	NA	NA	NA
UB42	0.5	3/18/99	<5	<5	82	<5	40	83	25	<5	<0.1	<5	<5	61	<5	<5	<5	23	34
UB42	2.0	3/18/99	<5	<5	210	<5	100	20	41	14	<0.1	<5	<5	150	<5	<5	<5	60	96
UB42	4.5	3/18/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	NA	NA	NA	NA	NA
UB43	0.5	3/18/99	<5	27	190	<5	85	21	150	12	<0.1	<5	<5	340	<5	14	<5	50	74
UB43	2.0	3/18/99	<5	<5	170	<5	63	17	33	32	0.19	<5	<5	96	<5	<5	<5	43	82
UB47	0.5	3/19/99	<5	39	160	<5	47	13	28	73	<0.1	<5	<5	79	<5	<5	<5	44	140
UB47	2.0	3/19/99	<5	<5	130	<5	51	12	20	65	<0.1	<5	<5	77	<5	<5	<5	40	49
UB48	0.5	3/19/99	<5	<5	130	<5	36	16	18	6	<0.1	<5	<5	50	<5	<5	<5	45	57
UB48	2.0	3/19/99	<5	<5	200	<5	78	19	32	100	<0.1	<5	<5	100	<5	<5	<5	51	160
UB49	0.5	3/19/99	<5	<5	110	<5	35	12	16	11	<0.1	<5	<5	47	<5	<5	<5	42	62
UB49	2.0	3/19/99	<5	34	170	<5	62	18	23	94	<0.1	<5	<5	95	<5	<5	<5	48	61
UB49	4.5	3/19/99	NA	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 4

**ANALYTICAL RESULTS FOR METALS IN SOIL<sup>1</sup>**  
 Former Ukiah Station / Perkins Street  
 Ukiah, California

Results reported in milligrams per kilogram (mg/kg)

Borehole	Depth	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
UB50	0.5	3/19/99	<5	41	210	<5	90	23	40	17	0.29	<5	<5	120	<5	<5	<5	47	90
UB50	2.0	3/19/99	<5	37	220	<5	66	15	110	24	<0.1	<5	<5	83	<5	<5	<5	48	100
UB50	4.5	3/19/99	NA	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Industrial PRGs <sup>2</sup>			750	5	100,000	3,400	930	450	29,000	70,000	1,000	560	9,400	37,000	9,400	9,400	13,000	100,000	
STLC (mg/d) <sup>4</sup>			5	5.0	100	0.75	1.0	80	560	25	0.2	350	20	5	15	1.0	7.0	24	250
TTLc (mg/kg) <sup>5</sup>			500	500	10,000	7.5	100	8000	2500	2500	20	3500	2000	1000	500	100	700	2400	5000

<sup>1</sup> Samples collected by Geomatrix Consultants, Inc. on March 16-19, 1999 and analyzed by Entech Analytical of Sunnyvale, California using US EPA Methods 6010 and 7471.

<sup>2</sup> Not analyzed

<sup>3</sup> Industrial Preliminary Remediation Goals (PRGs) from U.S. EPA Region 9 (U.S. EPA, 1998)

<sup>4</sup> STLC = Soluble Threshold Limit Concentration, California Code of Regulations, Title 22, Section 66216.24

<sup>5</sup> TTLc = Total Threshold Limit Concentration, California Code of Regulations, Title 22, Section 66216.24



**TABLE 5**  
**ANALYTICAL RESULTS FOR GROUNDWATER**  
 Former Ukiah Station / Perkins Street  
 Ukiah, California

Results reported in micrograms per liter (µg/l)

Borehole	Sample Date	TPHd <sup>2</sup>	Tetrachloroethene <sup>3</sup>	PNAs <sup>2</sup>
MW-8	3/17/99	<50	6.0	ND <sup>2</sup>
UB26	3/17/99	<50	<5	ND
UB27 <sup>4</sup>	3/17/99	<50/<50	5.7/6.0	ND
UB28	3/18/99	<50	<5	ND
UB29 <sup>4</sup>	3/16/99	<50/<50	<5	ND
UB30	3/16/99	<50	<5	ND
UB31	3/16/99	<50	<5	ND
UB32	3/16/99	<50	<5	ND
UB33	3/17/99	<50	<5	ND
UB34	3/17/99	<50	<5	ND
UB35	3/17/99	<50	<5	ND
UB36	3/18/99	<50	<5	ND
UB37	3/18/99	<50	<5	ND
UB40	3/18/99	<50	<5	ND
UB41	3/18/99	<50	<5	ND
UB42	3/18/99	<50	<5	ND
UB44	3/18/99	<50	<5	ND
UB45	3/18/99	<50	<5	ND
UB46	3/18/99	<50	<5	ND

**Notes:**

- <sup>1</sup> Samples collected by Geomatrix Consultants, Inc. and analyzed by Entech Analytical of Sunnyvale, California. Samples were analyzed for TPHd using EPA Method 8015 following silica gel cleanup procedures, for VOCs using EPA Method 8260B, and PNAs using EPA Method 8270 SIM.
- <sup>2</sup> TPHd = total petroleum hydrocarbons quantified as diesel, VOCs = volatile organic compounds, PNAs = polynuclear aromatic compounds, ND = not detected above laboratory reporting limits.
- <sup>3</sup> Tetrachloroethene was the only VOC detected. All other VOCs were not detected above laboratory reporting limits.
- <sup>4</sup> Blind duplicate samples were collected at these locations. Duplicate results are shown.



**TABLE 6**  
**PRELIMINARY SCREENING-LEVEL RISK ASSESSMENT**  
 Former Ukiah Station / Perkins Street  
 Ukiah, California

	Number of Samples	Number of Detects	Industrial PRG (mg/kg)	Maximum Detected (mg/kg)	95% UCL (mg/kg)	Number of Samples > PRG Industrial	Risk Ratio	
							Cancer Industrial	Non-cancer Industrial
<b>Metals</b>								
Arsenic	49	15	3	56	17	15	5.6E-06	--
Barium	43	43	100,000	260	171	--	--	0.002
Chromium	43	43	450	110	67	--	1.5E-07	--
Cobalt	42	42	29,000	26	16	--	--	0.001
Copper	42	42	70,000	150	39	--	--	0.001
Lead	42	41	1,000	140	33	--	--	0.033
Mercury	42	5	560	0.29	0.08	--	--	0.000
Nickel	49	49	37,000	540	114	--	--	0.003
Silver	42	1	9,400	14	3	--	--	0.000
Thallium	42	2	150	16	4	--	--	0.026
Vanadium	42	42	13,000	69	47	--	--	0.004
Zinc	42	42	100,000	240	90	--	--	0.001
<b>Sub-total Metals</b>							<b>5.8E-06</b>	<b>7.0E-02</b>
<b>Polycyclic Aromatic Hydrocarbons</b>								
Acenaphthylene	21	1	28,000	0.065	0.011	--		3.8E-07
Anthracene	21	5	220,000	0.279	0.058	--		2.6E-07
Benzo(a)anthracene	21	7	3.6	0.410	0.071	--	2.0E-08	
Benzo(a)pyrene	21	4	0.36	0.476	0.086	1	2.4E-07	
Benzo(b)fluoranthene	21	4	3.6	0.590	0.093	--	2.6E-08	
Benzo(ghi)perylene	21	3	28,000	0.576	0.092	--		3.3E-06
Benzo(k)fluoranthene	21	2	36	0.206	0.032	--	9.0E-10	
Chrysene	21	13	360	0.534	0.103	--	2.9E-10	
Fluoranthene	21	12	37,000	1.160	0.209	--		5.6E-06
Fluorene	21	3	22,000	0.044	0.010	--		4.4E-07
Indeno(1,2,3-cd)pyrene	21	3	3.6	0.393	0.066	--	1.8E-08	
Naphthalene	21	2	190	0.102	0.016	--		8.5E-05
Phenanthrene	21	18	220,000	1.100	0.178	--		8.1E-07
Pyrene	21	14	26,000	1.410	0.250	--		9.6E-06
<b>Sub-total PAHs</b>							<b>3.0E-07</b>	<b>1.1E-04</b>
<b>Total</b>							<b>6E-06</b>	<b>0.1</b>



**APPENDIX A**

**MENDOCINO COUNTY DEPARTMENT OF PUBLIC HEALTH,  
DIVISION OF ENVIRONMENTAL HEALTH AND  
HAZARDOUS MATERIALS BORING PERMIT**



Environmental Health, Hazardous Materials

**COPY**

501 Low Gap Road, Room 1326, Ukiah, CA 95482  
(707) 463-5425 FAX: (707) 463-4038

### MONITORING WELL APPLICATION

TO CONSTRUCT, DESTROY, REPAIR, OR ALTER;  
MONITORING WELLS, CATHODIC WELLS,  
REMEDICATION WELLS OR BORINGS

Application is hereby made to the Mendocino County Division of Environmental Health for a permit to perform the work as indicated below at the following site location: (A15)

Business Name: Union Pacific Railroad Phone #: 541-7020  
Site Address: UKIAH STATION / PERKINS ST. NEAR GARDNER (see map)  
Property Owner Name: Union Pacific Railroad Phone #: (415) 941-3020  
Property Owner Address: 49 STEVENSON ST. 15th Fl, SF, CA 94105

### WORK INFORMATION

Type of Work: Construction  Destruction  Repair  Alteration/Conversion   
Indicate the total number for each of the following well types or borings:  
Existing Wells: Drinking Water  Monitoring  Others (state types)   
• PROPOSED Number of: Mon. Wells  Cathodic Wells  Borings/hydropunches 29  
220A each Remediation Wells (includes injection/extraction/spargo/etc.)

### CONSULTANT AND CONTRACTOR INFORMATION

Consulting Firm: Geomatics Consultants Phone #: (415) 743-9400  
Address: 100 Pina St, 10th Fl, SF, CA 94111 Contact: Renny Tse / Susan Callahan  
Driller/Contractor: Precision Sampling Inc License #: 636387 1-31-2000  
Address: 47 Louise St., San Rafael, CA 94901 Phone #: (415) 456-9875

### PERMIT TERMS AND CONDITIONS

- provide that the contractor will:
- Secure the authorization of the property owner.
  - Submit written authorization(s) from the off-site property owner(s) for all off-site work.
  - Complete the Site Plot Sketch according to the instructions on the back of this application.
  - Consult with the inspector for an available inspection date prior to scheduling field activities.
  - Schedule field work to commence after a permit has been issued.
  - Place seals by "free fall" (without a tremie pipe) only in dry intervals of less than 30 foot BGS.
  - Construct surface seal/cover to prevent physical damage, unauthorized access, & contamination.
  - Submit a State of California Well Completion Report/Log, including an "As Constructed" site sketch, within 15 days of completion as a requirement for final approval (Mendocino County Code Section 16.04.080 (c)). {Final approval will not be given without the logs or sketch.}

(For Official Use Only)

# PERMIT

Number: 434

Received by: ML (Initials)

FEE \$ \$504.00 RECEIPT NUMBER 12167 DATE PAID 03/11/99

Initial when dates are entered in the database for: Issuance  Inspection  Final   
(Distribution: Original to remain at E.H.; copies go to well driller and consultant.)

### PERMIT APPROVAL (For Official Use Only)

This application is deemed as approved and issued when signed and dated by a Mendocino County Health Officer in the space provided on the lines below:

Issued by: Wayne Buley (Health Officer's Signature) Date: 3/11/99

Work completed satisfactorily:

Final Approval by: \_\_\_\_\_ (Health Officer's Signature) Date: \_\_\_\_\_

Date Boring and Well Logs were received: \_\_\_\_\_

### PERMIT AGREEMENT

I hereby agree to construct, destroy, repair or alter all wells or borings on this permit application in accordance with the "Permit Terms And Conditions" as stated above and in compliance with the Mendocino County Well Ordinance (County Code Chapter 16.04) and the California Well Standards Bulletin 74-01 & 74-90 as they are amended from time to time.

I understand that this permit expires one year from the date of issuance (Mendocino County Code Sect. 16.04.080) and the fee is non-refundable or transferable.

FOR CONTAMINATED SITES OR SOLID WASTE DISPOSAL SITES:  
I understand that the NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD requires an approved WORK PLAN prior to the start of any field work under this permit.  
(Please call (707) 576-2220 for questions regarding approval of work plans.)

C-57 Contractor: PRECISION SAMPLING INC.

L. WIKTAKER (Print Name) Wayne Buley (Signature) Date: 3.8.99



**APPENDIX B**  
**BORINGS LOGS**



<b>PROJECT: UKIAH STATION</b> Ukiah, California	<h2 style="margin: 0;">Log of Boring No. UB23</h2>
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BORING LOCATION: 2-stall roundhouse, southern parcel	ELEVATION AND DATUM: ---	
DRILLING CONTRACTOR: Precision Sampling, Incorporated	DATE STARTED: 3/19/99	DATE FINISHED: 3/19/99
DRILLING METHOD: Direct push technology	TOTAL DEPTH: 7.0 feet	MEASURING POINT: Ground surface
DRILLING EQUIPMENT: XD-1	DEPTH TO WATER: FIRST ---	COMPL. ---
SAMPLING METHOD: Enviro-core sampling system / modified California drive sampler	LOGGED BY: Jon Erskine	
HAMMER WEIGHT: ---	DROP: ---	RESPONSIBLE PROFESSIONAL: Susan Gallardo
		REG. NO. PE 038154

DEPTH (feet)	SAMPLES				OVM Reading (ppm)	DESCRIPTION	REMARKS
	Sample No.	Sample	Blows/ Foot	Foot		NAME (USCS Symbol): color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCl, geo. inter.	
	Surface Elevation: ---						
1	UB23-0.5					<b>LEAN CLAY (CL)</b> Brown (7.5 4/3), moist, 100% fines, low to medium plasticity, firm	
2	UB23-2.0						
4	UB23-4.5						
6	UB23-6.0						
7						Bottom of boring at 7.0 feet. Borehole destroyed using Basalite Type I-II cement grout installed from total depth to ground surface 3/19/99.	
8							
9							
10							
11							
12							
13							
14							
15							

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PROJECT: UKIAH STATION  
Ukiah, California

## Log of Boring No. UB24

BORING LOCATION: Northern portion of 2-stall roundhouse, southern parcel

DRILLING CONTRACTOR: Precision Sampling, Incorporated

DRILLING METHOD: Direct push technology

DRILLING EQUIPMENT: XD-1

SAMPLING METHOD: Enviro-core sampling system / modified California drive sampler

HAMMER WEIGHT: --- DROP: ---

ELEVATION AND DATUM: ---

DATE STARTED: 3/19/99 DATE FINISHED: 3/19/99

TOTAL DEPTH: 7.0 feet MEASURING POINT: Ground surface

DEPTH TO WATER: FIRST --- COMPL. ---

LOGGED BY: Jon Erskine

RESPONSIBLE PROFESSIONAL: Susan Gallardo REG. NO. PE 038154

DEPTH (feet)	SAMPLES			OVM Reading (ppm)	DESCRIPTION NAME (USCS Symbol): color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCl, geo. Inter.	REMARKS
	Sample No.	Sample	Blows/ Foot			
0					Surface Elevation: ---	
0.5	UB24-0.5				CLAYEY SAND with GRAVEL (SC) Brown (7.5 4/3), moist, 60% fine to coarse sand, 20% fine gravel up to 0.75-inch in diameter, 20% low plasticity fines	
2.0	UB24-2.0					
4.5	UB24-4.5				CLAYEY SAND (SC) Brown (7.5 4/3), moist, 60% fine to coarse sand, 30% low plasticity fines	
5.5	UB24-5.5					
7.0					Bottom of boring at 7.0 feet. Borehole destroyed using Basalite Type I-II cement grout installed from total depth to ground surface 3/19/99.	
8						
9						
10						
11						
12						
13						
14						
15						

B-1 (12/85)

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<b>PROJECT: UKIAH STATION</b> Ukiah, California	<b>Log of Boring No. UB25</b>
--	-------------------------------

BORING LOCATION: 80-foot diameter turntable		ELEVATION AND DATUM: ---	
DRILLING CONTRACTOR: Precision Sampling, Incorporated		DATE STARTED: 3/19/99	DATE FINISHED: 3/19/99
DRILLING METHOD: Direct push technology		TOTAL DEPTH: 7.0 feet	MEASURING POINT: Ground surface
DRILLING EQUIPMENT: XD-1		DEPTH TO WATER: FIRST	COMPL.
SAMPLING METHOD: Enviro-core sampling system / modified California drive sampler		LOGGED BY: Jon Erskine	
HAMMER WEIGHT: ---	DROP: ---	RESPONSIBLE PROFESSIONAL: Susan Gallardo	REG. NO. PE 038154

DEPTH (feet)	SAMPLES				OVM Reading (ppm)	DESCRIPTION	REMARKS
	Sample No.	Sample	Blows/ Foot	Foot		NAME (USCS Symbol): color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCl, geo. inter.	
1	UB25-0.5		X			<b>CLAYEY SAND (SC)</b> Brown (7.5 4/3), moist, 60% fine to coarse sand, 40% low plasticity fines	
2	UB25-2.0		X				
3			X				
4	UB25-4.5		X			<b>LEAN CLAY (CL)</b> Brown (7.5 4/2), moist, 100% fines, low to medium plasticity, soft	
5			X				
6	UB25-6.5		X				
7			X			Bottom of boring at 7.0 feet. Borehole destroyed using Basalite Type I-II cement grout installed from total depth to ground surface 3/19/99.	
8							
9							
10							
11							
12							
13							
14							
15							

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<b>PROJECT: UKIAH STATION</b> Ukiah, California	<b>Log of Boring No. UB26</b>
--	-------------------------------

<b>BORING LOCATION:</b> Roundhouse	<b>ELEVATION AND DATUM:</b> ---			
<b>DRILLING CONTRACTOR:</b> Precision Sampling, Incorporated	<b>DATE STARTED:</b> 3/17/99	<b>DATE FINISHED:</b> 3/17/99		
<b>DRILLING METHOD:</b> Direct push technology	<b>TOTAL DEPTH:</b> 16.0 feet	<b>MEASURING POINT:</b> Ground surface		
<b>DRILLING EQUIPMENT:</b> XD-1	<b>DEPTH TO WATER:</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; text-align: center;">FIRST 10.0 feet</td> <td style="width:50%; text-align: center;">COMPL. ---</td> </tr> </table>	FIRST 10.0 feet	COMPL. ---
FIRST 10.0 feet	COMPL. ---			
<b>SAMPLING METHOD:</b> Enviro-core sampling system / modified California drive sampler	<b>LOGGED BY:</b> Jon Erskine			
<b>HAMMER WEIGHT:</b> ---	<b>DROP:</b> ---	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;"><b>RESPONSIBLE PROFESSIONAL:</b> Susan Gallardo</td> <td style="width:30%;"><b>REG. NO.:</b> PE 038154</td> </tr> </table>	<b>RESPONSIBLE PROFESSIONAL:</b> Susan Gallardo	<b>REG. NO.:</b> PE 038154
<b>RESPONSIBLE PROFESSIONAL:</b> Susan Gallardo	<b>REG. NO.:</b> PE 038154			

DEPTH (feet)	SAMPLES				CVM Reading (ppm)	DESCRIPTION	REMARKS
	Sample No.	Sample	Blows/ Foot	Foot		NAME (USCS Symbol): color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCL geo. Inter.	
1	UB26-0.5				0.0	<b>LEAN CLAY (CL)</b> Brown (7.5 5/2), moist, 90% fines, 10% fine sand, low plasticity, soft	
2	UB26-2.0						
3							
4	UB26-4.5				0.0	<b>CLAYEY SAND (SC)</b> Brown (7.5 5/4), moist, 50% fine to coarse sand, 30% low plasticity fines, 20% fine angular gravel to 0.75-inch in diameter	
5							
6							
7							
8	UB26-8.5						
9							
10						Wet ↓	
11							
12							
13							
14							
15							

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PROJECT: UKIAH STATION  
Ukiah, California

Log of Boring No. UB26 (cont.)

DEPTH (feet)	SAMPLES			OVM Reading (ppm)	DESCRIPTION NAME (USCS Symbol): color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCl. geo. inlar.	REMARKS
	Sample No.	Sample	Blows/ Foot			
16		X			CLAYEY SAND (SC) (continued)	
17					Bottom of boring at 16.0 feet. Borehole destroyed using Basalite Type I-II cement grout installed from total depth to ground surface 3/17/99.	
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						

B-2 (12/85)

PROJECT: UKIAH STATION Ukiah, California		<b>Log of Boring No. UB27</b>	
BORING LOCATION: Northern portion of roundhouse		ELEVATION AND DATUM: ---	
DRILLING CONTRACTOR: Precision Sampling, Incorporated		DATE STARTED: 3/17/99	DATE FINISHED: 3/17/99
DRILLING METHOD: Direct push technology		TOTAL DEPTH: 16.0 feet	MEASURING POINT: Ground surface
DRILLING EQUIPMENT: XD-1		DEPTH TO WATER: FIRST 7.0 feet	COMPL. ---
SAMPLING METHOD: Enviro-core sampling system / modified California drive sampler		LOGGED BY: Jon Erskine	
HAMMER WEIGHT: ---	DROP: ---	RESPONSIBLE PROFESSIONAL: Susan Gallardo	REG. NO. PE 038154

DEPTH (feet)	SAMPLES				OVM Reading (ppm)	DESCRIPTION <small>NAME (USCS Symbol): color, moist. % by weight., plast., consistency, structure, cementation, react. w/HCl. geo. inter.</small>	REMARKS
	Sample No.	Sample	Blows/ Foot	Foot			
0.0	UB27-0.5				0.0	LEAN CLAY (CL) Brown (7.5 4/3), moist, 90% fines, 10% fine to coarse sand, low to medium plasticity, soft  Surface Elevation: --	
2.0	UB27-2.0						
4.5	UB27-4.5						
6.0						CLAYEY SAND (SC) Brown (7.5 4/3), wet, 50% fine to coarse sand, 40% low plasticity fines, 10% fine gravel up to 0.75-inch in diameter  Wet	
7.0							
8.0							
9.0							
10.0							
11.0							
12.0							
13.0							
14.0							
15.0							

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PROJECT: UKIAH STATION  
Ukiah, California

**Log of Boring No. UB27 (cont.)**

DEPTH (feet)	SAMPLES				OVM Reading (ppm)	DESCRIPTION <small>NAME (USCS Symbol); color, moist. % by weight, plast., consistency, structure, cementation, react. w/HCl geo. inter.</small>	REMARKS
	Sample No.	Sample	Blows/ Foot				
16		X				CLAYEY SAND (SC) (continued)	
17						Bottom of boring at 16.0 feet. Borehole destroyed using Basalite Type I-II cement grout installed from total depth to ground surface 3/17/99.	
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							

B-2 (12/95)

<b>PROJECT: UKIAH STATION</b> Ukiah, California	<h2 style="margin: 0;">Log of Boring No. UB28</h2>
--	--

<b>BORING LOCATION:</b> South of beverage distributor, on western fence line of trucking company	<b>ELEVATION AND DATUM:</b> ---							
<b>DRILLING CONTRACTOR:</b> Precision Sampling, Incorporated	<b>DATE STARTED:</b> 3/17/99	<b>DATE FINISHED:</b> 3/17/99						
<b>DRILLING METHOD:</b> Direct push technology	<b>TOTAL DEPTH:</b> 20.0 feet	<b>MEASURING POINT:</b> Ground surface						
<b>DRILLING EQUIPMENT:</b> XD-1	<b>DEPTH TO WATER:</b>	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 2px;">FIRST</td> <td style="padding: 2px;">---</td> <td style="padding: 2px;">COMPL</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;">6.4 feet</td> </tr> </table>	FIRST	---	COMPL			6.4 feet
FIRST	---	COMPL						
		6.4 feet						
<b>SAMPLING METHOD:</b> Enviro-core sampling system / modified California drive sampler								
<b>LOGGED BY:</b> Jon Erskine								
<b>HAMMER WEIGHT:</b> ---	<b>DROP:</b> ---	<b>RESPONSIBLE PROFESSIONAL:</b> Susan Gallardo						
		<b>REG. NO.</b> PE 038154						

DEPTH (feet)	SAMPLES				C/M Reading (ppm)	DESCRIPTION	REMARKS
	Sample No.	Sample	Blows/ Foot	Foot		NAME (USCS Symbol): color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCl geo. inter.	
Surface Elevation: ---							
1	UB28-0.5	X				<b>LEAN CLAY (CL)</b> Brown (7.5 5/3), moist, 95% fines, 5% fine sand, low plasticity, soft	
2	UB28-2.5	X					
3		X					
4	UB28-4.5	X					
5		X					
6		X					
7		X					
8		X					
9	UB28-9.0	X					
10		X					
11		X					
12		X					
13		X					
14		X					
15		X					

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PROJECT: UKIAH STATION  
Ukiah, California

Log of Boring No. UB28 (cont.)

DEPTH (feet)	SAMPLES			OVM Reading (rpm)	DESCRIPTION NAME (USCS Symbol): color, moist. % by weight, plast., consistency, structure, cementation, react. w/HCL geo. inter.	REMARKS
	Sample No.	Sample	Blows/ Foot			
16					LEAN CLAY (CL) (continued)	
17						
18						
19						
20						
21					Bottom of boring at 20.0 feet. Borehole destroyed using Basalite Type I-II cement grout installed from total depth to ground surface 3/17/99.	
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						

B-2 (12/85)

<b>PROJECT: UKIAH STATION</b> Ukiah, California	<h2 style="margin: 0;">Log of Boring No. UB29</h2>
--	--

<b>BORING LOCATION:</b> Grassy field, east of passenger station	<b>ELEVATION AND DATUM:</b> ---			
<b>DRILLING CONTRACTOR:</b> Precision Sampling, Incorporated	<b>DATE STARTED:</b> 3/16/99	<b>DATE FINISHED:</b> 3/16/99		
<b>DRILLING METHOD:</b> Direct push technology	<b>TOTAL DEPTH:</b> 20.0 feet	<b>MEASURING POINT:</b> Ground surface		
<b>DRILLING EQUIPMENT:</b> XD-1	<b>DEPTH TO WATER:</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; text-align: center;">FIRST 16.0 feet</td> <td style="width:50%; text-align: center;">COMPL. 5.5 feet</td> </tr> </table>	FIRST 16.0 feet	COMPL. 5.5 feet
FIRST 16.0 feet	COMPL. 5.5 feet			
<b>SAMPLING METHOD:</b> Enviro-core sampling system / modified California drive sampler	<b>LOGGED BY:</b> Jon Erskine			
<b>HAMMER WEIGHT:</b> ---	<b>DROP:</b> ---	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;"><b>RESPONSIBLE PROFESSIONAL:</b> Susan Gallardo</td> <td style="width:30%;"><b>REG. NO.:</b> PE 038154</td> </tr> </table>	<b>RESPONSIBLE PROFESSIONAL:</b> Susan Gallardo	<b>REG. NO.:</b> PE 038154
<b>RESPONSIBLE PROFESSIONAL:</b> Susan Gallardo	<b>REG. NO.:</b> PE 038154			

DEPTH (feet)	SAMPLES			OVM Reading (opcm)	DESCRIPTION	REMARKS
	Sample No.	Sample	Blows/ Foot		NAME (USCS Symbol); color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCl, geo. inter.	
Surface Elevation: ---						
1	UB29-0.5			0.0	<b>LEAN CLAY (CL)</b> Brown (7.5 4/3), moist, 95% fines, 5% fine sand, medium plasticity, soft	
2	UB29-2.0			0.0		
3						
4	UB29-4.5			0.0	<b>CLAYEY SAND (SC)</b> Brown (7.5Y 4/4), moist, 70% fine to coarse sand, 30% low plasticity fines	
5						
6						
7						
8						
9						
10						
11						
12						
13						
14	UB29-14.5			0.0		
15						

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PROJECT: UKIAH STATION  
Ukiah, California

Log of Boring No. UB29 (cont.)

DEPTH (feet)	SAMPLES				OVM Reading (ppm)	DESCRIPTION <small>NAME (USCS Symbol): color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCl. pec. inter.</small>	REMARKS
	Sample No.	Sample	Blows/ Foot	Foot			
16						CLAYEY SAND (SC) (continued)	
17						CLAYEY SAND with GRAVEL (SC) Brown (7.5Y 4/3), wet, 60% fine to medium sand, 25% low plasticity fines, 15% subangular gravel up to 1-inch in diameter Wet	
18							
19							
20							
21						Bottom of boring at 20.0 feet. Borehole destroyed using Basalite Type I-II cement grout installed from total depth to ground surface 3/16/99.	
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							

B-2 (12/95)

PROJECT: UKIAH STATION  
Ukiah, California

# Log of Boring No. UB30

BORING LOCATION: Grassy field, east of beverage distributor

ELEVATION AND DATUM:  
---

DRILLING CONTRACTOR: Precision Sampling, Incorporated

DATE STARTED:  
3/16/99

DATE FINISHED:  
3/16/99

DRILLING METHOD: Direct push technology

TOTAL DEPTH:  
20.0 feet

MEASURING POINT:  
Ground surface

DRILLING EQUIPMENT: XD-1

DEPTH TO WATER: FIRST 7.0 feet COMPL. ---

SAMPLING METHOD: Enviro-core sampling system / modified California drive sampler

LOGGED BY:  
Jon Erskine

HAMMER WEIGHT: ---

DROP: ---

RESPONSIBLE PROFESSIONAL:  
Susan Gallardo

REG. NO.  
PE 038154

DEPTH (feet)	SAMPLES				OVM Reading (ppm)	DESCRIPTION NAME (USCS Symbol): color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: ---	REMARKS
	Sample No.	Sample	Blows/ Foot	Foot			
0.5	UB30-0.5				0.0	<b>LEAN CLAY (CL)</b> Brown (7.5 4/3), moist, 95% fines, 5% fine sand, low to medium plasticity, soft	
2.0	UB30-2.0						
4.5	UB30-4.5				0.0		
7.0							
8.0					1.0	<b>POORLY-GRADED GRAVEL with SAND (GP)</b> Brown (7.5 4/3), wet, 75% fine to coarse gravel (0.75 to 1.25-inches in diameter), 20% fine to coarse sand, 5% low plasticity fines  Wet	
12.0						<b>POORLY-GRADED SAND with CLAY and GRAVEL (SP-SC)</b> Brown 7.5 4/2, wet, 60% fine to coarse sand, 30% fine to coarse gravel (0.75 to 1.25-inches in diameter), 10% low plasticity fines	
13.0							
14.0							
15.0							

B-1 (12/95)

Project No. 2770.10

Geomatrix Consultants

Figure ---

PROJECT: UKIAH STATION  
Ukiah, California

**Log of Boring No. UB30 (cont.)**

DEPTH (feet)	SAMPLES			OVM Reading (ppm)	DESCRIPTION NAME (USCS Symbol); color, moist. % by weight, plast. consistency, structure, cementation, react. w/HCl, geo. Inter.	REMARKS
	Sample No.	Sample	Blows/ Foot			
16					POORLY-GRADED SAND with CLAY and GRAVEL (SP-SC) (continued)	
17						
18					Bottom of boring at 20.0 feet. Borehole destroyed using Basalite Type I-II cement grout installed from total depth to ground surface 3/16/99.	
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						

B-2 (12/85)

<b>PROJECT: UKIAH STATION</b> Ukiah, California	<h2 style="margin: 0;">Log of Boring No. UB31</h2>
--	--

<b>BORING LOCATION:</b> Grassy field, east of passenger station	<b>ELEVATION AND DATUM:</b> ---			
<b>DRILLING CONTRACTOR:</b> Precision Sampling, Incorporated	<b>DATE STARTED:</b> 3/16/99	<b>DATE FINISHED:</b> 3/16/99		
<b>DRILLING METHOD:</b> Direct push technology	<b>TOTAL DEPTH:</b> 20.0 feet	<b>MEASURING POINT:</b> Ground surface		
<b>DRILLING EQUIPMENT:</b> XD-1	<b>DEPTH TO WATER:</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; text-align: center;">FIRST 8.0 feet</td> <td style="width:50%; text-align: center;">COMPL. 6.0 feet</td> </tr> </table>	FIRST 8.0 feet	COMPL. 6.0 feet
FIRST 8.0 feet	COMPL. 6.0 feet			
<b>SAMPLING METHOD:</b> Enviro-core sampling system / modified California drive sampler	<b>LOGGED BY:</b> Jon Erskine			
<b>HAMMER WEIGHT:</b> ---	<b>DROP:</b> ---	<b>RESPONSIBLE PROFESSIONAL:</b> Susan Gallardo		
		<b>REG. NO.</b> PE 038154		

DEPTH (feet)	SAMPLES				OVM Reading (ppm)	DESCRIPTION	REMARKS
	Sample No.	Sample	Blows/ Foot	Foot		NAME (USCS Symbol): color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCl, geo. inter.	
	Surface Elevation: ---						
1	UB31-0.5				0.0	<b>LEAN CLAY (CL)</b> Brown (7.5 4/3), moist, 95% fines, 5% fine sand, low to medium plasticity, soft	
2	UB31-2.0						
4	UB31-4.5						
7	UB31-7.5						
8						<b>POORLY-GRADED SAND with CLAY and GRAVEL (SP-SC)</b> Brown (7.5 4/3), moist, 70% medium to coarse sand, 20% subangular gravel up to 1-inch in diameter, 10% low plasticity fines  Wet	
9							
10							
11							
12							
13							
14							
15							

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PROJECT: UKIAH STATION  
Ukiah, California

**Log of Boring No. UB31 (cont.)**

DEPTH (feet)	SAMPLES			OVM Reading (ppm)	DESCRIPTION <small>NAME (USCS Symbol): color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCl, geo. inter.</small>	REMARKS
	Sample No.	Sample Blows/ Foot	Foot			
16				0.0	POORLY-GRADED SAND with CLAY and GRAVEL (SP-SC) (continued)	
17						
18						
19						
20						
21					Bottom of boring at 20.0 feet. Borehole destroyed using Basalite Type I-II cement grout installed from total depth to ground surface 3/16/99.	
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						

B-2 (12/95)

<b>PROJECT: UKIAH STATION</b> Ukiah, California	<h2 style="margin: 0;">Log of Boring No. UB32</h2>
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BORING LOCATION: Grassy field, east of passenger station		ELEVATION AND DATUM: ---	
DRILLING CONTRACTOR: Precision Sampling, Incorporated		DATE STARTED: 3/16/99	DATE FINISHED: 3/16/99
DRILLING METHOD: Direct push technology		TOTAL DEPTH: 20.0 feet	MEASURING POINT: Ground surface
DRILLING EQUIPMENT: XD-1		DEPTH TO WATER: FIRST	COMPL.
SAMPLING METHOD: Enviro-core sampling system / modified California drive sampler		LOGGED BY: Jon Erskine	
HAMMER WEIGHT: ---	DROP: ---	RESPONSIBLE PROFESSIONAL: Susan Gallardo	REG. NO. PE 038154

DEPTH (feet)	SAMPLES			OVM Reading (ppm)	DESCRIPTION	REMARKS
	Sample No.	Sample	Blows/ Foot		NAME (USCS Symbol): color, moist, % by weight., plast., consistency, structure, cementation, react. w/HCl. geo. inter.	
1	UB32-0.5			0.0	<b>LEAN CLAY (CL)</b> Brown (7.5 4/3), moist, 95% fines, 5% fine sand, low plasticity, soft	
2	UB32-2.0					
4	UB32-4.5					
7	UB32-7.5			0.0	<b>POORLY-GRADED GRAVEL with CLAY and SAND (GP-GC)</b> Brown (7.5 4/3), wet, 70% fine to coarse subangular gravel (up to 0.75 to 1.25-inches in diameter), 20% medium to coarse sand, 10% low plasticity fines  Wet	
8						
9						
10						
11						
12						
13						
14						
15						

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PROJECT: UKIAH STATION  
Ukiah, California

**Log of Boring No. UB32 (cont.)**

DEPTH (feet)	SAMPLES			OVM Reading (ppm)	DESCRIPTION <small>NAME (USCS Symbol): color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCl geo. Inter.</small>	REMARKS
	Sample No.	Sample	Blows/ Foot			
16					POORLY-GRADED GRAVEL with CLAY and SAND (GP-GC) (continued)	
17					CLAYEY SAND with GRAVEL (SC) Brown (7.5 4/3), wet, 60% fine to medium sand, 25% low plasticity fines, 15% subangular gravel up to 1-inch in diameter	
19						
20					Bottom of boring at 20.0 feet. Borehole destroyed using Basalite Type I-II cement grout installed from total depth to ground surface 3/16/99.	
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						

B-2 (12/95)

<b>PROJECT: UKIAH STATION</b> Ukiah, California	<h2 style="margin: 0;">Log of Boring No. UB33</h2>
--	--

<b>BORING LOCATION:</b> Grassy field, south of Perkins Street	<b>ELEVATION AND DATUM:</b> ---			
<b>DRILLING CONTRACTOR:</b> Precision Sampling, Incorporated	<b>DATE STARTED:</b> 3/16/99	<b>DATE FINISHED:</b> 3/16/99		
<b>DRILLING METHOD:</b> Direct push technology	<b>TOTAL DEPTH:</b> 16.0 feet	<b>MEASURING POINT:</b> Ground surface		
<b>DRILLING EQUIPMENT:</b> XD-1	<b>DEPTH TO WATER:</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; text-align: center;">FIRST 10.0 feet</td> <td style="width:50%; text-align: center;">COMPL. 6.0 feet</td> </tr> </table>	FIRST 10.0 feet	COMPL. 6.0 feet
FIRST 10.0 feet	COMPL. 6.0 feet			
<b>SAMPLING METHOD:</b> Enviro-core sampling system / modified California drive sampler	<b>LOGGED BY:</b> Jon Erskine			
<b>HAMMER WEIGHT:</b> ---	<b>DROP:</b> ---	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;"><b>RESPONSIBLE PROFESSIONAL:</b> Susan Gallardo</td> <td style="width:50%;"><b>REG. NO.:</b> PE 038154</td> </tr> </table>	<b>RESPONSIBLE PROFESSIONAL:</b> Susan Gallardo	<b>REG. NO.:</b> PE 038154
<b>RESPONSIBLE PROFESSIONAL:</b> Susan Gallardo	<b>REG. NO.:</b> PE 038154			

DEPTH (feet)	SAMPLES					OVM Reading (ppm)	DESCRIPTION	REMARKS
	Sample No.	Sample	Blows/	Foot	Foot		NAME (USCS Symbol): color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCl, geo. inter.	
Surface Elevation: ---								
1	UB33-0.5						<b>LEAN CLAY (CL)</b> Brown (7.5 4/3), moist, 90% fines, 10% fine sand, low plasticity, soft	
2	UB33-2.0							
4	UB33-4.5							
6								
7							<b>POORLY-GRADED GRAVEL with SAND (GP-GC)</b> Brown (7.5 4/4), moist, 60% fine to coarse subangular gravel (up to 1.25-inches in diameter), 35% fine to coarse sand, 5% low plasticity fines	
8								
9								
10								
11								
12								
13								
14								
15								
					Wet ↓			

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PROJECT: UKIAH STATION  
Ukiah, California

**Log of Boring No. UB33 (cont.)**

DEPTH (feet)	SAMPLES				OVM Reading (ppm)	DESCRIPTION <small>NAME (USCS Symbol); color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCl, geo. inter.</small>	REMARKS
	Sample No.	Sample	Blows/ Foot	Foot			
16						POORLY-GRADED GRAVEL with SAND (GP-GC) (continued)	
17						Bottom of boring at 16.0 feet. Borehole destroyed using Basalite Type I-II cement grout installed from total depth to ground surface 3/16/99.	
18							
19							
20							
21							
22							
23							
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33							

B-2 (12/95)

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PROJECT: UKIAH STATION  
Ukiah, California

# Log of Boring No. UB34

BORING LOCATION: Southeast corner of roundhouse

ELEVATION AND DATUM:  
---

DRILLING CONTRACTOR: Precision Sampling, Incorporated

DATE STARTED:  
3/17/99

DATE FINISHED:  
3/17/99

DRILLING METHOD: Direct push technology

TOTAL DEPTH:  
16.0 feet

MEASURING POINT:  
Ground surface

DRILLING EQUIPMENT: XD-1

DEPTH TO WATER: FIRST 10.0 feet

COMPL. ---

SAMPLING METHOD: Enviro-core sampling system

LOGGED BY:  
Jon Erskine

HAMMER WEIGHT: ---

DROP: ---

RESPONSIBLE PROFESSIONAL:  
Susan Gallardo

REG. NO.  
PE 038154

DEPTH (feet)	SAMPLES			OVM Reading (ppm)	DESCRIPTION NAME (USCS Symbol); color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCl, geo. inter.  Surface Elevation: ---	REMARKS
	Sample No.	Sample	Blows/ Foot			
1					<b>CLAYEY SAND with GRAVEL (SC)</b> Brown (7.5 5/3), moist, 40% fine to coarse sand, 30% fine angular gravel up to 0.75-inch in diameter, 30% low plasticity fines	
2						
3						
4					<b>LEAN CLAY (CL)</b> Brown (7.5 5/3), moist, 90% fines, 10% fine to coarse sand, low to medium plasticity, soft	
5						
6						
7					<b>CLAYEY SAND with GRAVEL (SC)</b> Brown (7.5 5/3), moist, 40% fine to coarse sand, 30% fine to coarse angular gravels up to 1.25-inches in diameter, 30% low plasticity fines	
8						
9						
10					Wet	
11						
12						
13						
14						
15						

B-1 (12/95)

PROJECT: UKIAH STATION  
Ukiah, California

**Log of Boring No. UB34 (cont.)**

DEPTH (feet)	SAMPLES				OVM Reading (ppm)	DESCRIPTION <small>NAME (USCS Symbol): color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCl. geo. inter.</small>	REMARKS
	Sample No.	Sample	Blows/ Foot				
16						CLAYEY SAND with GRAVEL (SC) (continued)	
17						Bottom of boring at 16.0 feet. Borehole destroyed using Basalite Type I-II cement grout installed from total depth to ground surface 3/16/99.	
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							

B-2 (12/85)

<b>PROJECT: UKIAH STATION</b> Ukiah, California	<h2 style="margin: 0;">Log of Boring No. UB35</h2>
--	--

<b>BORING LOCATION:</b> Roundhouse near Earl's Auto fence line	<b>ELEVATION AND DATUM:</b> ---
--	------------------------------------

<b>DRILLING CONTRACTOR:</b> Precision Sampling, Incorporated	<b>DATE STARTED:</b> 3/17/99	<b>DATE FINISHED:</b> 3/17/99
--	---------------------------------	----------------------------------

<b>DRILLING METHOD:</b> Direct push technology	<b>TOTAL DEPTH:</b> 16.0 feet	<b>MEASURING POINT:</b> Ground surface
--	----------------------------------	---

<b>DRILLING EQUIPMENT:</b> XD-1	<b>DEPTH TO WATER:</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; padding: 2px;">FIRST 10.0 feet</td> <td style="width:50%; padding: 2px;">COMPL. ---</td> </tr> </table>	FIRST 10.0 feet	COMPL. ---
FIRST 10.0 feet	COMPL. ---			

<b>SAMPLING METHOD:</b> Enviro-core sampling system	<b>LOGGED BY:</b> Jon Erskine
---	----------------------------------

<b>HAMMER WEIGHT:</b> ---	<b>DROP:</b> ---	<b>RESPONSIBLE PROFESSIONAL:</b> Susan Gallardo	<b>REG. NO.:</b> PE 038154
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DEPTH (feet)	SAMPLES				OVM Reading (ppm)	DESCRIPTION	REMARKS
	Sample No.	Sample	Blows/ Foot			NAME (USCS Symbol): color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCl, geo. inter.	
Surface Elevation: ---							
1						<b>CLAYEY SAND with GRAVEL (SC)</b> Brown (7.5 5/4), moist, 40% fine to coarse sand, 30% fine gravel up to 0.75-inch in diameter, 30% low plasticity fines	
2							
3							
4							
5							
6							
7						Increase in gravel size up to 1.25-inches in diameter	
8							
9							
10						Wet	
11							
12							
13							
14							
15							

s:\2770.10\ussos 9904\boos\ UB 35 01.a

PROJECT: UKIAH STATION  
Ukiah, California

Log of Boring No. UB35 (cont.)

DEPTH (feet)	SAMPLES				CVM Reading (ppm)	DESCRIPTION <small>NAME (USCS Symbol); color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCl, geo. inter.</small>	REMARKS
	Sample No.	Sample	Blows/ Foot				
16						CLAYEY SAND with GRAVEL (SC) (continued)	
17						Bottom of boring at 16.0 feet. Borehole destroyed using Basalite Type I-II cement grout installed from total depth to ground surface 3/17/99.	
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							

B-2 (12/95)

s:\2770.10\usgs\_9904\logs\_UB\_35\_02.ai

<b>PROJECT: UKIAH STATION</b> Ukiah, California	<h2 style="margin: 0;">Log of Boring No. UB36</h2>
--	--

BORING LOCATION: Fence line west of beverage distributor	ELEVATION AND DATUM: ---	
DRILLING CONTRACTOR: Precision Sampling, Incorporated	DATE STARTED: 3/17/99	DATE FINISHED: 3/17/99
DRILLING METHOD: Direct push technology	TOTAL DEPTH: 19.0 feet	MEASURING POINT: Ground surface
DRILLING EQUIPMENT: XD-1	DEPTH TO WATER: FIRST	COMPL.
SAMPLING METHOD: Enviro-core sampling system	6.0 feet	6.0 feet
HAMMER WEIGHT: ---	LOGGED BY: Jon Erskine	
DROP: ---	RESPONSIBLE PROFESSIONAL: Susan Gallardo	REG. NO.: PE 038154

DEPTH (feet)	SAMPLES				OVM Reading (gpm)	DESCRIPTION	REMARKS
	Sample No.	Sample	Blows/ Foot	Foot		NAME (USCS Symbol): color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCL geo. Inter.	
						Surface Elevation: ---	
1		X				<p><b>LEAN CLAY (CL)</b>            Brown (7.5 4/3), moist, 95% fines, 5% fine sand, low plasticity, soft</p> <p style="margin-top: 400px;">Wet</p>	
2		X					
3		X					
4		X					
5		X					
6		X					
7		X					
8		X					
9		X					
10		X					
11		X					
12		X					
13		X					
14		X					
15		X					

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PROJECT: UKIAH STATION  
Ukiah, California

Log of Boring No. UB36 (cont.)

DEPTH (feet)	SAMPLES			OVM Reading (ppm)	DESCRIPTION NAME (USCS Symbol); color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCl, geo. inter.	REMARKS	
	Sample No.	Sample Blows/ Foot					
16					LEAN CLAY (CL) (continued)		
17							
18							
19							
20						Bottom of boring at 19.0 feet. Borehole destroyed using Basalite Type I-II cement grout installed from total depth to ground surface 3/17/99.	
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							

B-2 (12/95)

PROJECT: UKIAH STATION Ukiah, California		<b>Log of Boring No. UB37</b>	
BORING LOCATION: Fence line west of passenger station		ELEVATION AND DATUM: ---	
DRILLING CONTRACTOR: Precision Sampling, Incorporated		DATE STARTED: 3/17/99	DATE FINISHED: 3/17/99
DRILLING METHOD: Direct push technology		TOTAL DEPTH: 19.0 feet	MEASURING POINT: Ground surface
DRILLING EQUIPMENT: XD-1		DEPTH TO WATER:	FIRST 6.0 feet COMPL. 6.0 feet
SAMPLING METHOD: Enviro-core sampling system		LOGGED BY: Jon Erskine	
HAMMER WEIGHT: ---	DROP: ---	RESPONSIBLE PROFESSIONAL: Susan Gallardo	REG. NO. PE 038154

DEPTH (feet)	SAMPLES			CVM Reading (ppm)	DESCRIPTION	REMARKS
	Sample No.	Sample	Blows/ Foot		NAME (USCS Symbol): color, moist, % by weight, plast. consistency, structure, cementation, react. w/HCl, geo. inter.  Surface Elevation: ---	
1					<b>CLAYEY SAND (SC)</b> Brown (7.5 4/3), moist, 60% fine to coarse sand, 40% low plasticity fines  Wet	
2				0.0		
3						
4						
5						
6						
7						
8						
9						
10						
11				0.0	<b>LEAN CLAY (CL)</b> Brown (7.5 5/3), moist, 95% fines, 5% fine sand, medium plasticity, soft	
12						
13						
14						
15						

2770.10 User Condition IPR 37 01 a1

PROJECT: UKIAH STATION  
Ukiah, California

**Log of Boring No. UB37 (cont.)**

DEPTH (feet)	SAMPLES			OVM Reading (ppm)	DESCRIPTION NAME (USCS Symbol): color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCl. geo. inter.	REMARKS
	Sample No.	Sample	Blows/ Foot			
16		X			LEAN CLAY (CL) (continued)	
17						
18		X			Bottom of boring at 19.0 feet. Borehole destroyed using Basalite Type I-II cement grout installed from total depth to ground surface 3/17/99.	
19		X				
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						

B-2 (12/85)

PROJECT: UKIAH STATION Ukiah, California		<b>Log of Boring No. UB38</b>	
BORING LOCATION: West of former 65-foot turntable		ELEVATION AND DATUM: ---	
DRILLING CONTRACTOR: Precision Sampling, Incorporated		DATE STARTED: 3/18/99	DATE FINISHED: 3/18/99
DRILLING METHOD: Direct push technology		TOTAL DEPTH: 7.0 feet	MEASURING POINT: Ground surface
DRILLING EQUIPMENT: XD-1		DEPTH TO WATER: FIRST	COMPL.
SAMPLING METHOD: Enviro-core sampling system / modified California drive sampler		LOGGED BY: Jon Erskine	
HAMMER WEIGHT: ---	DROP: ---	RESPONSIBLE PROFESSIONAL: Susan Gallardo	REG. NO. PE 038154

DEPTH (feet)	SAMPLES			OVM Reading (ppt)	DESCRIPTION NAME (USCS Symbol); color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCl geo. inter.  Surface Elevation: ---	REMARKS
	Sample No.	Sample	Blows/ Foot			
0.5	UB38-0.5	█			LEAN CLAY (CL) Brown (7.5 4/3), moist, 100% fines, low to medium plasticity, soft	
2.0	UB38-2.0	█				
3.0		█				
4.5	UB38-4.5	█				
6.0	UB38-6.0	█				
7.0		█				
7.0						Bottom of boring at 7.0 feet. Borehole destroyed using Basalite Type I-II cement grout installed from total depth to ground surface 3/18/99.
8.0						
9.0						
10.0						
11.0						
12.0						
13.0						
14.0						
15.0						

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PROJECT: UKIAH STATION Ukiah, California		<b>Log of Boring No. UB38</b>	
BORING LOCATION: West of former 65-foot turntable		ELEVATION AND DATUM: ---	
DRILLING CONTRACTOR: Precision Sampling, Incorporated		DATE STARTED: 3/18/99	DATE FINISHED: 3/18/99
DRILLING METHOD: Direct push technology		TOTAL DEPTH: 7.0 feet	MEASURING POINT: Ground surface
DRILLING EQUIPMENT: XD-1		DEPTH TO WATER:	FIRST: --- COMPL.: ---
SAMPLING METHOD: Enviro-core sampling system / modified California drive sampler		LOGGED BY: Jon Erskine	
HAMMER WEIGHT: ---	DROP: ---	RESPONSIBLE PROFESSIONAL: Susan Gallardo	REG. NO. PE 038154

DEPTH (feet)	SAMPLES			OVM Reading (ppm)	DESCRIPTION <small>NAME (USCS Symbol); color, moist, % by weight, plast. consistency, structure, cementation, react. w/HCl, geo. inter.</small>	REMARKS
	Sample No.	Sample	Blows/ Foot			
0.5	UB38-0.5				<b>LEAN CLAY (CL)</b> Brown (7.5 4/3), moist, 100% fines, low to medium plasticity, soft	
2.0	UB38-2.0					
4.5	UB38-4.5					
6.0	UB38-6.0					
7.0					Bottom of boring at 7.0 feet. Borehole destroyed using Basalite Type I-II cement grout installed from total depth to ground surface 3/18/99.	
8.0						
9.0						
10.0						
11.0						
12.0						
13.0						
14.0						
15.0						

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PROJECT: UKIAH STATION Ukiah, California		<b>Log of Boring No. UB39</b>	
BORING LOCATION: Railroad tracks, east of roundtable, north parcel		ELEVATION AND DATUM: ---	
DRILLING CONTRACTOR: Precision Sampling, Incorporated		DATE STARTED: 3/18/99	DATE FINISHED: 3/18/99
DRILLING METHOD: Direct push technology		TOTAL DEPTH: 7.0 feet	MEASURING POINT: Ground surface
DRILLING EQUIPMENT: XD-1		DEPTH TO WATER: FIRST	COMPL.
SAMPLING METHOD: Enviro-core sampling system / modified California drive sampler		LOGGED BY: Jon Erskine	
HAMMER WEIGHT: ---	DROP: ---	RESPONSIBLE PROFESSIONAL: Susan Gallardo	REG. NO. PE 038154

DEPTH (feet)	SAMPLES				OVM Reading (psf)	DESCRIPTION NAME (USCS Symbol): color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCl, geo. inter.  Surface Elevation: ---	REMARKS
	Sample No.	Sample	Blows/ Foot				
0.5	UB39-0.5					SILT (ML) Brown 7.5 4/3, moist, 100% fines, low plasticity, soft	
2.0	UB39-2.0						
4.5	UB39-4.5						
6.0	UB39-6.0						
7.0						Bottom of boring at 7.0 feet. Borehole destroyed using Basalite Type I-II cement grout installed from total depth to ground surface 3/18/99.	
8.0							
9.0							
10.0							
11.0							
12.0							
13.0							
14.0							
15.0							

s:\2770.10\usqs\_9904\logs\UB\_39.a1

<b>PROJECT: UKIAH STATION</b> Ukiah, California		<b>Log of Boring No. UB40</b>		
BORING LOCATION: North of Perkins Street		ELEVATION AND DATUM: ---		
DRILLING CONTRACTOR: Precision Sampling, Incorporated		DATE STARTED: 3/18/99	DATE FINISHED: 3/18/99	
DRILLING METHOD: Direct push technology		TOTAL DEPTH: 16.0 feet	MEASURING POINT: Ground surface	
DRILLING EQUIPMENT: XD-1		DEPTH TO WATER:	FIRST 10.0 feet	COMPL. 7.0 feet
SAMPLING METHOD: Enviro-core sampling system / modified California drive sampler		LOGGED BY: Jon Erskine		
HAMMER WEIGHT: ---		DROP: ---		RESPONSIBLE PROFESSIONAL: Susan Gallardo
				REG. NO. PE 038154

DEPTH (feet)	SAMPLES			OVM Reading (ppm)	DESCRIPTION	REMARKS
	Sample No.	Sample	Blows/ Foot		NAME (USCS Symbol): color, moist, % by weight, plast., consistency, structure, cementation, react. w/HCl, geo. inter.	
					Surface Elevation: ---	
0.5	UB40-0.5	■			<b>LEAN CLAY (CL)</b> Brown (7.5 4/3), moist, 100% fines, medium plasticity, firm	
2.0	UB40-2.0	■				
4.5	UB40-4.5	■				
6.0					<b>CLAYEY SAND (SC)</b> Brown (7.5 4/3), 70% fine to medium sand, 30% low plasticity fines	
10.0					Wet ↓	
15.0						

B-1 (12/95)

NOV 12 '98

PHASE 1 – UKIAH STATION

- LM
- CJ
- FR
- RT
- XH
- SW
- TD
- FILE
- RK
- LR
- TW
- KD
- PG
- JS
- ALL STAFF
- BOARD

The Ukiah Station is located at milepost 114 in the City of Ukiah. According to Stindt (1984, 1985) the Ukiah station served as a water and fuel station. The SPTCo structure record index reports a water tank at the station property. The structure record index and valuation maps list a number of facilities that appear to support fueling and maintenance operations at the station property. These facilities are shown for the northern and southern areas of the station on Figures 7a and 7b, respectively. In the northwestern area of the Site were a five-stall roundhouse, turntable, oil pumphouse, and a large aboveground oil tank. Just east of the tracks in this area was an oil column. Retirement dates of these facilities are not listed in the structure record index. In the southeastern part of the Site were a two-stall roundhouse, turntable, and other facilities that appeared associated with activities at the roundhouse, including a drain sump, oil sump, oil column, and large aboveground oil tank. The service dates of these facilities also are not listed in the structure record index; however, some are listed as being constructed in 1919. Also present in the southern part of the Site was a motor car house; the specific use of this facility is not known. In the south-central area of the Site was a platform with tanks on it operated by Sanderlock and Dawson. The contents of the tanks were not indicated in the structure record index or on the SPTCo valuation maps.

Tool houses were located in both the southwestern and northeastern areas of the Site. An underground gasoline storage tank was located near the northernmost tool house; SPTCo has no record of removal of this UST. There is no record of a UST near the tool house in the southern area of the Site.

Geomatrix reviewed Sanborn maps dated 1893, 1898, 1911, and 1929 that showed portions of the station property. The 1893 map shows only the center of the station property containing the passenger depot. The Sanborn map dated 1898 shows the turntable located in the northern part of the property; a roundhouse is not shown at this time. On the 1911 Sanborn map, the northern turntable continues to be present, and a roundhouse and oil tank are now shown. The 1929 Sanborn map shows the southern part of the station property. At this time, rail spurs servicing a fruit exchange and farmers club are present in this area.

12-9-98



### **Potential Environmental Features Off Site**

Fronting the southeast side of the Ukiah station were facilities operated by the Shell Oil, General Petroleum, and Union Oil of California companies. Each of these petroleum companies had large aboveground oil tanks. Also along the southeast boundary of the station property was the Ukiah Gas Company facility that included two aboveground gasoline tanks. This area is now occupied by Earl's Auto and Tire, Ukiah Recycle and Salvage, and Automotive Service Center.

### **Field Reconnaissance**

A walking reconnaissance was performed in August 1992. Structures and features observed during the reconnaissance that was conducted at the Ukiah station are described below.

### **Ukiah Station**

The Ukiah station is located between milepost 114.3 and 113.8. The passenger station and the former freight station were the only railroad structures observed at the Ukiah station during the field reconnaissance; the former freight station is now a beverage distribution facility. There were no potential environmental features observed in the vicinity of either structure. Several potential environmental features were observed within the Ukiah yard; these features, depicted on Figure 7a and 7b are described below.

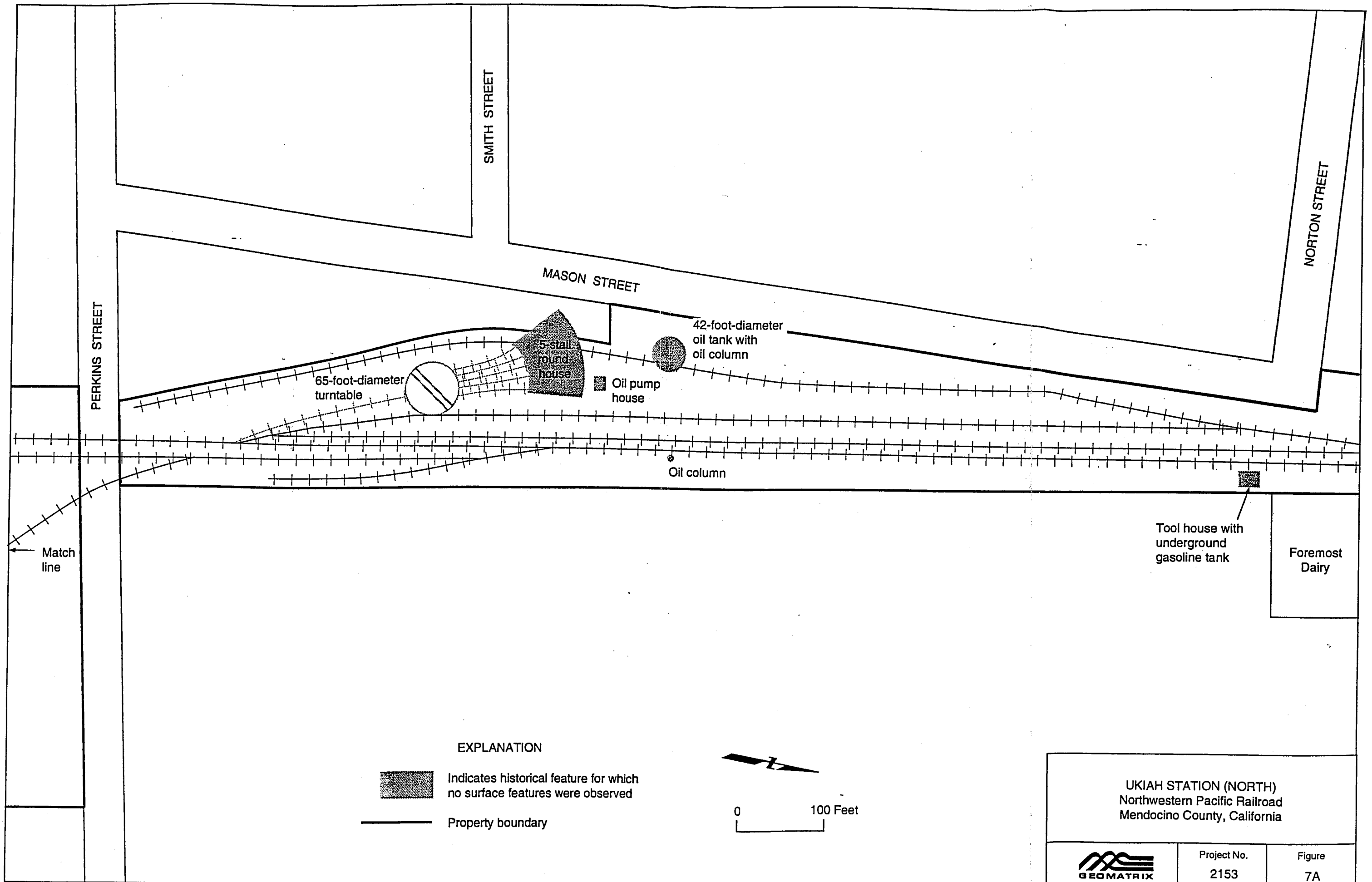
An approximately 75-square-foot surface stain was observed along a fence marking the eastern edge of the station. The stain appears to be waste oil and apparently originates from the adjacent Earl's Auto and Tire facility. A monitoring well was observed on station property approximately 25 feet west of Earl's Auto Tire. As described in the following section, this well was installed as part of the environmental characterization being performed at Earl's Auto and Tire.

A large debris pile consisting of concrete, scrap metal, and lumber, and soil was observed in the south-central area of the yard; surface staining was not observed near the debris pile.



Evidence of recent soil excavation or scraping was observed in the southwest area of the yard. Surface staining was not observed near the excavated area.

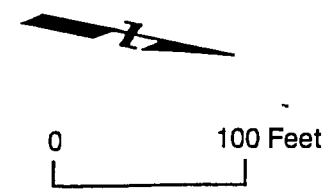
### **Review of Agency Files**


Regulatory sites located in Ukiah are typically less than ¼ mile from the rail line. Of specific note and immediately adjacent to the Ukiah station is Earl's Auto & Tire. This property was formerly part of a "bulk row plant." Tetrachloroethene (PCE) has been detected on this site and in an upgradient well on the Ukiah station property. Additionally, free petroleum product has been observed in monitoring wells at this facility.

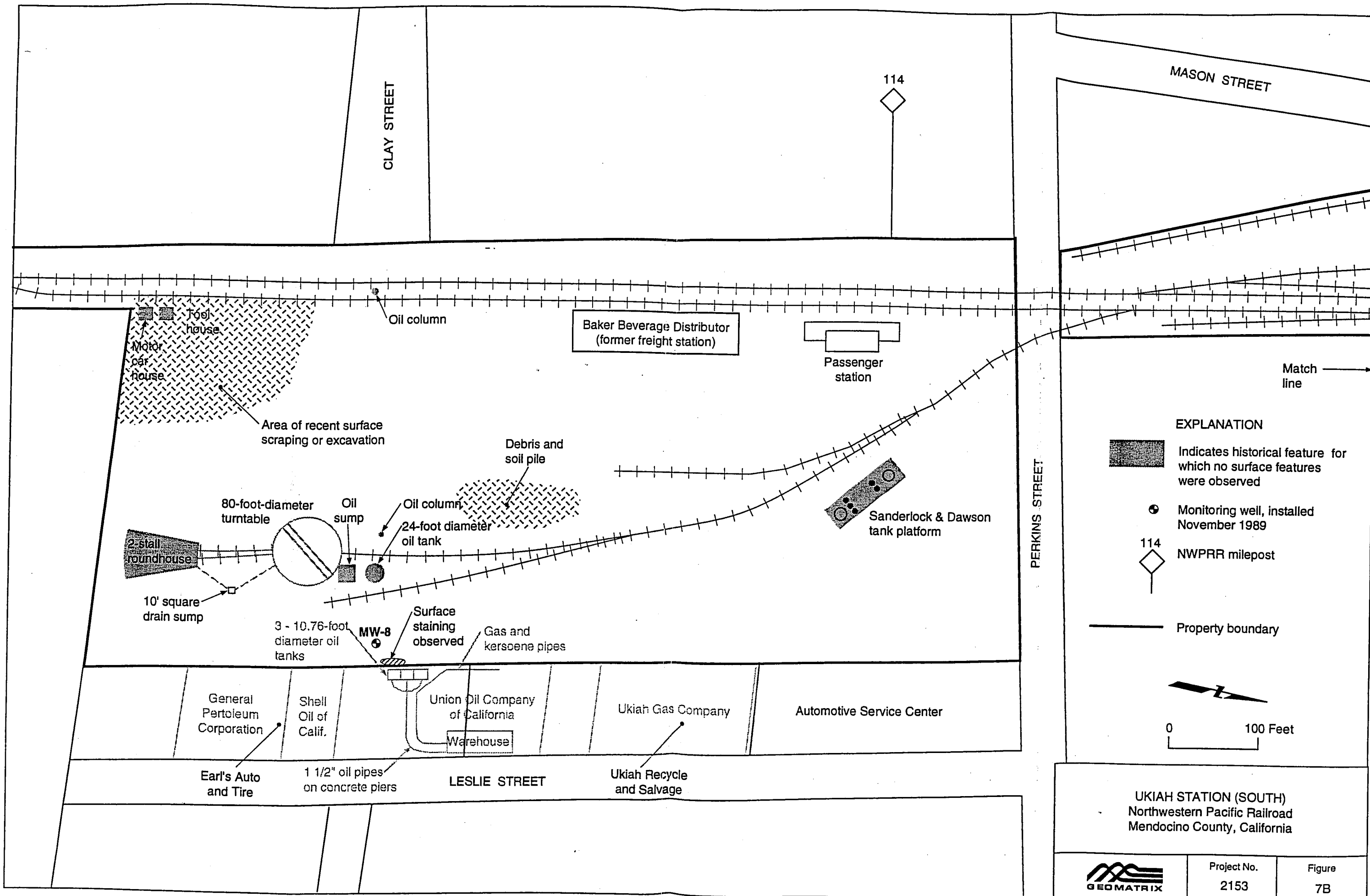


EXPLANATION

-  Indicates historical feature for which no surface features were observed
-  Property boundary



UKIAH STATION (NORTH) Northwestern Pacific Railroad Mendocino County, California		
	Project No. 2153	Figure 7A



MASON STREET

CLAY STREET

114

Baker Beverage Distributor  
(former freight station)

Passenger station

Motor car house  
Tool house

Area of recent surface  
scraping or excavation

Debris and  
soil pile

2-stall  
roundhouse

80-foot-diameter  
turntable

Oil sump

Oil column  
24-foot diameter  
oil tank

Sanderlock & Dawson  
tank platform

10' square  
drain sump

3 - 10.76-foot  
diameter oil tanks

MW-8

Surface  
staining  
observed

Gas and  
kerosene pipes

General  
Petroleum  
Corporation

Shell  
Oil of  
Calif.

Union Oil Company  
of California  
Warehouse

Ukiah Gas Company

Automotive Service Center

Earl's Auto  
and Tire

1 1/2" oil pipes  
on concrete piers

LESLIE STREET

Ukiah Recycle  
and Salvage

PERKINS STREET

Match  
line

EXPLANATION

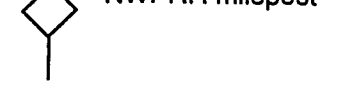


Indicates historical feature for  
which no surface features  
were observed



Monitoring well, installed  
November 1989

114



NWPRR milepost



Property boundary



0 100 Feet

UKIAH STATION (SOUTH)  
Northwestern Pacific Railroad  
Mendocino County, California



Project No.  
2153

Figure  
7B

## **PHASE II - SAMPLING PROGRAM**

### **MILEPOST 114.0 (UKIAH STATION)**

#### **General**

The Ukiah Station is located approximately between mileposts 113.8 and 114.3 in the City of Ukiah and reportedly functioned as a water, fueling, and maintenance station. As shown on Figures 18A and 18B, the southeastern and northwestern portions of the Ukiah Station property were excluded from the current sale boundaries; the former maintenance areas were located in the excluded portions of the station. The Phase II sampling program was developed for the portion of the Ukiah Station within the sale property to evaluate whether significant environmental impact to soil may have occurred due to the proximity of the former maintenance and fueling operations, and from potential chemical usage and handling that may have occurred throughout the station property.

An apparent 230-gallon UST at Ukiah Station was located during the geophysical survey. The location of the UST is shown on Figure 18B. The UST was removed on 7 September 1995; a report documenting the removal and analytical results for a confirmation soil sample collected at the time of the UST removal is included in Appendix D. Based on the results of the confirmation sample indicating that no constituents analyzed were present at concentrations above method reporting limits, no further action pertaining to the UST is recommended. The Mendocino County Department of Public Health, Division of Environmental Health, closed the UST, as documented in their 3 January 1996 letter. A copy of this letter also is included in Appendix D.

#### **Sampling Program**

Phase II random sampling was performed in the southern portion of the sale property to evaluate potentially significant environmental impacts to soil. This methodology was used because the site historically operated as a fueling and maintenance station, and no information is available that specifically delineates where all chemical handling activities occurred.

For the Phase II program, 14 borings were drilled at the locations shown on Figure 18A. Four additional borings were drilled in the northern portion of the property along the railroad alignment at approximately evenly-spaced intervals. Soil samples were collected from four depths in each boring and composited into one sample per boring for chemical analysis. Each composite sample was analyzed for TPHd, TPHm, SVOCs, and metals. In addition, one discrete soil sample was collected from each of five borings (UB4, UB7, UB10, UB12, and UB18) for VOC analysis. Groundwater was encountered at depths of approximately 8 to 16 feet bgs at the time of drilling.

Phase III samples were collected from four additional borings surrounding Phase II boring location UB15 (designated UB19, UB20, UB21, and UB22, Figure 18B) to further evaluate the presence of lead and zinc. Soil samples were collected from each boring at three discrete depths (0.5, 2.0, and 4.5 feet bgs). Samples were analyzed sequentially, as described in Section 2.3. Initially, the top two samples from each boring were analyzed for lead and zinc. Deeper samples were analyzed based on the results of the initial samples. Groundwater was not encountered during drilling.

### **Analytical Results**

TPHd, TPHm, and SVOCs were not detected above method reporting limits in the Phase II composite samples, and VOCs were not detected above method reporting limits in the discrete samples. No metals were present at concentrations greater than the screening criteria in Phase II samples, except lead and zinc in the composite sample from boring UB15 (Table 3).

Lead concentrations in the Phase III soil samples (from borings UB19 through UB22, Figure 18B), ranged from 7 to 460 mg/kg; zinc concentrations ranged from 36 to 680 mg/kg in these samples (Table 3). Elevated concentrations of these metals relative to the screening criteria (Section 5.1) were confined to the shallowest interval sampled (0.5 feet bgs) at all locations except UB21, where lead and zinc were also elevated in the sample from 2.0 feet bgs. However, concentrations in the deeper sample from this location (4.5 feet bgs) were lower than the screening criteria.

## **Discussion**

Lead and zinc were detected at elevated concentrations relative to the screening criteria in the Phase II composite sample collected from boring UB15 and in 4 of the 10 Phase III samples. The results indicate that elevated lead and zinc concentrations are confined to shallow soil less than 2.0 feet bgs in this area, with the exception of boring UB21, where elevated lead and zinc appear to be confined to the upper 4.5 feet bgs. Zinc and lead concentrations in all samples analyzed were significantly less than the remedial criteria (Section 5.2). Based on these results, we recommend no further action at this location.

**TABLE 2**

**ANALYTICAL RESULTS<sup>1</sup>  
FOR ORGANICS IN SOIL SAMPLES  
PHASE II AND PHASE III PROGRAMS**  
Northwestern Pacific Railroad Corridor  
Novato to Willits, California

Site Name	Sample Name	Date Collected	Sample Depth, ft. (below final ground surface) <sup>2</sup>	TPH <sup>3</sup> as Gasoline (mg/kg)	TPH as Diesel (mg/kg)	TPH as Motor Oil (mg/kg)	Volatile Organic Compounds <sup>4</sup> (mg/kg)	Semi-Volatile Organic Compounds <sup>5</sup> (mg/kg)	PCBs <sup>6</sup> (mg/kg)
Ukiah Station MP 114.00	UB1-C	7/21/95	1.5, 5.0, 9.5, 14.0	---	<10	<100	---	ND <sup>8</sup>	---
	UB2-C	7/21/95	1.5, 4.0, 6.5, 9.0	---	<10	<100	---	ND	---
	UB3-C	7/21/95	2.5, 6.5, 11.0, 15.5	---	<10	<100	---	ND	---
	UB4-C	7/21/95	1.5, 3.5, 6.5, 8.0	---	<10	<100	---	ND	---
	UB4-6.0	7/21/95	6.0	---	---	---	ND	---	---
	UB5-C	7/21/95	1.5, 4.0, 7.0, 9.0	---	<10	<100	---	ND	---
	UB6-C	7/20/95	1.5, 3.0, 6.0, 7.5	---	<10	<100	---	ND	---
	UB7-C	7/20/95	1.5, 4.0, 7.0, 9.5	---	<10	<100	---	ND	---
	UB7-6.0	7/20/95	6.0	---	---	---	ND	---	---
	UB8-C	7/21/95	1.0, 4.0, 6.5, 9.0	---	<10	<100	---	ND	---
UB9-C	7/21/95	2.0, 6.0, 10.0, 14.0	---	<10	<100	---	ND	---	
UB10-C	7/21/95	1.5, 4.5, 8.0, 11.0	---	<10	<100	---	ND	---	



**TABLE 2**

**ANALYTICAL RESULTS<sup>1</sup>  
FOR ORGANICS IN SOIL SAMPLES  
PHASE II AND PHASE III PROGRAMS**  
Northwestern Pacific Railroad Corridor  
Novato to Willits, California

Site Name	Sample Name	Date Collected	Sample Depth, ft. (below final ground surface) <sup>2</sup>	TPH <sup>3</sup> as Gasoline (mg/kg)	TPH as Diesel (mg/kg)	TPH as Motor Oil (mg/kg)	Volatile Organic Compounds <sup>4</sup> (mg/kg)	Semi-Volatile Organic Compounds <sup>5</sup> (mg/kg)	PCBs <sup>6</sup> (mg/kg)	
Ukiah Station MP 114.00 (cont.)	UB10-6.5	7/21/95	6.5	---	---	---	ND	---	---	
	UB11-C	7/20/95	2.5, 5.0	---	<10	<100	---	ND	---	
			7.5, 10.5							
	UB12-C	7/20/95	2.0, 4.0	---	<10	<100	---	ND	---	
			6.5, 9.0							
	UB12-5.5	7/20/95	5.5	---	---	---	ND	---	---	
	UB13-C	7/20/95	1.0, 4.5	---	<10	<100	---	---	ND	---
			8.0, 11.5							
	UB14-C	7/20/95	2.5, 5.0	---	<10	<100	---	---	ND	---
			8.0, 11.0							
	UB15-C	7/24/95	1.5, 4.0	---	<10	<100	---	---	ND	---
			6.5, 9.5							
	UB16-C	7/24/95	1.0, 3.0	---	<10	<100	---	---	ND	---
			5.5, 8.0							
	UB17-C	7/24/95	1.5, 4.0	---	<10	<100	---	---	ND	---
			6.5, 9.5							
	UB18-C	7/24/95	1.0, 3.5	---	<10	<100	---	---	ND	---
			6.5, 9.0							
UB18-6.0	7/24/95	6.0	---	---	---	ND	---	---	---	

**TABLE 2**

**ANALYTICAL RESULTS<sup>1</sup>  
FOR ORGANICS IN SOIL SAMPLES  
PHASE II AND PHASE III PROGRAMS**  
Northwestern Pacific Railroad Corridor  
Novato to Willits, California

Notes:

1. Chemical analyses performed by PACE, Inc., of Novato, California; GTEL Environmental Laboratories, Inc., of Concord, California; or Friedman & Bruya, Inc., of Seattle, Washington. Laboratory analytical reports detailing the analyses performed, method detection limits for each constituent, and analytical results are included in Appendix B.
2. If more than one sample depth is shown, discrete samples from the depths shown were composited into one sample for analysis.
3. TPH = Total petroleum hydrocarbons quantified as gasoline, diesel, or motor oil. Analyses by modified EPA Method 8015.
4. Volatile organic compounds analyzed by EPA Test Method 8240. Only those compounds shown in this table were detected.
5. Semi-volatile organic compounds analyzed by EPA Test Method 8270. Only those compounds shown in this table were detected.
6. PCBs = polychlorinated biphenols. Analyses by EPA Method 8080.
7. --- indicates sample not analyzed by that method.
8. ND = no constituent detected at a concentration greater than the method detection limit.

**TABLE 3**

**ANALYTICAL RESULTS<sup>1</sup>  
FOR METALS IN SOIL SAMPLES  
PHASE II AND PHASE III PROGRAMS  
Northwestern Pacific Railroad Corridor  
Novato to Willits, California**

Site Name	Sample Name	Date Sampled	Sample Depth, Ft	Metals <sup>2</sup> (mg/kg)																
				Ag	As	Ba	Be	Cd	Co	Total Cr	Cu	Hg	Mo	Ni	Pb	Sb	Se	Tl	V	Zn
Ukiah Station MP 114.0	UB1-C	7/21/95	1.5, 5.0, 9.5, 14.0	1	5.6	170	<0.5	<0.5	14	66	33	<0.1	<0.1	90	6	<5	<5	8	43	64
	UB2-C	7/21/95	1.5, 4.0, 6.5, 9.0	<1	7.4	140	<0.5	<0.5	14	59	28	0.1	<0.1	81	29	<5	<5	<5	35	77
	UB3-C	7/21/95	2.5, 6.5, 11.0, 15.5	1	5.7	150	<0.5	<0.5	15	66	29	<0.1	<0.1	94	9	<5	<5	8	37	65
	UB4-C	7/21/95	1.5, 3.5, 6.5, 8.0	<1	5.3	140	<0.5	<0.5	13	55	25	<0.1	<0.1	79	7	<5	<5	7	33	56
	UB5-C	7/21/95	1.5, 4.0, 7.0, 9.0	1	5.6	150	<0.5	<0.5	14	61	27	0.1	<1	87	10	<5	<5	6	36	62
	UB6-C	7/20/95	1.5, 3.0, 6.0, 7.5	1	5.5	120	<0.5	<0.5	12	60	26	<0.1	<1	78	6	<5	<5	10	33	56
	UB7-C	7/20/95	1.5, 4.0, 7.0, 9.5	1	6.8	150	<0.5	<0.5	15	69	31	<0.1	<1	96	5	<5	<5	14	40	68
	UB8-C	7/21/95	1.0, 4.0, 6.5, 9.0	1	6.4	160	<0.5	<0.5	16	69	33	<0.1	<1	94	11	<5	<5	9	42	72
	UB9-C	7/21/95	2.0, 6.0, 10.0, 14.0	<1	4.6	86	<0.5	<0.5	12	41	25	<0.1	<1	56	7	<5	<5	<5	30	110
	UB10-C	7/21/95	1.5, 4.5, 8.0, 11.0	1	6.2	150	<0.5	<0.5	16	70	30	<0.1	<1	100	8	<5	<5	8	40	64
	UB11-C	7/20/95	2.5, 5.0, 7.5, 10.5	1	5.2	170	<0.5	<0.5	16	71	29	<0.1	<1	99	6	<5	<5	9	40	67
	UB12-C	7/20/95	2.0, 4.0, 6.5, 9.0	1	5.3	160	<0.5	<0.5	14	64	31	<0.1	<1	90	10	<5	<5	11	38	69
	UB13-C	7/20/95	1.0, 4.5, 8.0, 11.5	1	5.5	150	<0.5	<0.5	15	64	28	<0.1	<0.1	93	10	<5	<5	13	39	66
	UB14-C	7/20/95	2.5, 5.0, 8.0, 11.0	1	4.8	150	<0.5	<0.5	13	55	28	<0.1	<0.1	72	6	<5	<5	10	40	61
	UB15-C	7/24/95	1.5, 4.0, 6.5, 9.5	<1	8.6	150	<0.5	0.9	9	39	49	<0.1	<1	55	100	<5	<5	7	29	370
	UB16-C	7/24/95	1.0, 3.0, 5.5, 8.0	<1	5.1	140	<0.5	<0.5	14	66	25	<0.1	<1	82	8	<5	<5	9	38	58
	UB17-C	7/24/95	1.5, 4.0, 6.5, 9.5	<1	4.1	120	<0.5	<0.5	11	48	21	<0.1	<1	71	<5	<5	<5	<5	32	52

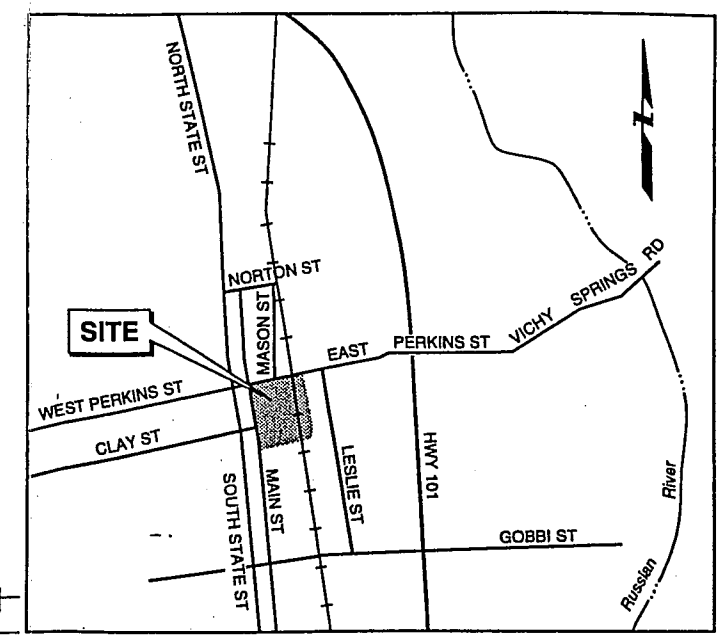
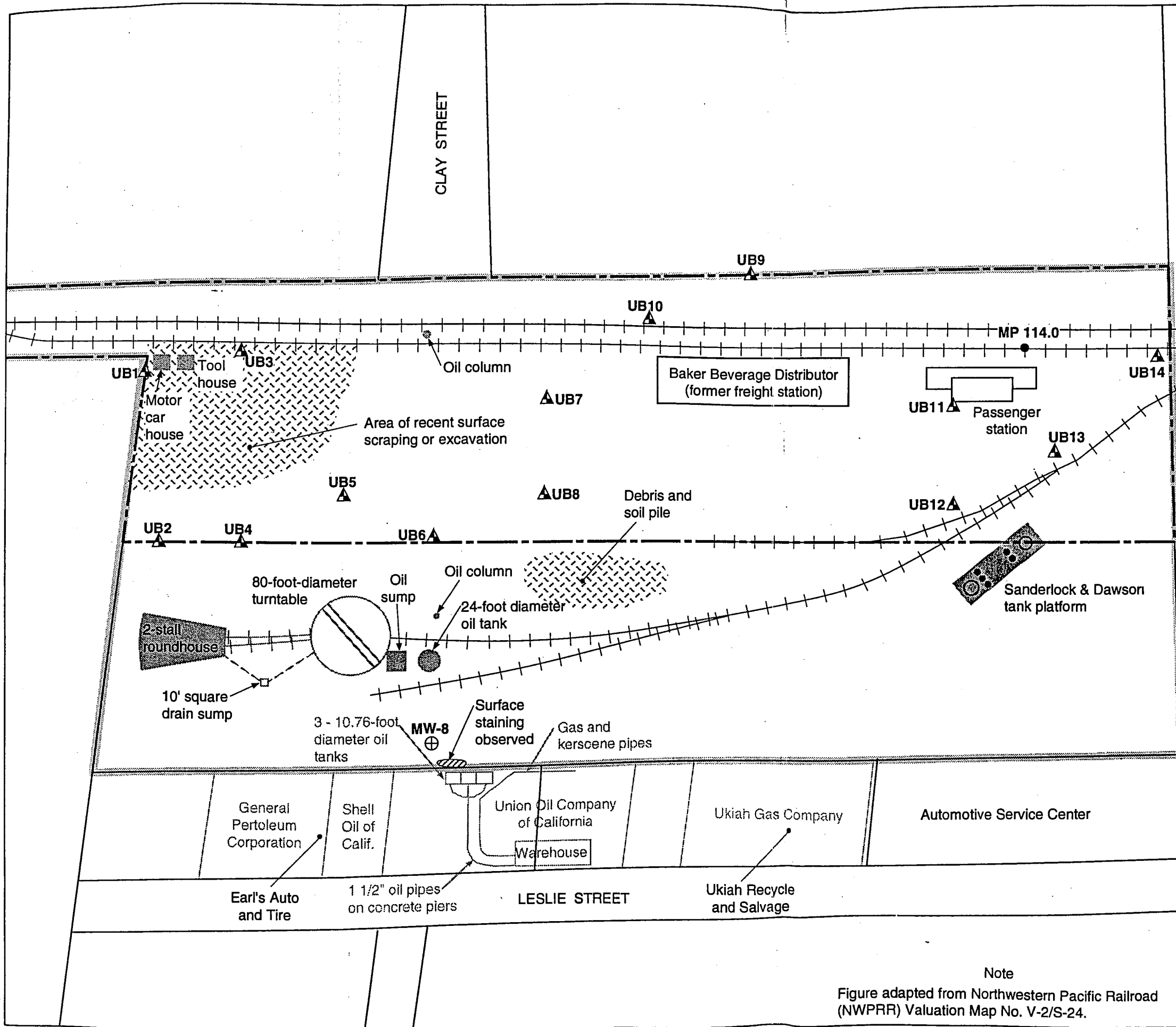
TABLE 3

ANALYTICAL RESULTS<sup>1</sup>  
 FOR METALS IN SOIL SAMPLES  
 PHASE II AND PHASE III PROGRAMS  
 Northwestern Pacific Railroad Corridor  
 Novato to Willits, California

Site Name	Sample Name	Date Sampled	Sample Depth, Ft	Metals <sup>2</sup> (mg/kg)																
				Ag	As	Ba	Be	Cd	Co	Total Cr	Cu	Hg	Mo	Ni	Pb	Sb	Se	Tl	V	Zn
Ukiah Station MP-114.0 (cont'd)	UB18-C	7/24/95	1.0, 3.5, 6.5, 9.0	<1	4.2	120	<0.5	<0.5	11	54	22	<0.1	<1	76	6	<5	<5	<5	33	52
	UB19-0.5	12/21/95	0.5	---	---	---	---	---	---	---	---	---	---	---	460	---	---	---	---	680
	UB19-2.0	12/21/95	2.0	---	---	---	---	---	---	---	---	---	---	---	7	---	---	---	---	62
	UB20-0.5	12/21/95	0.5	---	---	---	---	---	---	---	---	---	---	---	25	---	---	---	---	36
	UB20-2.0	12/21/95	2.0	---	---	---	---	---	---	---	---	---	---	---	8	---	---	---	---	56
	UB20-4.5	12/21/95	4.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41
	UB21-0.5	12/21/95	0.5	---	---	---	---	---	---	---	---	---	---	---	190	---	---	---	---	320
	UB21-1.5	12/21/95	1.5	---	---	---	---	---	---	---	---	---	---	---	200	---	---	---	---	570
	UB21-4.5	12/21/95	4.5	---	---	---	---	---	---	---	---	---	---	---	15	---	---	---	---	59
	UB22-0.5	12/21/95	0.5	---	---	---	---	---	---	---	---	---	---	---	100	---	---	---	---	240
	UB22-2.0	12/21/95	2.0	---	---	---	---	---	---	---	---	---	---	---	8	---	---	---	---	72
P9-0.5	1/24/96	0.5	---	---	---	---	---	---	---	---	20	---	---	---	---	---	---	---	45	

Notes:

1. Chemical analyses performed by PACE, Inc., of Novato, California, GTEL Environmental Laboratories, Inc., of Concord, California, or Friedman & Bruya, Inc., of Seattle, Washington. The laboratory analytical reports detailing the analyses performed, method detection limits for each constituent, and analytical results are included in Appendix B.
2. Metals analyzed include: silver (Ag), arsenic (As), barium (Ba), beryllium (Be), cadmium (Cd), cobalt (Co), total chromium (Cr), copper (Cu), mercury (Hg), molybdenum (Mo), nickel (Ni), lead (Pb), antimony (Sb), selenium (Se), thallium (Tl), vanadium (V) and zinc (Zn), by EPA Methods 6000/7000 series.
3. Background concentrations from maps presented in Shacklette, H.T., and Boerngen, J.G., 1984, Element Concentrations in Soils and Other Surficial Materials of the Conterminous United States, U.S. Geological Survey Professional Paper 1270.
4. No background concentration available.
5. STLC = soluble threshold limit concentration, California Code of Regulations, Title 22, Section 66261.24.
6. TTLC = total threshold limit concentration, California Code of Regulations, Title 22, Section 66261.24.
7. Sample not analyzed for this metal.
8. C= laboratory composite sample (i.e., laboratory composited and analyzed sample composed of discrete samples from locations indicated in sample depth column).
9. / = duplicate analyses conducted.



**EXPLANATION**

- Indicates historical feature for which no surface features were observed
- UB7 Phase II boring location
- MW-8 Monitoring well installed November 1989 by Earl's Auto and Tire
- Approximate location of NWPRR right-of-way
- Proposed property sale boundary

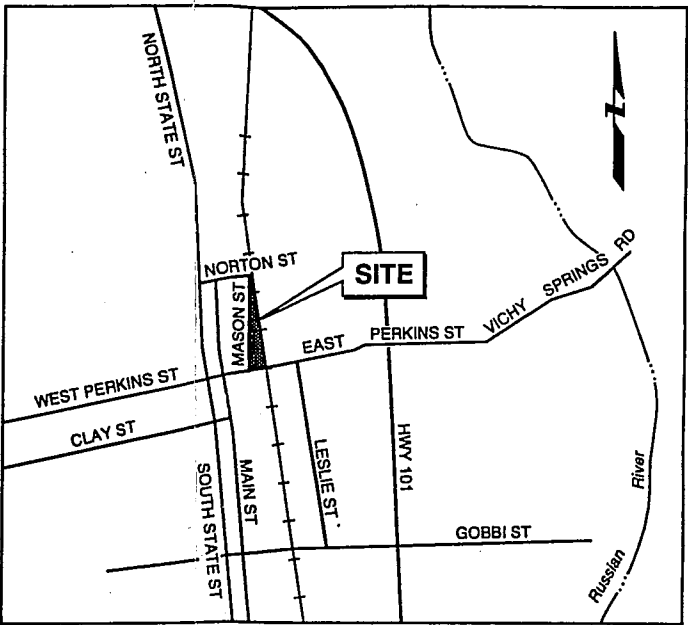
0 100 Feet

Approximate scale  
Drawing is schematic

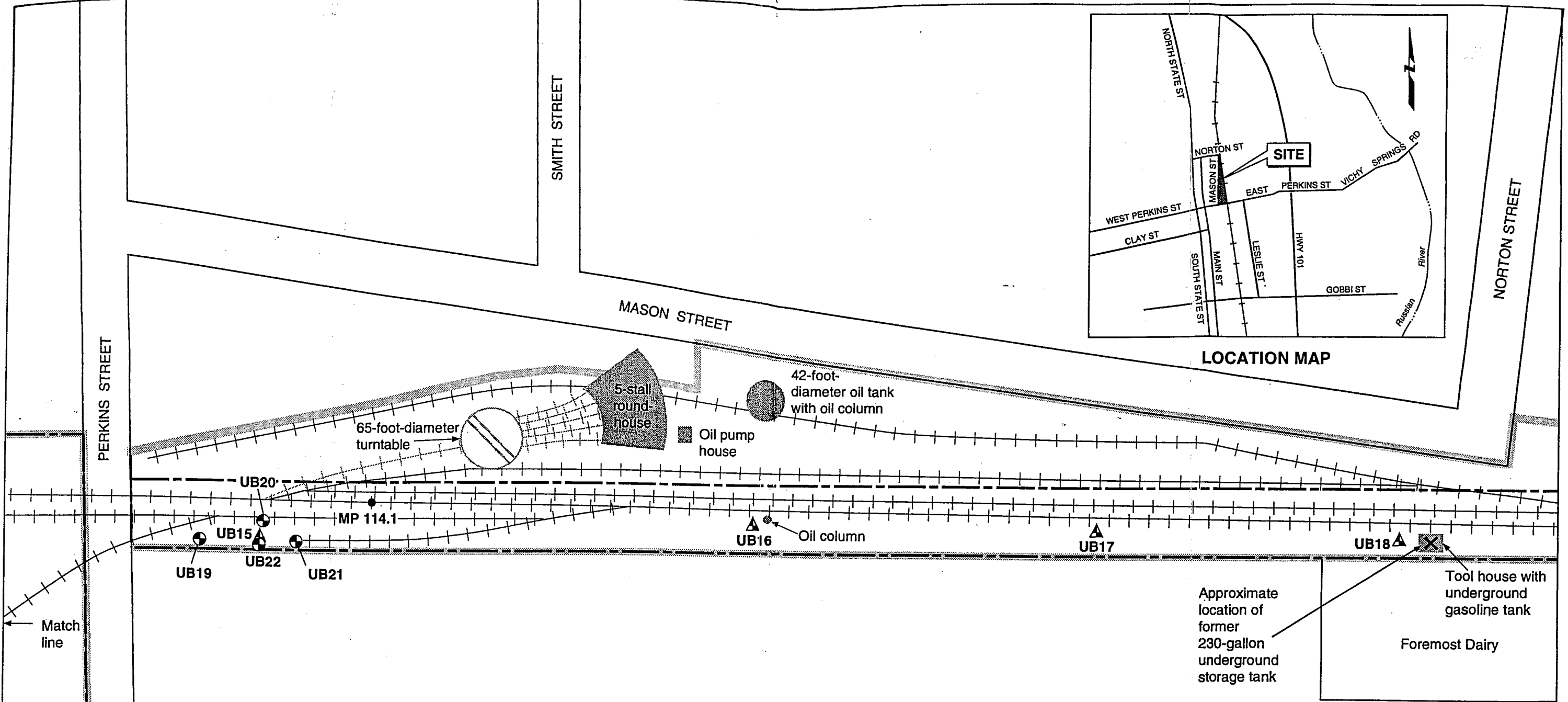
**UKIAH STATION (SOUTH)**  
MILE POST 114.0  
Northwestern Pacific Railroad Corridor  
Mendocino County, California

	Project No. 2770.02	Figure 18A
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Note  
Figure adapted from Northwestern Pacific Railroad (NWPRR) Valuation Map No. V-2/S-24.



LOCATION MAP

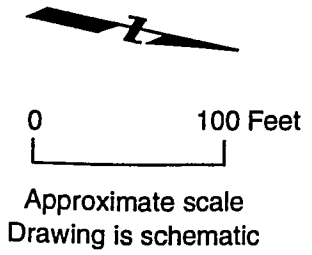


EXPLANATION

-  Indicates historical feature for which no surface features were observed
- UB19**  Phase III boring location
- UB15**  Phase II boring location
-  Approximate location of NWPRR right-of-way
-  Proposed property sale boundary

Note  
Figure adapted from Northwestern Pacific Railroad (NWPRR) Valuation Map No. V-2/S-24.

UKIAH STATION (NORTH)  
MILE POST 114.0  
Northwestern Pacific Railroad Corridor  
Mendocino County, California




	Project No. 2770.02	Figure 18B
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TABLE B-1  
 DOCUMENTED TOXIC-CLEANUP SITES  
 WITHIN 1/2 MILE OF THE RAIL LINE<sup>1</sup>  
 SECTION II, MILEPOST 125.5 TO 102 (UKIAH)

Site Number <sup>2</sup>	Site Name	Site Address	Source of Information <sup>3</sup>	Year of Information	Responsible Party	Site History and Description	Constituents detected in soil and groundwater and range of concentrations <sup>4</sup>	Depth to groundwater <sup>4</sup>	Direction of groundwater flow <sup>5</sup>	Distance from rail line (miles)
25	Pacific Gas & Electric Company	2541 N. State Street Ukiah, CA	NCRWQCB	1991	Pacific Gas & Electric 3400 Crow Canyon Road San Ramon, CA 94583	1967: Dry well constructed on site. 1987: Two 3000-gallon gasoline and one 350-gallon waste oil USTs excavated from site, contamination noted. 1991: Work plan submitted. Six monitoring wells on site.	Soil (mg/kg) gasoline B 1400 T 4.7 X 18 70  Grab Groundwater (µg/l) TPH 110,000  Groundwater (µg/l) 1,1,1-TCA 17 1,1-DCA 14 TCB 1 1,1-DCE 3	17-25'	East-Northeast	1/4



TABLE B-1  
 DOCUMENTED TOXIC CLEANUP SITES  
 WITHIN 1/2 MILE OF THE RAIL LINE<sup>1</sup>  
 SECTION II, MILEPOST 125.5 TO 102 (UKIAH)

Site Number <sup>2</sup>	Site Name	Site Address	Source of Information <sup>3</sup>	Year of Information	Responsible Party	Site History and Description	Constituents detected in soil and groundwater and range of concentrations <sup>4</sup>	Depth to groundwater <sup>4</sup>	Direction of groundwater flow <sup>5</sup>	Distance from rail line (miles)
33	Mendo Lake Office Equipment	203 S. Main Street Ukiah, CA	NCRWQCB	1989-1991	State Farm Insurance Companies P.O. box 14579 Santa Rosa, CA 95402	500-gallon UST on site for a number (?) of years. 1987: New owner removed UST, contamination noted. 1990: PSA work began, work continues.	<p><u>Soil (mg/kg)</u></p> gasoline 0.860 diesel 0.300 BTXE 0.0275 TOG 1.560 Pb 263 Zn 290 Cr 40  <p><u>Groundwater (ug/l)</u></p> gasoline 82 diesel 100 T 5.6 X 5.9 E 1.4 TOG 5100 HVO 1.7 Pb 63 Zn 240 Cr 140	3	Southeast	1/8





TABLE B-1  
 DOCUMENTED TOXIC CLEANUP SITES  
 WITHIN 1/2 MILE OF THE RAIL LINE<sup>1</sup>  
 SECTION II, MILEPOST 125.5 TO 102 (UKIAH)

Site Number <sup>2</sup>	Site Name	Site Address	Source of Information <sup>3</sup>	Year of Information	Responsible Party	Site History and Description	Constituents detected in soil and groundwater and range of concentrations <sup>5</sup>	Depth to groundwater <sup>4</sup>	Direction of groundwater flow <sup>3</sup>	Distance from rail line (miles)
35	Dorothy Chrysal	224 E. Clay Street Ukiah, CA	NCRWQCB	1991	Dorothy Chrysal	12/17/87: One 4000-gallon diesel, one 2000-gallon gasoline, and one 550-gallon waste oil USTs excavated from site. 1989: 8 soil borings and 3 monitoring wells installed.	<u>Soil (mg/kg)</u> gasoline 0.0038 diesel 0.0043 oil & grease 0.43 Cr 84 Zn 840  <u>Groundwater (µg/l)</u> halogenated volatile organics 0.72 Cr 110 Zn 110	3-8	East, Southeast	< 1/8
39	Earl's Auto & Tire (Dave Zedreck, Inc.)	134 Leslie Street Ukiah, CA	SPTCo, NCRWQCB	1990	Southern Pacific Transportation Company/Federated Insurance	Formerly part of a bulk plant row. Origin of PCE contamination currently being debated. Eight monitoring wells on site. 1992: Six gallons of free product was bailed from MW-1, MW-2.	<u>Soil (mg/kg)</u> B 38,000 T 11,000 E 140,000 X 150,000  <u>Groundwater (µg/l)</u> free product TPH 30 PCE 29 TCE	7-17	Southeast to Northeast	1/8
42	Formaldehyde Spill - NWPRR	Gobbi Street Ukiah, CA	NCRWQCB	1982	NWPRR	3/25/82: Approximately 21,000 gallons of 30% formaldehyde spilled into a tributary adjacent to the Russian River. Tributary was dammed, pumped dry, monitoring wells installed along tributary.	<u>Surface Water (µg/l)</u> formaldehyde 12,000	NA	East	< 1/8



TABLE B-1  
 DOCUMENTED TOXIC CLEANUP SITES  
 WITHIN 1/2 MILE OF THE RAIL LINE<sup>1</sup>  
 SECTION II, MILEPOST 125.5 TO 102 (UKIAH)

Site Number <sup>2</sup>	Site Name	Site Address	Source of Information <sup>3</sup>	Year of Information	Responsible Party	Site History and Description	Constituents detected in soil and groundwater and range of concentrations <sup>4</sup>	Depth to groundwater <sup>4</sup>	Direction of groundwater flow <sup>5</sup>	Distance from rail line (miles)
43	Dibble Investments/ Chevron	187 East Gobbi Street (Lot #2) Ukiah, CA 95482	NCRWQCB	1989-1992	Lee Dibble Chevron USA Santa Rosa, CA	Site was a standard oil bulk storage facility from 1898-1945. Various use from 1945-1984. One 550-gallon waste oil UST discovered May 1989 and removed from site. 1990: PSA investigation. 1991: quarterly monitoring	Soil (mg/Lg) oil & grease 9.4 diesel 0.5 TPH 520  Groundwater (µg/l) TCE 5 B 12 T 35 E 8 X 30 bis(2-ethylhexyl)phthalate 17	3	Southeast	1/4
47	Ukiah Airport	1411 State Street, South Ukiah, CA 95482	NCRWQCB	1989	Ukiah Municipal Airport	1989: Five drums of waste oil and solvents identified on site. Stained soil and asphalt noted. Pesticides detected in soil near crop-dusting plane wash area.	Soil (mg/Lg) toxaphene 110 ethion 65 malathion 1360 DDE 6	NA	NA	1/4



**TABLE B-1**  
**DOCUMENTED TOXIC CLEANUP SITES**  
**WITHIN 1/2 MILE OF THE RAIL LINE<sup>1</sup>**  
**SECTION II. MILEPOST 125.5 TO 102 (UKIAH)**

Site Number <sup>2</sup>	Site Name	Site Address	Source of Information <sup>3</sup>	Year of Information	Responsible Party	Site History and Description	Constituents detected in soil and groundwater and range of concentrations <sup>4</sup>	Depth to groundwater <sup>4</sup>	Direction of groundwater flows <sup>5</sup>	Distance from rail line (miles)
49	Coast Wood Preserving	Plant Road UKIAH, CA 95482	NCRWQCB, MCDHS	1972-1991	Fontana Wood Preserving P.O. Box 1070 Fontana, CA 92335	Site is adjacent to Ukiah Sewage Treatment Plant and 1/2 mile from the Russian River. CWP pressure-treats lumber with wood preservatives containing sodium dichromate, copper sulfate, arsenic acid. Leaks and spills have occurred from aboveground tanks, resulting in major soil and groundwater contamination. Surface sampling performed in 1970s/1980s, numerous investigations since 1980. October 1983: slurry wall installed on east side of site and a groundwater extraction trench to west.	Surface water (µg/l) Cr 6000 Cu 680 As 130  Groundwater (µg/l)  Cr 120,000	3-15	Southeast	1/8



NATION

undwater contamination

undwater contamination

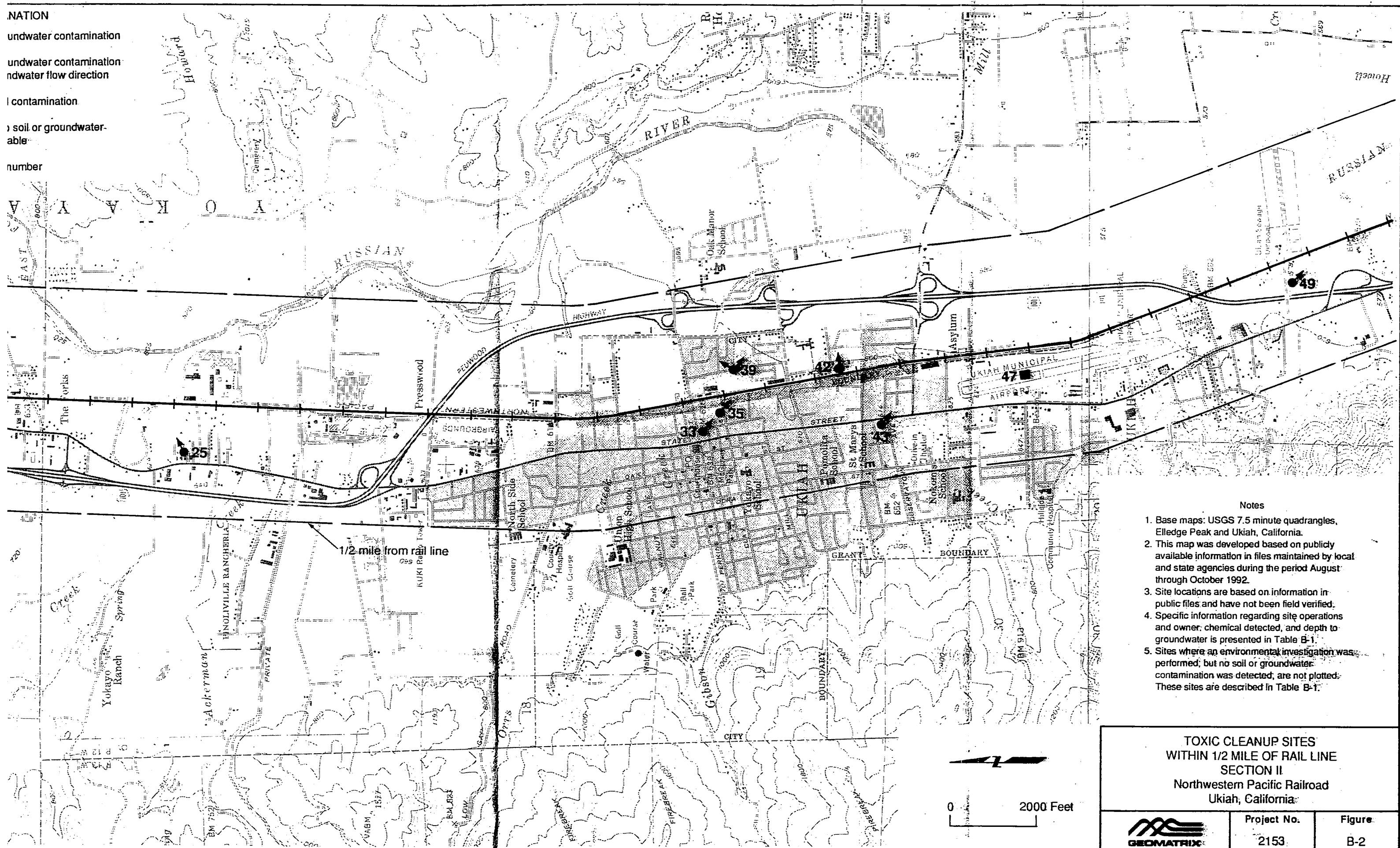
ndwater flow direction

l contamination

) soil or groundwater-

able

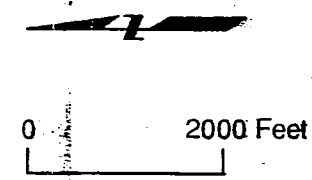
number




1/2 mile from rail line

Notes

1. Base maps: USGS 7.5 minute quadrangles, Elledge Peak and Ukiah, California.
2. This map was developed based on publicly available information in files maintained by local and state agencies during the period August through October 1992.
3. Site locations are based on information in public files and have not been field verified.
4. Specific information regarding site operations and owner, chemical detected, and depth to groundwater is presented in Table B-1.
5. Sites where an environmental investigation was performed, but no soil or groundwater contamination was detected, are not plotted. These sites are described in Table B-1.



**TOXIC CLEANUP SITES  
WITHIN 1/2 MILE OF RAIL LINE  
SECTION II  
Northwestern Pacific Railroad  
Ukiah, California**

 <b>GEOMATRIX</b>	Project No. 2153	Figure B-2
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**TABLE C-1**  
**DOCUMENTED FUEL LEAK SITES**  
**WITHIN 1/4 MILE OF THE RAIL LINE<sup>1</sup>**  
 Section II, Mileposts 125.5 To 102 (Ukiah)

Site Number <sup>2</sup>	Site Name	Site Address	Source of Information <sup>3</sup>	Year of Information	Responsible Party	Site History and Description	Constituents detected in soil and groundwater and range of concentrations <sup>4</sup>	Depth to groundwater <sup>4</sup> (feet below ground surface)	Direction of groundwater flow <sup>5</sup>	Distance from rail line (miles)
16	Redwood Valley Middle School	700 School Way Redwood Valley, CA 95470	NCRWQCB	1990-1992	Ukiah Unified School District 925 N. State Street Ukiah, CA 95482	Contamination discovered when tank removal August 1990 (1,500-gallon UST), severe corrosion and several holes.	Soil (mg/kg) diesel T 780 E 0.16 X 0.11 0.6	NA	NA	1/8
17	Calpella School	151 Moore Avenue Calpella, CA	NCRWQCB	1990	Ukiah Unified School District 925 N. State Street Ukiah, CA 95482	Russian River 300' away. 1951: 500-gallon, 39 year old gasoline UST removed August 1990, tank 1/2 full of water for years. Apparently no investigation following tank puit due to school district budget problem.	Soil (mg/kg) gasoline T 1300 E 2.3 X 13 7.7  Grab Groundwater (µg/l) gasoline B 16,000 T 39 E 170 X 160 470	NA	NA	1/8
18	Buhl Hoover Super Station	6201 North State Street Ukiah, CA	NCRWQCB	1989	Buhl Hoover P.O. Box 252 Capella, CA 95418	A small hole in fill pipe for tank leaked. Leak rate was 0.725 gpm, but only leaked during precision test.	NA	NA	NA	1/8
19	Parnum Paving Company	4807 N. State Street Ukiah, CA	MCDHS	1986	Robert Carnahan	1986: One 10,000-gallon gasoline UST abandoned in place. No significant contamination noted. There was a previous leak, no further information.	NA	NA	NA	1/8
20	Pepsi-Cola Bottling Company	103 Panducci Road Ukiah, CA	NCRWQCB	1990-1992	Pepsi-Cola West 4701 Park Road Benicia, CA 94510	1990: 10,000-gallon UST (diesel), 550-gallon UST (gasoline) removed. Contamination noted. Four monitoring wells installed onsite.	Soil (mg/kg) Pb 0.0043  Grab Groundwater (µg/l) diesel 1400	12-13	South-Southeast	1/4

**TABLE C-1**  
**DOCUMENTED FUEL LEAK SITES**  
**WITHIN 1/4 MILE OF THE RAIL LINE<sup>1</sup>**  
 Section II, Mileposts 125.5 To 102 (Ukiah)

Site Number <sup>2</sup>	Site Name	Site Address	Source of Information <sup>3</sup>	Year of Information	Responsible Party	Site History and Description	Constituents detected in soil and groundwater and range of concentrations <sup>4</sup>	Depth to groundwater <sup>4</sup> (feet below ground surface)	Direction of groundwater flow <sup>5</sup>	Distance from rail line (miles)
21	Weeks Drilling & Pump Company	3460 North State Street Ukiah, CA	NCRWQCB	1991	Weeks Drilling & Pump Company P.O. Box 176 Sebastopol, CA 95473	1987: Two 550-gallon gasoline USTs excavated from site. Eleven monitoring wells installed on site.	Groundwater (µg/L) gasoline B 31,000 T 1700 E 2300 X 590 5200	9-14'	Southeast	1/8
22	Ukiah Machine & Welding Company	3450 North State Street Ukiah, CA	NCRWQCB	1992	Ukiah Machine & Welding Company	Site has been an operating sawmill machinery manufacturer for the past 25 years. Oils and solvents used and stored on site. Areas of stained soil excavated and sampled.	Soil (mg/kg) oil & grease E 110 E 0.089 X 0.22	NA	NA	1/4
23	Caltrans	90 W. Lake Mendocino Ukiah, CA	NCRWQCB	1990-1992	Caltrans	Caltrans highway maintenance facility; property acquired by Caltrans July 1959; previously owned by GIF Trucking; several USTs were removed in 1970s and 1980s. Phase I and II 1990: 20 monitoring wells and 21 soil borings installed to assess extent and degree of contamination. 1991-1992 quarterly monitoring and various remediation schemes proposed. 1992: soil excavation.	Soil (mg/kg) diesel 850 gasoline 5100 Groundwater (µg/L) gasoline 15,196 diesel 5400 B 190 T 280 E 56 X 670	10-15'	East-South	1/4
24	Dan's Ukiah Diesel	3480 North State Street Ukiah, CA 95482	NCRWQCB	1990	Dan Jacobsen 3480 North State Street Ukiah, CA 95482	1990: 500-gallon UST (gasoline) removed. Worker spills bucket of diesel into excavation. No further information available.	Soil (mg/kg) gasoline 3200 diesel 7200	NA	NA	1/4



TABLE C-1  
DOCUMENTED FUEL LEAK SITES  
WITHIN 1/4 MILE OF THE RAIL LINE<sup>1</sup>  
Section II, Mileposts 125.5 To 102 (Ukiah)

Site Number <sup>2</sup>	Site Name	Site Address	Source of Information <sup>3</sup>	Year of Information	Responsible Party	Site History and Description	Constituents detected in soil and groundwater and range of concentrations <sup>4</sup>	Depth to groundwater <sup>5</sup> (feet below ground surface)	Direction of groundwater flow <sup>6</sup>	Distance from rail line (miles)
26	Masonite Corporation	300 Ford Road Ukiah, CA	NCRWQCB	1990-1991	Masonite Corporation	Pressed wood processing business constructed in 1948, three USTs onsite; one 12,000-gallon diesel tank removed in 1988; soil and groundwater affected. One 300-gallon gasoline tank removed in 1989; soil affected. One 3000-gallon gasoline tank removed in 1989. Six groundwater monitoring wells installed in 1990. Quarterly monitoring 1990-1991.	Soil (mg/kg) diesel gasoline oil  Groundwater (ug/l) B 1.8	6-10'	Southeast	< 1/8
27	Rod Niesen Motor Sales	1100 North State Street Ukiah, CA 95482	NCRWQCB	1989-1991	1100 North State Street Ukiah, CA 95482	1989: 500-gallon waste oil UST removed. Contamination noted. No additional information.	Soil (mg/kg) TOG 55	17	NA	1/4
28	G.I. Joe's/Foster Tire Service	976 North State Street Ukiah, CA	NCRWQCB	1988-1992	Tom Foster Ivan Rauch	Site was formerly owned by Ivan Rauch (1973-1988). He purchased site with 550-gallon UST on it already. Tank was used to store paint thinner. 5/89: Tank excavated, soil sample collected. Strong solvent odor detected, but sample not analyzed for TPH thinner.	Soil (mg/kg) X 1.6	NA	NA	1/4
29	Food & Liquor #57	915 North State Street Ukiah, CA	NCRWQCB	1991	The Customer Company P.O. Box 886 Benicia, CA 94510	1/9/91: two 10,000-gallon USTs excavated, soil sampled for TPH, monitoring wells proposed.	Soil (mg/kg) gasoline B 850 0.26 T 1.8 E 5.1 X 44	NA	NA	1/4
30	John Walker	195 Clara Avenue Ukiah, CA	NCRWQCB	1991	John Walker	1990: 500-gallon UST found onsite, removed, one soil sample collected. 1991: another UST located.	Soil (mg/kg) diesel oil & grease 11 195	NA	NA	1/8



**TABLE C-1**  
**DOCUMENTED FUEL LEAK SITES**  
**WITHIN 1/4 MILE OF THE RAIL LINE,<sup>1</sup>**  
**Section II, Mileposts 125.5 To 102 (Ukiah)**

Site Number <sup>2</sup>	Site Name	Site Address	Source of Information <sup>3</sup>	Year of Information	Responsible Party	Site History and Description	Constituents detected in soil and groundwater and range of concentrations <sup>4</sup>	Depth to groundwater <sup>4</sup> (feet below ground surface)	Direction of groundwater flow <sup>5</sup>	Distance from rail line (miles)
31	Stefani Shell	406 North Slate Street Ukiah, CA	NCRWQCB	1990	Gino Stefani 3900 Parducci Road Ukiah, CA 95482	8/25/89: one 8000-gallon and two 1000-gallon gasoline USTs excavated. Approximately 200 yds <sup>3</sup> of soil excavated. Site is/was a gasoline station. Approximately 500 yds <sup>3</sup> is proposed to be excavated.	Soil (mg/kg) gasoline B 910 T 1.1 E 2.7 X 13 54	NA	NA	1/4
32	Ukiah Co-Op	308/310 E. Perkins Ukiah, CA	MCDHS	1990	Robert Trombeta 6 W. Ninth Street Santa Rosa, CA 95401	11/90: Two 550-gallon USTs excavated, slight soil contamination.	Soil (mg/kg) T 0.011 X 0.0069	NA	NA	1/8
34	Rainbow Agricultural Services	276 E. Clay Street Ukiah, CA 95482	NCRWQCB	1989-1992	James Holzhauser 3110 Kedemeyer Road Ukiah, CA 95482 (he died February 1992)	July 1989: One 1000-gallon and one 200-gallon gasoline USTs excavated. Heavy soil contamination observed. Four monitoring wells installed. Free product 1/16" thick observed in one monitoring well.	Soil (mg/kg) gasoline E 1600 X 12 110 Groundwater (µg/l) gasoline B 7.7	NA	Southeast	< 1/8
36	Cohen, Frances & The Stephenson Trust	307-311 South Main Street Ukiah, CA 95482	NCRWQCB	1990-1992	Cohen, Frances & The Stephenson Trust 307-311 South Main Street Ukiah, CA 95482	Five 55-gallon drums storing waste oil apparently leaked onto ground surface. Six soil borings and one monitoring well installed onsite.	Soil (mg/kg) TOG 5975 PCB 0.24 Cr 55 Pb 110 Zn 77 Groundwater (µg/l) no petroleum hydrocarbons, PCB's, or PNA's detected.	2'	Southeast	1/8

**TABLE C-1**  
**DOCUMENTED FUEL LEAK SITES**  
**WITHIN 1/4 MILE OF THE RAIL LINE<sup>1</sup>**  
 Section II, Mileposts 125.5 To 102 (Ukiah)

Site Number <sup>2</sup>	Site Name	Site Address	Source of Information <sup>3</sup>	Year of Information	Responsible Party	Site History and Description	Constituents detected in soil and groundwater and range of concentrations <sup>5</sup>	Depth to groundwater <sup>4</sup> (feet below ground surface)	Direction of groundwater flows <sup>5</sup>	Distance from rail line (miles)
37	Security Pacific National Bank	300 South State Street Ukiah, CA	NCRWQCB	1986-1992	Mr. Steven T. Ohigashi Pacific Southwest Realty Company P.O. Box 20977 Terminal Annex Los Angeles, CA 90051	Site was formerly a retail Gas Station. 1986: three 10,000-gallon tanks (gasoline), one 300-gallon tank (bulk oil), one 1000-gallon tank (waste oil) removed. 1991: Security Pacific proposes to bioremediate 1800 yds <sup>3</sup> soil onsite. 1992: Assessment work continues. Eight monitoring wells installed onsite.	Soil (mg/kg) TPH 913  Groundwater (µg/l) TPH 22,000 B 320 T 2100 X 3500	8-11'	East	1/4
38	Sears Catalog Store	401 State Street South Ukiah, CA 95482	NCRWQCB	1992	Paty Weber 14782 Colter Way Maglia, CA 95954	Formerly a car dealership 1952-1961. 1988: 500-gallon UST (gasoline) removed. Contamination noted. 12 yd <sup>3</sup> of affected soil removed. No additional information.	Soil (mg/kg) gasoline 3.6	NA	NA	1/4
40	Motorsports of Ukiah	724 South State Street Ukiah, CA 95482	NCRWQCB	1990-1991	Paul and Joyce Kabertz Motorsports of Ukiah 724 South State Street Ukiah, CA 95482	1990: 300-gallon UST (waste oil) removed. Contamination noted. Approximately 600 yds <sup>3</sup> of affected soil excavated. No consultants report.	Soil (mg/kg) gasoline 54 B 0.068 T 0.36 X 1.1 E 0.15 diesel 93	NA	NA	1/4
41	Texaco, Floyd's	777 South State Street Ukiah, CA	NCRWQCB	1989	Bill Floyd	One 10,000-gallon and three 4000-gallon UST excavated from site. Bill Floyd purchased property in 1976. Tanks contained diesel and gasoline.	NA	NA	NA	1/8



**TABLE C-1**  
**DOCUMENTED FUEL LEAK SITES**  
**WITHIN 1/4 MILE OF THE RAIL LINE<sup>1</sup>**  
 Section II, Mileposts 125.5 To 102 (Ukiah)

Site Number <sup>2</sup>	Site Name	Site Address	Source of Information <sup>3</sup>	Year of Information	Responsible Party	Site History and Description	Constituents detected in soil and groundwater and range of concentrations <sup>4</sup>	Depth to groundwater <sup>4</sup> (feet below ground surface)	Direction of groundwater flow <sup>5</sup>	Distance from rail line (miles)
44	Exxon Dist. Center	1100 Cunningham Road Ukiah, CA	MCDHS	1992	Exxon	10 & 11/1991: Underground product lines, soil near AGTs excavated. 5/1991: Two 4000-gallon and one 5000-gallon USTs excavated. 1/1992: Five soil borings advanced. Grab groundwater sampled by Hydroponch.	<u>Soil (mg/kg)</u> gasoline 440 diesel 650 motor oil 809 B 0.045 T 0.690 E 0.5 X 37  <u>Grab Groundwater (µg/l)</u> diesel 200,000 Pb 1300 Cr 7200 Zn 9100	11-12.	South	< 1/8
45	Beacon, A&A	1099 South State Street Ukiah, CA	NCRWQCB	1991-1992	Peter Van Alyea Redwood Oil Company 455 Yolanda Avenue Santa Rosa, CA 94502	1989: 6 USTs onsite, one 3000-gallon diesel UST, two 3000-gallon two 4000-gallon, one 6000-gallon gasoline USTs removed. Contamination noted. PSA began 1990.	<u>Soil (mg/kg)</u> gasoline 800 diesel 650 B 0.397 T 17.7 E 24.3 X 46.6  <u>Groundwater (µg/l)</u> gasoline 2400 diesel 900 TPH o <500 B 250 T 390 E 51 X 310	14'	Easterly	1/4
46	Ukiah, City Corporation Yard	Hastings Road	NCRWQCB	1992	Denny Leeds City of Ukiah 300 Seminary Avenue Ukiah, CA 95482	1989: One UST (has contained gasoline, diesel, waste oil) excavated. Contamination noted. (No consultants report)	<u>Soil (mg/kg)</u> gasoline 6.6	NA	NA	1/4

**TABLE C-1**  
**DOCUMENTED FUEL LEAK SITES**  
**WITHIN 1/4 MILE OF THE RAIL LINE<sup>1</sup>**  
 Section II, Mileposts 125.5 To 102 (Ukiah)

Site Number <sup>2</sup>	Site Name	Site Address	Source of Information <sup>3</sup>	Year of Information	Responsible Party	Site History and Description	Constituents detected in soil and groundwater and range of concentrations <sup>4</sup>	Depth to groundwater <sup>4</sup> (feet below ground surface)	Direction of groundwater flow <sup>5</sup>	Distance from rail line (miles)
48	Chevron #8-4114/ Ukiah Airport	1415 South State Street Ukiah, CA	NCRWQCB	1989-1992	Chevron, USA P.O. Box 5004 2410 Camino Ramon San Ramon, CA 94583	4 USTs excavated from facility (one 550 gallon, one 1000 gallon, and two 10,000 gallons). Eight monitoring wells installed.	<p>Soil (mg/kg)</p> <p>gasoline B 74 T 0.05 E 1.1 X 0.17 Pb 20 20</p> <p>Groundwater (ug/l)</p> <p>gasoline B 9900 T 230 E 10 X 100 16 13</p>	6-10'	East-Southeast	1/4
50	Mendocino Transit Authority	241 Plant Road Ukiah, CA	MCDHS	1992	Mendocino Transit Authority	One 8000-gallon gasoline and one 8000-gallon diesel UST on site. Tank tests show slight leakage in both tanks.	not available	NA	NA	1/4

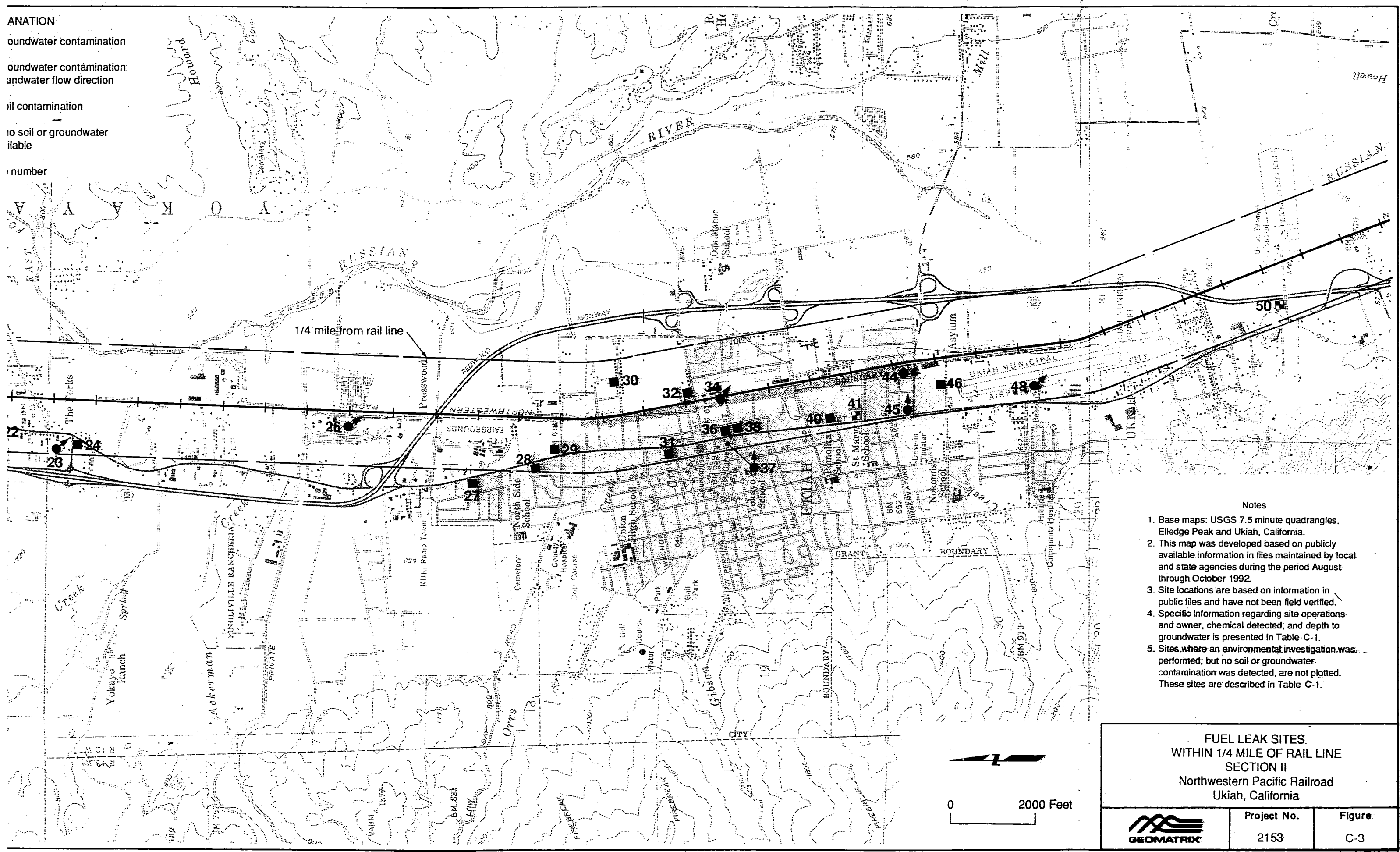


**TABLE C-1**  
**DOCUMENTED FUEL LEAK SITES**  
**WITHIN 1/4 MILE OF THE RAIL LINE<sup>1</sup>**  
 Section III, Mileposts 102 to 90.5 (Hopland)

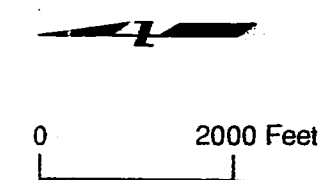
Site Number <sup>2</sup>	Site Name	Site Address	Source of Information <sup>3</sup>	Year of Information	Responsible Party	Site History and Description	Constituents detected in soil and groundwater and range of concentrations <sup>4</sup>	Depth to groundwater <sup>5</sup> (feet below ground surface)	Direction of groundwater flow <sup>6</sup>	Distance from rail line (miles)
51	Pacific Bell	13360 South Hwy 101 Hopland, CA	NCRWQCB	1987-1990	Pacific Bell	1987: 500-gallon (diesel) UST removed, minor contaminated noted. 1988: Four monitoring wells installed.	Soil (mg/kg) B 0.13  Groundwater (µg/l) TPH 260	14.5	likely to be east	< 1/8
52	Mendocino Woolens	Former Fezzer Vineyards Property 13420 South Highway 101 Hopland, CA	NCRWQCB	1991	Fezzer Vineyards Redwood Valley, CA Bruce Stangland P.O. Box 504 Hopland, CA 95449	1965-1973: Bruce Stangland Gas Station 1974: Fezzer Vineyards; Mendocino Woolens 1991: One 600-gallon and two 1000-gallon USTs excavated, gasoline odor detected.	Soil (mg/kg) gasoline B 1600 T 0.012 E 2.4 X 5.7 4.2  Groundwater (µg/l) gasoline B 420 T 3.3 E 6.9 X 21.0 17.0	NA	NA	< 1/8
53	Tali-Pak/Former Hopland Planing Mill	81 Hwy 175 Hopland, CA	NCRWQCB	1992	Martin Forest Industries, Gordon L. Martin (Pres.) P.O. Box 159 Healdsburg, CA 95448	12/1989: One 1000-gallon diesel and one 1000-gallon gasoline USTs removed. No notes in tanks, soil staining or water in excavation observed. December 1990 - present: Site operates as Tali-Pak Lumber Services.	Soil (mg/kg) diesel 0.027	NA	NA	< 1/8




ANATION  
 oundwater contamination  
 oundwater contamination  
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 oil contamination  
 to soil or groundwater  
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 umber



- Notes
1. Base maps: USGS 7.5 minute quadrangles, Elledge Peak and Ukiah, California.
  2. This map was developed based on publicly available information in files maintained by local and state agencies during the period August through October 1992.
  3. Site locations are based on information in public files and have not been field verified.
  4. Specific information regarding site operations and owner, chemical detected, and depth to groundwater is presented in Table C-1.
  5. Sites where an environmental investigation was performed, but no soil or groundwater contamination was detected, are not plotted. These sites are described in Table C-1.

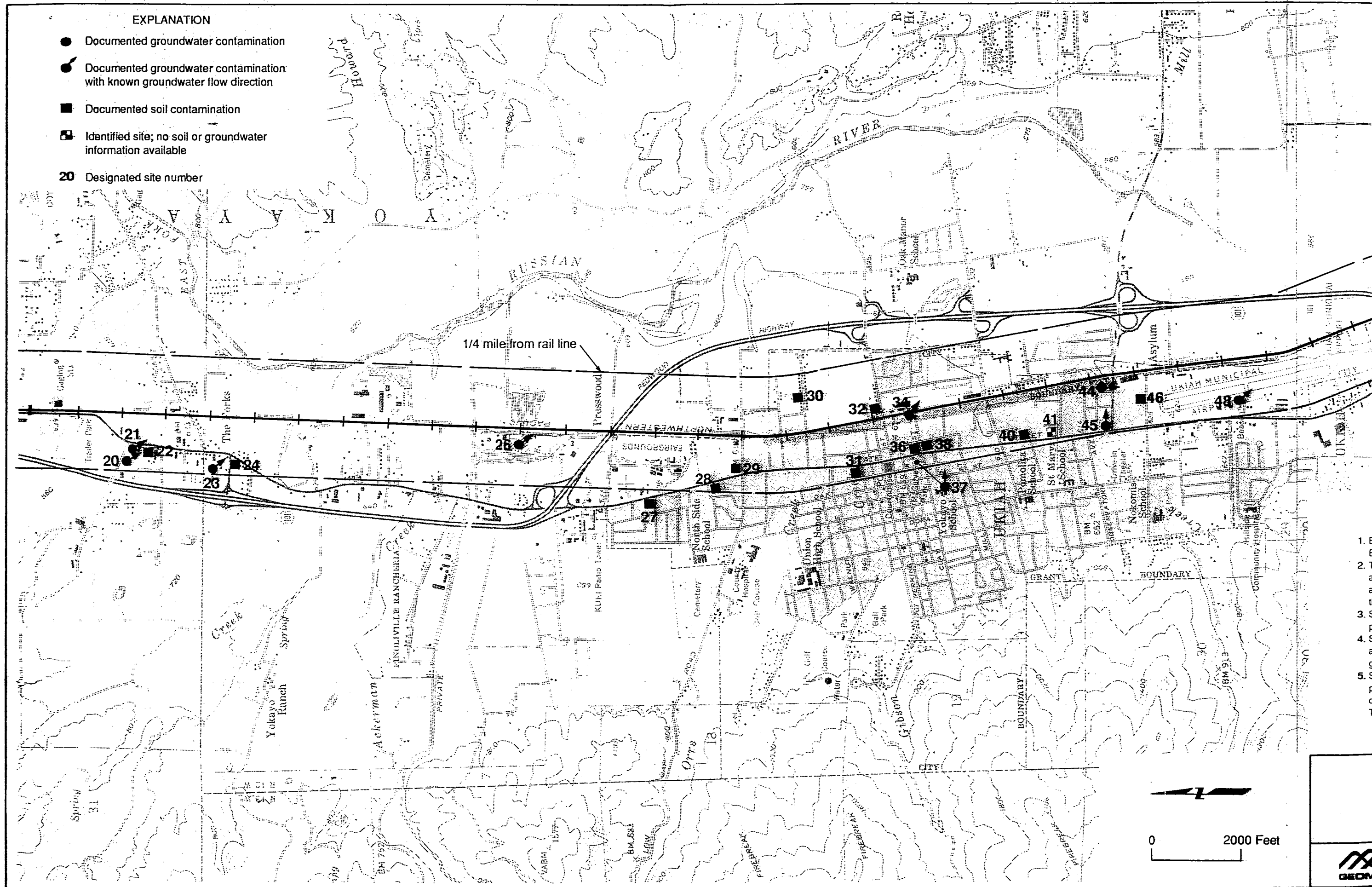


**FUEL LEAK SITES  
 WITHIN 1/4 MILE OF RAIL LINE  
 SECTION II  
 Northwestern Pacific Railroad  
 Ukiah, California**

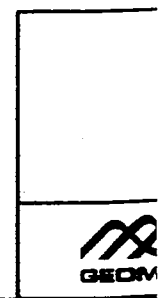
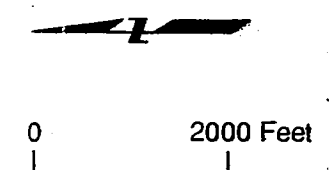
 <b>GEOMATRIX</b>	Project No. 2153	Figure C-3
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**EXPLANATION**

- Documented groundwater contamination
  - Documented groundwater contamination with known groundwater flow direction
  - Documented soil contamination
  - Identified site; no soil or groundwater information available
- 20** Designated site number



1 B  
2 E  
3 T  
4 a  
5 S  
6 P  
7 a  
8 g  
9 S  
0 P  
1 C  
2 T



**APPENDIX D**

**UST REMOVAL REPORT, UKIAH STATION  
AND CLOSURE LETTER**



100 Pine Street, 10th Floor  
San Francisco, CA 94111  
(415) 434-9400 • FAX (415) 434-1365



29 November 1995  
Project 3271

Mr. George Hynek  
Environmental Health Specialist  
Mendocino County - Division of Environmental Health  
880 N. Bush Street  
Ukiah, California 95482

Subject:       Underground Storage Tank Removal  
                  Ukiah Station (North), Mile Post 114.0  
                  Northwestern Pacific Railroad Corridor  
                  Ukiah, California

Dear Mr. Hynek:

Geomatrix Consultants, Inc. (Geomatrix) has completed activities associated with the removal of an underground storage tank (UST) at the subject property. On behalf of Southern Pacific Transportation Company (SPTCo), we are submitting this letter report describing the UST removal and disposal procedures, soil sampling and laboratory analytical results. Based on the results described herein, we request that the County of Mendocino Department of Public Health (CMDPH) authorize closure of the UST site.

#### **BACKGROUND**

The UST was located on the eastern side of the Northwestern Pacific Railroad right-of-way (NWPRR) near the intersection of Norton and Mason Street in Ukiah (Figure 1). The tank was located during a magnetometer survey conducted in September 1994 by Norcal Geophysical Consultants, Inc., (Norcal) of Petaluma, California. AllPro Environmental Corporation (AllPro) of Martinez, California was retained by SPTCo to remove the UST. According to SPTCo records, the UST was used to store gasoline to operate railroad maintenance-of-way vehicles. The age of the UST is unknown.

#### **PRE-FIELD ACTIVITIES**

Prior to UST removal activities, Geomatrix contacted Underground Service Alert (USA), a regional utility notification center who notified member utility companies to delineate utilities near the UST. AllPro obtained a UST Removal Permit from the CMDPH for removal of the UST. Required notification of various public services prior to UST removal was also conducted by AllPro. A copy of the receipt indicating the CMDPH's authorization for the UST removal is included as Attachment A .

#### **TANK REMOVAL PROCEDURES**

Excavation, tank removal, and backfilling were performed by AllPro on 7 September 1995. A Geomatrix field engineer was on site to observe and document these procedures, and collect soil samples from the tank excavation. Photographs of the work are included with this letter as Attachment B.

**Geomatrix Consultants, Inc.**  
Engineers, Geologists, and Environmental Scientists

Mr. George Hynek  
Mendocino County - Division of Environmental Health  
29 November 1995  
Page 2

AllPro used a backhoe to remove soil backfill and expose the top of the UST. The backfill that surrounded the UST was stockpiled alongside the excavation. The top of the UST was located approximately 1 foot below ground surface (bgs). An open 2-inch-diameter hole in the top of the UST was located approximately 1½ feet from the western end of the tank (Figure 2); it is believed that this was either the vent or fill pipe opening. This hole was plugged during the remaining removal activities to minimize the amount of soil entering the tank. A 3-inch-diameter pipe, protruding approximately 8 inches from the top of the tank was located approximately 3 feet from the east end of the UST. The opening of the pipe was obstructed. A 3-inch-diameter pipe also was encountered on the bottom of the tank approximately 3 feet from the eastern end of the UST; this pipe protruded about 3 inches. The UST measured 21 inches in diameter and was approximately 9 feet in length.

After soil was removed from around the sides of the tank, the interior of the tank was examined by the Geomatrix field engineer. Approximately 13 inches of liquid was present in the UST. Photoionization detector readings from the interior of the tank did not indicate the presence of organic vapors. There was also a small layer of mud on the bottom of the tank near the hole located at the western end of the UST. AllPro hand pumped approximately 110 gallons of liquid from the tank and placed it directly into two steel 55-gallon drums. A sample of this liquid was collected in VOA containers for chemical analysis to characterize this liquid for disposal. The sample was sent to Friedman & Bruya, Inc. (F&B) of Seattle, Washington.

After removal of the liquid from the UST, approximately 12½ pounds of dry ice was inserted to evacuate organic vapors and oxygen from the tank. Immediately prior to removing the UST, explosivity meter readings taken by the CMDPH representative through the fill-pipe opening in the UST, indicated that a safe atmosphere (less than 10% oxygen and less than 10% of the lower explosive limit) existed inside the tank. Following CMDPH approval, the tank was removed from the excavation by AllPro and placed directly onto a flatbed truck. The UST was examined by the CMDPH representative and the Geomatrix field engineer, and appeared to be in good condition. A copy of the CMDPH's Underground Hazardous Materials Storage Tank Abandonment Inspection Report is included as Attachment C. The tank was transported by Erickson Environmental to a licensed receiving facility for recycling. A copy of the manifest is included as Attachment D.

### **SAMPLING PROCEDURES**

As requested by the CMDPH representative, samples were collected and analyzed in accordance with Tri-Regional Board Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites for USTs with unknown contents. Soil samples were collected from the bottom of the excavation at two locations as requested by the CMDPH (Figure 2). The soil samples were collected directly from the bucket of a backhoe by driving a clean, thin-walled brass tube into the soil. The tubes were sealed at

Mr. George Hynek  
Mendocino County - Division of Environmental Health  
29 November 1995  
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each end with Teflon sheets, plastic end caps, and duct tape. Sample EX-EAST was collected approximately 28 inches below the excavation bottom of the eastern end of the UST, and EX-WEST was collected approximately 24 inches below the excavation bottom of the western end of the UST. Soil in these areas was native brown silty-clay. The samples were labeled and stored in an ice-cooled chest until delivery under Geomatrix chain-of-custody procedures to F&B.

In addition, a sample was collected from the stockpiled backfill material that was removed from the excavation. This sample was labeled UST-BCFL.

### **EXCAVATION BACKFILLING**

The excavation was backfilled by AllPro with a combination of imported backfill material from Ford Gravel Company of Ukiah and stockpiled backfill material removed from the excavation. Imported backfill material was placed from the base of the excavation to approximately 2 feet bgs. Stockpiled site backfill material was placed above the imported material to ground surface. The material was placed in approximately 10- to 12-inch-thick lifts and compacted with a hydraulic tamper.

### **ANALYTICAL METHODS AND RESULTS**

Analytical results for soil samples collected from the bottom of the excavation are summarized on Table 1. F&B analyzed soil samples collected from the excavation bottom and the material removed from the excavation for volatile organic compounds (VOCs) by U.S. Environmental Protection Agency (EPA) Method 8240, semi-VOCs by EPA Method 8270, total petroleum hydrocarbons (TPH) as gasoline by modified EPA Method 8015, TPH as diesel by modified EPA Method 8015, total oil and grease by EPA Method 5520 D&F, and five metals (cadmium, chromium, lead, zinc and nickel) by EPA Method 6010. A copy of the chain-of-custody and the laboratory analytical report is included as Attachment E.

Analytical results indicate that the VOCs, semi-VOCs, and petroleum constituents analyzed were not detected above laboratory reporting limits. Metals were not detected above background levels.<sup>1</sup>

A sample of the liquid removed from the UST was analyzed for TPH as gasoline and benzene, toluene, ethylbenzene, and xylenes (BTEX) by modified EPA Method 8015 and EPA Method 8020, respectively. TPH as gasoline and BTEX compounds were not detected above laboratory reporting limits of 50 micrograms per liter ( $\mu\text{g}/\text{l}$ ), and 0.5  $\mu\text{g}/\text{l}$ , respectively. A copy of the chain-of-custody and laboratory analytical report is included as Attachment F.

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<sup>1</sup> Shacklette, H.T., and Boerngen, J.G., 1984, Element concentrations in soils and other surficial materials of the coterminus United States, U.S. Geological Survey Professional Paper 1270.

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Mendocino County - Division of Environmental Health  
29 November 1995  
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**CONCLUSION**

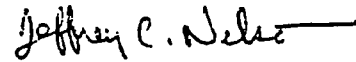
Based on the information presented in this letter report, which indicates that site soil was not impacted by the former UST, Geomatrix recommends no further action and that the site be considered for closure by the County of Mendocino Department of Public Health.

If you have any questions about this letter report, please call either of the undersigned.

Sincerely yours,

GEOMATRIX CONSULTANTS, INC.

 For  
Stacy Amich  
Project Engineer

  
Jeffrey Nelson, P.E.  
Senior Engineer

SA/JN/cil  
CONTR3271-GH.LTR

Attachments:	Table 1	Analytical Results
	Figure 1	Site Location Map
	Figure 2	Tank Location and Soil Sampling Locations
	Attachment A	CMDPH UST Removal Permit Receipt
	Attachment B	Photographs
	Attachment C	CMDPH Underground Hazardous Materials Storage Tank Abandonment Inspection Report
	Attachment D	Underground Storage Tank Manifest
	Attachment E	Analytical Results - Soil
	Attachment F	Analytical Results - Liquid in UST

**TABLE 1**  
**ANALYTICAL RESULTS**

**TABLE 1**

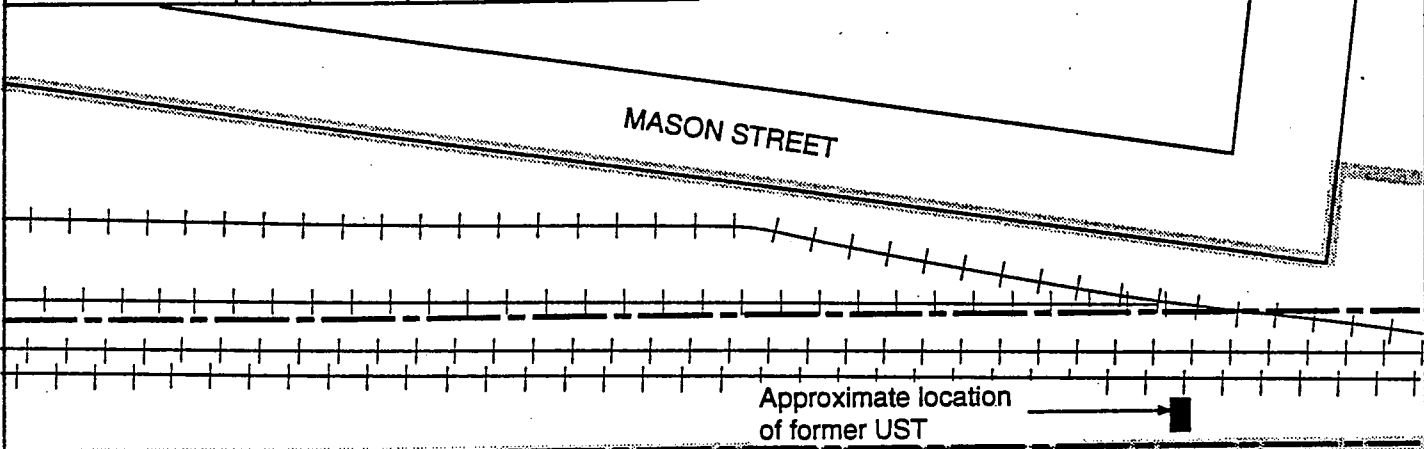
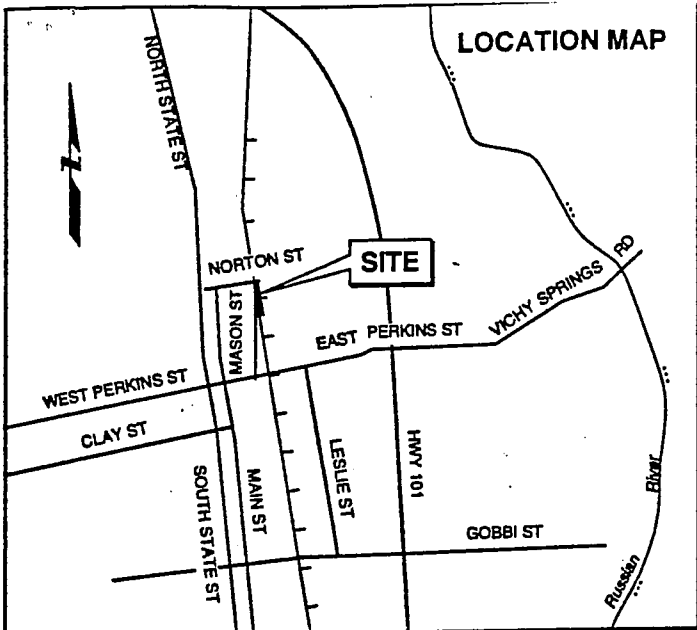
**ANALYTICAL RESULTS<sup>1</sup>**  
 Ukiah Station (North), Mile Post 114.0  
 Northwestern Pacific Railroad Corridor  
 Ukiah, California

Results in milligrams/kilograms (mg/kg)

	Volatile Organic Compounds <sup>2</sup>	Semi-Volatile Organics Compounds <sup>3</sup>	TPH <sup>4</sup> as gasoline <sup>5</sup>	TPH as diesel <sup>6</sup>	Oil and Grease <sup>7</sup>	Metals <sup>8</sup>				
						Cd	Cr	Pb	Zn	Ni
Ex-East	ND <sup>9</sup>	ND	<1	<10	<50	1	43	9	41	68
Ex-West	ND	ND	<1	<10	<50	<1	45	9	39	72
UST-BCFL	ND	ND	<1	<10	<50	1	43	11	40	71

1. Laboratory analytical data sheets are included as Attachment D. Samples were collected by Geomatrix Consultants, Inc., and analyzed by Friedman & Bruya, Inc., of Seattle, Washington.
2. Analyzed by EPA Method 8240.
3. Analyzed by EPA Method 8270.
4. TPH-total petroleum hydrocarbons.
5. Analyzed by modified EPA Method 8015.
6. Analyzed by modified EPA Method 8015.
7. Analyzed by EPA Method 5520 D&F.
8. Analyzed by EPA Method 6010. Cd-Cadmium; Cr-Chromium; Pb-Lead; Zn-Zinc; Ni-Nickel.
9. ND-all analytes reported below reporting limits.

**FIGURE 1**  
**SITE LOCATION MAP**



Foremost Dairy

**Note**

Figure adapted from Northwestern Pacific Railroad (NWPRR) Valuation Map No. V-2/S-24.



Approximate scale  
Drawing is schematic

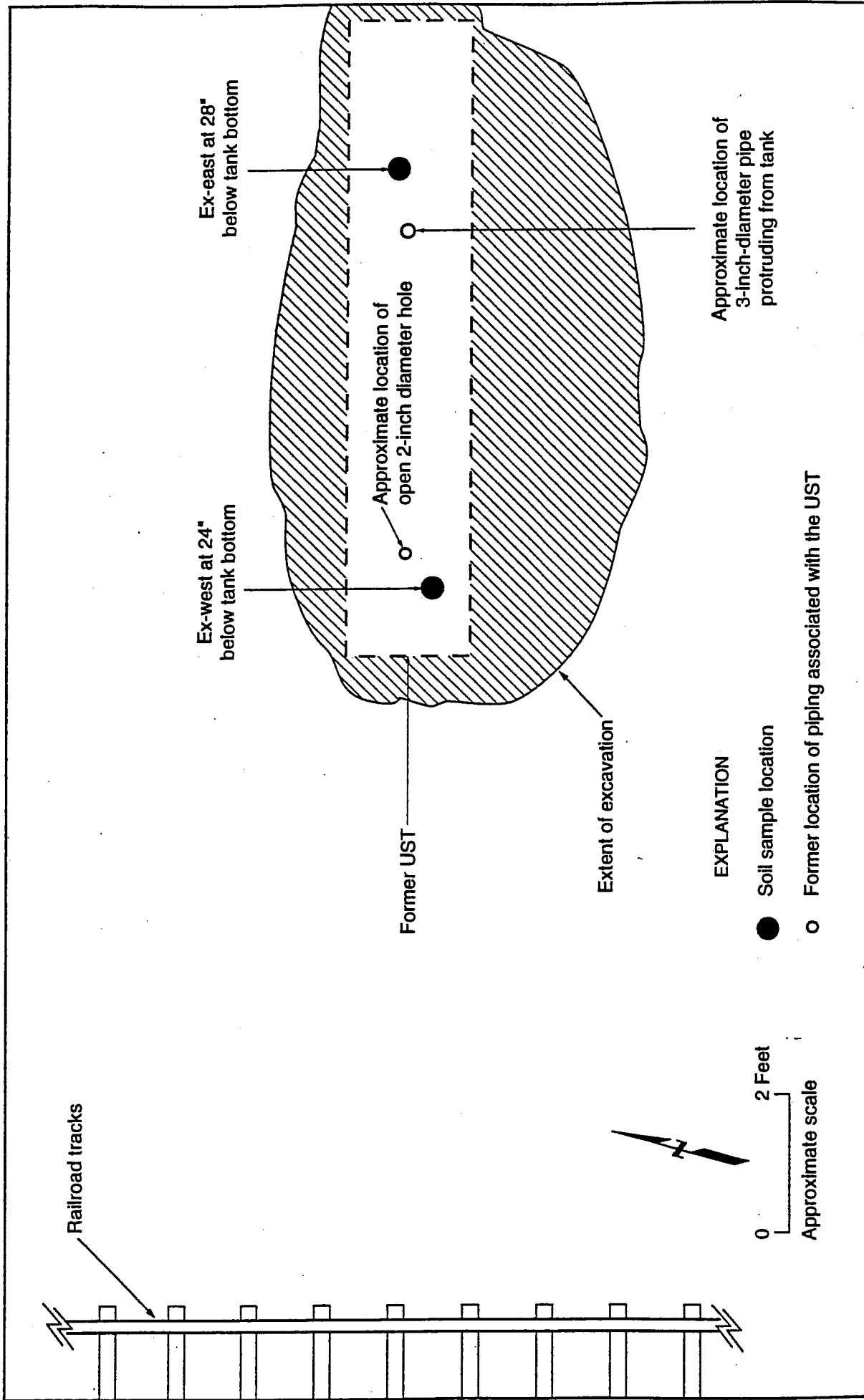
**SITE LOCATION MAP**  
**UKIAH STATION (NORTH), MILE POST 114.0**  
 Northwestern Pacific Railroad Corridor  
 Ukiah, California

	Project No. <b>3271</b>	Figure <b>1</b>
--	----------------------------	--------------------



**FIGURE 2**

**TANK LOCATION AND SOIL SAMPLING LOCATIONS**



**TANK LOCATION AND SOIL SAMPLING LOCATIONS**  
**UKIAH STATION (NORTH), MILE POST 114.0**  
 Northwestern Pacific Railroad Corridor  
 Ukiah, California

Figure  
2

Project No.  
3271



**ATTACHMENT A**

**CMDPH UST REMOVAL PERMIT RECEIPT**

COUNTY OF MENDOCINO



OFFICIAL RECEIPT NO  
4403

880 N. BUSH STREET  
UKIAH, CA 95482  
(707) 463-4466

DEPARTMENT OF PUBLIC HEALTH  
DIVISION OF ENVIRONMENTAL HEALTH

PERMIT TYPE AB  
PERMIT NO. 0

BUSINESS NAME: SOUTHERN PACIFIC LINES

SITE ADDRESS: NORTON & MASON STS UK

RECEIVED FROM: ALLPRO ENVIRONMENTAL CORP

MAILING ADDRESS: 1125-B ARNOLD DR, #284 MARTINEZ, CA 94553

FOR: TANK REMOVAL-1 TANK

AMOUNT RECEIVED: \$278.00  
\*\*\*\*\* TWO HUNDRED, SEVENTY-EIGHT AND NO/100 DOLLARS

CHECK NO: 3795

BANK NO: 90-3885

M.O. NO: \_\_\_\_\_

CHECK DATE: 09/05/95

CASH: N

CODE	AMOUNT
<u>U1</u>	<u>\$278.00</u>
_____	_____
_____	_____
_____	_____

RECEIVED BY: MC

FUND 110 BUDGET 4011 ACCT. NO. 82-6390 AMOUNT \$278.00

DATE 09/05/95 ACCT NAME: \_\_\_\_\_

THANK YOU

AMOUNT RECEIVED: \$278.00

RECEIPT NO: 4403

RECEIPT DATE: 09/05/95

RECEIVED BY: MC



DEPARTMENT OF PUBLIC HEALTH  
DIVISION OF ENVIRONMENTAL HEALTH  
Underground Storage Tank (UST) Program

George K. Hynek, E.H.S.  
Environmental Health Specialist

OFFICE 463-4466  
DESK 463-4685  
FAX 463-4038

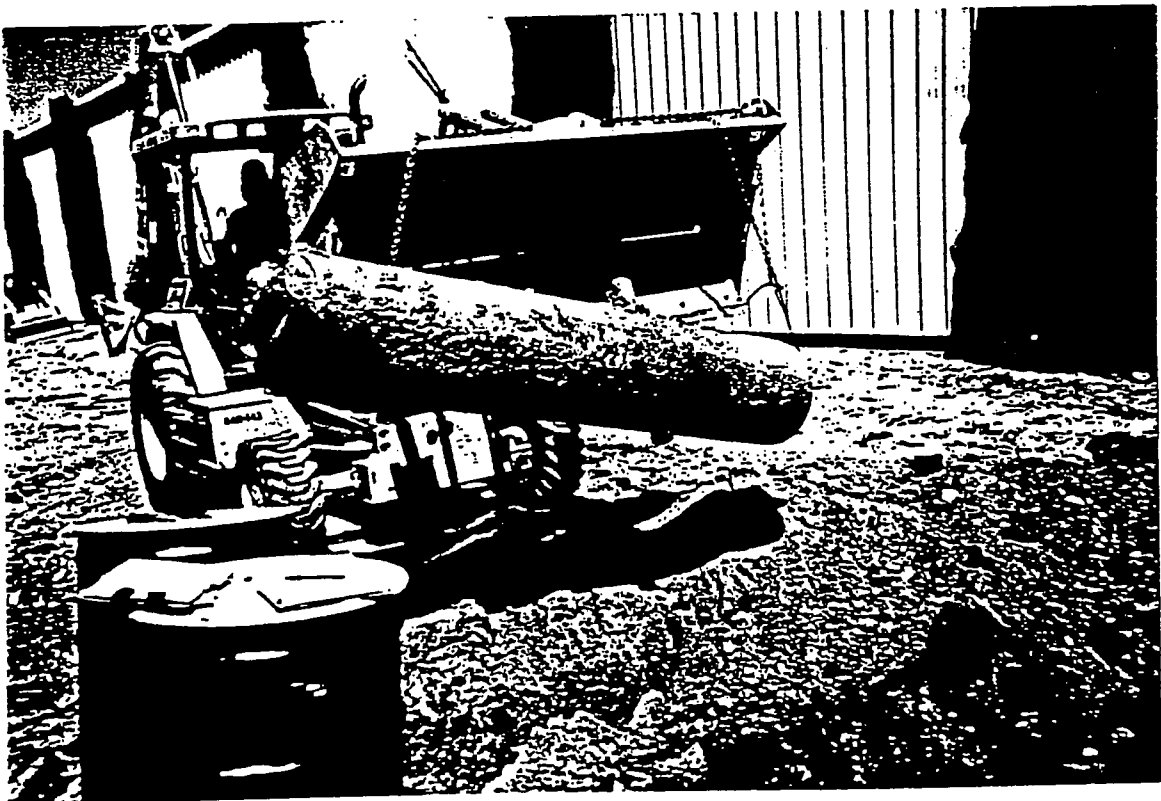
880 NORTH BUSH STREET  
UKIAH, CALIFORNIA 95482

**ATTACHMENT B**

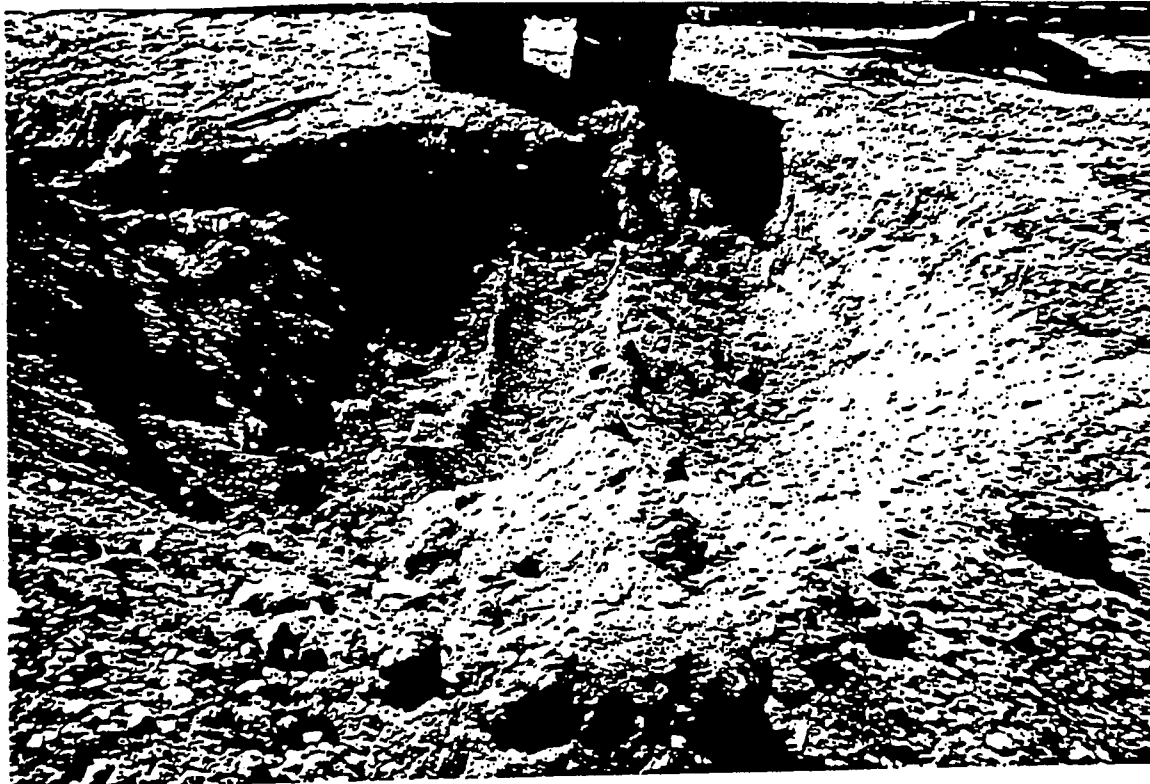
**PHOTOGRAPHS**



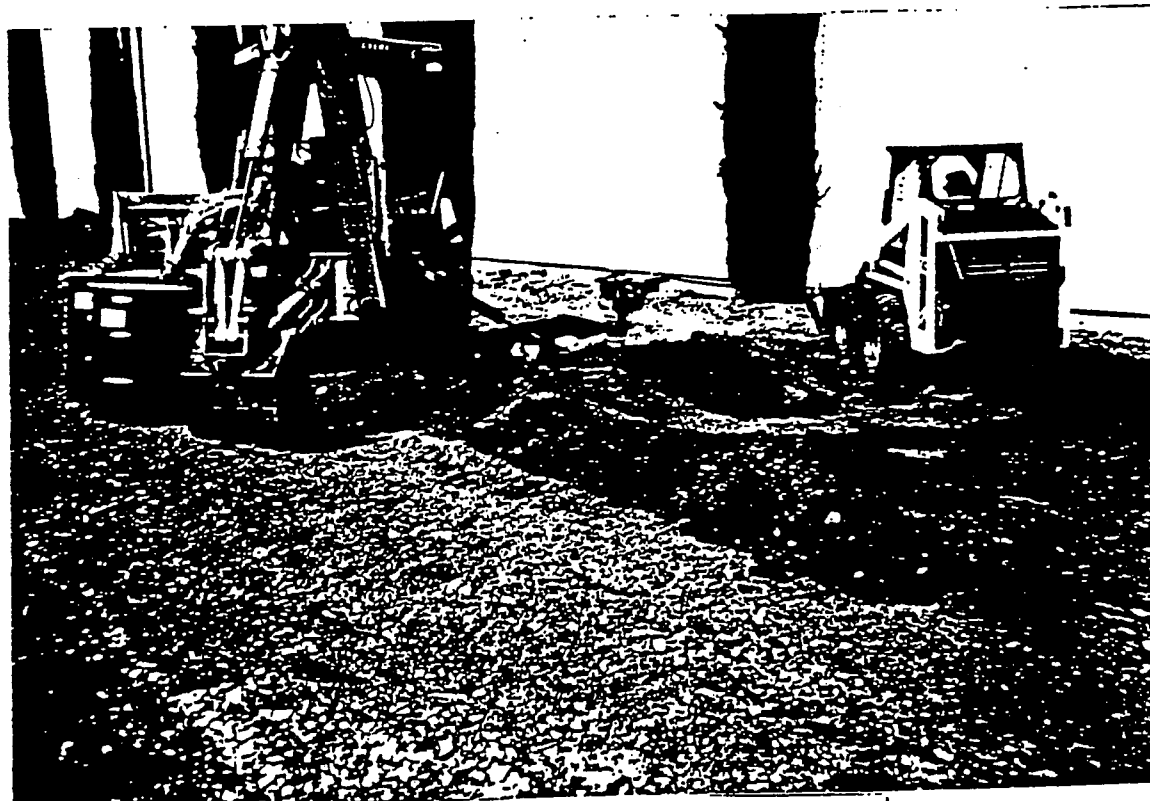
**Photo 1**      **Exposed Underground Storage Tank**  
**Underground Storage Tank Removal**  
**Ukiah Station, Milepost 114.3**  
**Geomatrix Project 3271 NWPRR**  
**7 September 1995**



**Photo 2**      **Removal of Underground Storage Tank from**  
**Excavation**  
**Underground Storage Tank Removal**  
**Ukiah Station, Milepost 114.3**  
**Geomatrix Project 3271 NWPRR**  
**7 September 1995**



**Photo 3**      **Excavation after Removal of Underground Storage Tank**  
Underground Storage Tank Removal  
Ukiah Station, Milepost 114.3  
Geomatrix Project 3271 NWPRR  
7 September 1995



**Photo 4**      **Underground Storage Tank Excavation Backfill Activity**  
Underground Storage Tank Removal  
Ukiah Station, Milepost 114.3  
Geomatrix Project 3271 NWPRR  
7 September 1995

**ATTACHMENT C**

**CMDPH UNDERGROUND HAZARDOUS MATERIALS  
STORAGE TANK ABANDONMENT INSPECTION REPORT**





UKIAH OFFICE  
890 NORTH BUSH STREET  
UKIAH, CA 95482  
(707) 463-4467

FORT BRAGG OFFICE  
790-A SOUTH FRANKLIN STREET  
FORT BRAGG, CA 95437  
(707) 984-4713

COUNTY OF MENDOCINO  
DEPARTMENT OF PUBLIC HEALTH

COURTHOUSE  
UKIAH, CALIFORNIA 95482

UNDERGROUND HAZARDOUS MATERIALS STORAGE TANK ABANDONMENT  
INSPECTION REPORT

File#: A3500  
(No UST#)

Name of Facility: Southern Pacific Lines Yard - UKIAH  
Name of Owner: Southern Pacific Lines  
Name of Operator: Greg Shephard # (415) 541-2545  
Address/Location of Facility: Norton St. & Mason St.

TANK ID#	VOLUME	CONDITION OF TANK	DEPTH OF SAMPLE(S)	LEL%	O <sub>2</sub>
1	~230 gal ~9' x ~22"	Tank had open hole ~3" diam. near top western end. Contractor said the hole was observed when he excavated top of tank and that the tank was filled with water. Rust began at the top of this ~3" opening with notes that it is quite old.	1) EX-East @ 28" below bottom of tank @ 14:20 (No odors) 2) EX-West @ 28" below bottom of tank @ 14:30 (No odors) (Both samples were soil samples)	0%	3%

Rinseate Disposition: None - liquid from tank in (2) 55 gal. drums left at site.  
Disposition pending results of sample liquid to be analysed.  
Tank Disposition: Erickson on manifest 9559260, tank # 16479

	Yes	No	N/A
Tank atmosphere less than 20% LEL:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper location of samples:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper sampling procedure and handling:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Groundwater present in the excavation:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Piping removed and inspected: (Pipes were risers left on top of tank)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

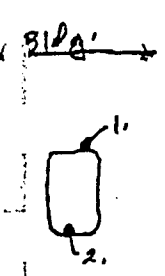
Drum I.D.#s:  
Water/Liquid #1  
Soil #24

Comments: Tank oriented east/west between building & tracks. Requested copies of photographs with Geo Matrix report from Stacy Alich. Gave original copy of permit to Steve Phelys. (2) drums close to tank (1) soil (2) liquid/water from tank. Considerable liquid/water remained in tank (~3-6") when tank was removed from the ground. No noticeable leaks were observed along the bottom of the tank during this phase of removal and loading onto the hauler's truck. No unusual odors in pit during removal or sampling. Some black soil noted in east end of pit while sample was collected. This sample included this black mat.

Inspector: George K. Lynet Date: 9/7/95

Signature of Owner/Operator or Contractor: Stephen Phelys 9-7-95  
Stephen Phelys

1/90



Drum I.D.#23; dated 9/24/95; project #2770; Location: Ukiah Station UB 16, soil. Label signed by Preston Gains; was lying on it's side along eastern side of track ~655 feet south of tank location.

**ATTACHMENT D**

**UNDERGROUND STORAGE TANK MANIFEST**

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>	1. Generator's US EPA ID No. CA101010162825591219610	Manifest Document No. 101	2. Page 1	Information in the shaded areas is not required by Federal law. TKTMP DARTMP
Generator's Name and Mailing Address SOUTHERN PACIFIC LINES ONE MARKET PLAZA SAN FRANCISCO CA 94105		SITE Add NORTON & MASON UKIAH CA 95482		
Generator's Phone (415) 541 2545		6. US EPA ID Number 95482		
Transporter 1 Company Name ERICKSON INC		8. US EPA ID Number CA10101946613192		
Transporter 2 Company Name		8. US EPA ID Number		
Designated Facility Name and Site Address ERICKSON INC. 55 PARR BLVD. RICHMOND, CA 94801		10. US EPA ID Number CA10101946613192		
US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) NON-RCRA HAZARDOUS WASTE SOLID: WASTE EMPTY STORAGE TANK ERG # NONE	12. Container No.	13. Total Quantity	14. Unit Wt/Vol	
	Type 101 TLP	2001	e	
3. Special Handling Instructions and Additional Information KEEP AWAY FROM SOURCES OF IGNITION. ALWAYS WEAR HARD HATS WHEN WORKING AROUND USSTs.				
NAME: 24 HR. EMERGENCY CONTACT DISRATED PHONE: 24 HR. EMERGENCY PHONE 1800 823 3948				
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this assignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.				
Printed/Typed Name Stephen Phelps (Agent for Southern Pacific)	Signature Stephen Phelps (Agent for Southern Pacific)	Month 09	Day 10	Year 1995
Printed/Typed Name CHARLEY ELMORE	Signature Charley Elmore	Month 09	Day 10	Year 1995
Printed/Typed Name Stephen Phelps (Agent for Southern Pacific)	Signature Stephen Phelps (Agent for Southern Pacific)	Month 09	Day 10	Year 1995
9. Discrepancy Indication/Space				
18. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.				
Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

Blue: GENERATOR SENDS THIS COPY TO DTSC WITHIN 30 DAYS.  
 Tan: P.O. Box 400, Sacramento, CA 95812-0400

*Prepared for*

City of Ukiah Recreation and Parks Department  
300 Seminary Avenue  
Ukiah, California 95482

**REPORT OF INVESTIGATION  
PROPOSED SKATEBOARD PARK DEVELOPMENT  
FORMER UNION PACIFIC RAILROAD DEPOT  
CITY OF UKIAH  
UKIAH, CALIFORNIA**

**AUGUST 2008**

**EBA Project No. 08-1484 (8)**

*Prepared by*

*Reviewed by*

**DRAFT**

**DRAFT**

---

François A. Bush  
Senior Geologist

---

Damon Brown, R.G., C.E.G., C.Hg.  
President



**DRAFT****TABLE OF CONTENTS**

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# DRAFT

## 1.0 INTRODUCTION

The City of Ukiah Recreation and Parks Department (URPD) contracted with EBA Engineering (EBA) to conduct a soil and groundwater investigation at the location of their proposed skateboard park development in Ukiah, California. The purpose of this investigation was to assess environmental impacts from historical uses of the property and to provide recommendations related to the development of the project site into a skateboard park. The scope of work for this investigation was proposed in EBA's *Soil and Groundwater Sampling Work Plan* (Work Plan) submitted to the North Coast Regional Water Quality Control Board (NCRWQCB) on April 10, 2008.

The proposed skateboard park is generally located just west of Leslie Street in downtown Ukiah (Figure 1, Appendix A). As shown on Figure 2 in Appendix A, the proposed skateboard park development includes the merging of the former Leslie Street Manufactured Gas Plant (MGP) property (NCRWQCB Case No. 1NMC233) and a portion of the Former Union Pacific Railroad (UPRR) Depot (NCRWQCB Case No. 1NMC397). Please see EBA's January 2005 *Report of Investigation, Monitoring Well Installation, City of Ukiah Former Leslie Street Gas Plant, Ukiah, California* (EBA, 2005) for summaries of adjacent site histories and local hydrogeologic conditions.

Construction activities for the proposed park include grading across the approximately 1.35 acre property for land leveling and drainage improvements, including excavation of storm drain and other utility trenches. The intent of this investigation was to characterize soil and groundwater conditions on the portion of the project site located on the former UPRR Depot property in preparation for site improvement activities prior to development of the park on the entire project site.

### 1.1 Site Location and Previous Environmental Investigations

The subject site of this investigation (project site) is located to the west of the former MGP property, located on the west site of Leslie Street, and to the east of the main north-south railroad tracks that run through downtown Ukiah. The project site as well as the former MGP property lies in a historic and highly industrialized area of Ukiah, in which the railroad served as the hub between a variety of industrial and commercial enterprises. The site is currently bordered to the east by the vacant former MGP property, to the north by the Gibson Creek drainage channel and other commercial properties along Perkins Street, and to the south and west by the currently vacant areas of the former UPRR depot. The project site is currently vacant.

Historical features of note on the project site include the indication of a former asphalt plant located on the southern half of the project site on the 1929 Sanborn Fire Insurance Map. The asphalt plant is indicated on the map as having "fuel oil on ground." The map also indicates that a railroad spur connecting to the main north-south railroad lines was located to the west of the asphalt plant, approximately along the western property boundary of the project site.

In March 1999, Geomatrix Consultants, Inc. (Geomatrix) performed a soil and groundwater investigation of the entire former UPRR Depot that included one sampling point located on the

# DRAFT

project site (UB32) and two sampling points just south and west of the project site property boundary (UB30 and UB31). The approximate locations of these sampling points are indicated on Figure 2 in Appendix A. Geomatrix collected soil samples from these three soil borings for chemical analysis of total petroleum hydrocarbons as diesel and motor oil (TPH-d and TPH-mo, respectively), poly aromatic hydrocarbons (PAHs), and CAM 17 Metals. Groundwater grab samples were also collected from these three soil borings for chemical analysis of TPH-d, PAHs, and volatile organic compounds (VOCs).

The results of the Geomatrix investigation indicated detections of most of the 17 metals and many of the PAHs in soil samples collected at depths of 0.5 and 2 feet below ground surface (BGS) from these three soil borings. TPH-d was not detected in any of the soil samples analyzed from these three soil borings, and TPH-mo was only detected in the sample collected at 0.5 feet BGS from UB30 at a concentration of 110 milligrams per kilogram (mg/kg). No VOCs, TPH-d, or PAHs were detected at or above their respective laboratory reporting limits in any of the groundwater grab samples collected during the Geomatrix investigation. Results of the investigation can be found in the 1999 Geomatrix document titled *Results of Soil and Groundwater Sampling, Union Pacific Railroad Company, Former Ukiah Station, Perkins Street, Ukiah, California*. No further soil or groundwater investigations have been conducted at the project site since the 1999 Geomatrix investigation.

## 2.0 PROJECT SITE CONDITIONS

### 2.1 Regional Hydrogeologic Setting

The Ukiah Valley forms a northwest trending basin with bordering foothills and mountains. Mountain ranges surround the valley and generally are steep and brush covered with elevations ranging from less than 1,000 feet to more than 3,000 feet above Mean Sea Level (MSL). The elevation of the valley floor ranges from approximately 665 feet MSL at Calpella in the north to approximately 540 feet MSL at El Roble, at the south end of the valley. The basin is drained by the Russian River, which flows from the northwest to the southeast.

Geologic units in the Ukiah area include Pleistocene continental basin deposits, younger Pleistocene continental terrace deposits, and Holocene alluvium (Farrar, 1986). The Pleistocene continental basin deposits consist of a heterogeneous mixture of loosely cemented gravel, sand, silt, and clay. Bedding ranges from massive to thin. The lateral extent of individual beds is generally small for the coarse-grained material and larger for fine-grained materials. Beds of sand and gravel are typically lenticular and interfinger with beds above and below. The Holocene alluvial deposits consist of unconsolidated sand, gravel, silt, and clay units that were deposited along active stream channels and flood plains during the last 10,000 years. The alluvial deposits are present in all major valleys and many of the minor stream courses.

### 2.2 Project Site Hydrogeology

The project site is mapped by the California Division of Mines and Geology as being alluvium: unconsolidated lenticular deposits of clay, sand, and gravel forming flood plains and alluvial fans

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with moderate to high permeability (CDMG, 1960). The lithology encountered during the advancement of soil borings for the 1999 Geomatrix investigation of the former UPRR Depot indicate that shallow soil consists primarily of clay underlain with sand and gravel. Based on information collected from groundwater monitoring of the five monitoring wells located on the former MGP property, east of the project site, depth to groundwater in the vicinity of the project site seasonally fluctuates between approximately 6 feet bgs to 23 feet bgs and has been calculated to be flowing towards the southeast.

## 3.0 FIELD INVESTIGATION

The current field investigation activities were performed in general accordance with EBA's April 10, 2008 Work Plan. On May 8 and 9, 2008, EBA personnel supervised the advancement of 18 project site shallow soil borings (B-1 through B-18) by RSI Drilling of Woodland, California. The approximate locations of these soil borings are presented on the attached Figure 2 (Appendix A). The investigation concentrated on identifying impacts from PAHs, but also included VOCs, metals, and petroleum hydrocarbons. Groundwater grab samples were also collected from six of the 18 soil borings. Groundwater samples were analyzed for PAH's, VOCs, metals, and petroleum hydrocarbons. Additional details regarding the performed scope of work are summarized below.

### 3.1 Utility Clearance and Permits

Prior to the start of work, the project site was marked for Underground Service Alert (USA). Soil boring permits were also obtained from the Mendocino County Division of Environmental Health (MCDEH).

### 3.2 Soil Boring Advancement and Soil Sample Collection

Soil borings B-1 through B-18 were advanced using direct-push drilling methods to depths ranging from approximately eight to 12 feet below ground surface (BGS). A continuous core of soil was collected into 4-foot long butyrate tubing lining the percussion drilling rods. Selected soil samples were obtained from the soil core for chemical analysis from depths of approximately 0.5, 2, and 5 feet BGS. Upon collection of each 4-foot long section soil core, a six inch portion of the butyrate tubing was cut at the desired sampling depths, and the section of tubing capped with Teflon sheeting, plastic end caps, and labeled. The sample identifications were then recorded on a Chain-of-Custody Record and subsequently placed under refrigerated conditions pending transport to the analytical laboratory. Soil samples to be analyzed for VOCs were also collected using Encore<sup>®</sup> samplers in accordance with the U.S. Environmental Protection Agency (EPA) Method 5035.

Following collection of the soil samples, the butyrate tubing was split open to facilitate soil logging and field screening for volatile VOCs using a photo-ionization detector (PID). Observations of the recovered soil core were recorded on soil boring logs in accordance with the Unified Soil Classification System (USCS) (boring logs presented in Appendix D). All soil cuttings generated during drilling activities was placed into properly labeled DOT 17H 55-gallon steel drums and stored on the former MGP property pending characterization and disposal.



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## **3.3 Groundwater Grab Sampling**

Soil borings advanced for collection of groundwater grab samples were drilled using direct push methods equipped with dual walled tooling. The drilling percussion rods were advanced to the depth of first encountered groundwater in soil borings B-2, B-7, B-9, B-11, B-15, and B-18. Groundwater was first encountered in these soil borings at depths ranging from approximately 9.5 to eleven feet BGS. Groundwater grab samples were collected after removing the soil sample barrel from the borehole. Groundwater grab samples were collected from within the outer barrel using a peristaltic pump at the location of each of these six soil borings.

## **3.4 Equipment Decontamination**

The drill rods, tools, and sampling equipment were cleaned before advancing each soil boring to minimize the possibility of cross-contamination. The equipment was steam cleaned with a power sprayer at high temperature, and/or washed in a tri-sodium phosphate (TSP) solution and rinsed with potable water. Decontamination water generated from equipment cleanup are currently stored on the former MGP property in properly labeled DOT-17H 55-gallon drums pending characterization and subsequent disposal.

## **3.5 Soil Boring Backfilling**

All the soil borings were tremie-grouted to ground surface using Portland cement. An inspector from the MCDEH observed and approved backfilling activities during both days of drilling.

## **3.6 Analytical Methods – Soil and Groundwater Grab Samples**

All soil and groundwater samples retained for chemical analysis were sealed, capped, labeled, and placed under refrigerated conditions pending transport under Chain-of-Custody procedures to K Prime Inc. (K Prime), a California State-certified laboratory for all of the requested chemical analysis.

All collected groundwater grab samples and all of the soil samples collected from 0.5 feet BGS were analyzed for the following suite of chemical analyses: VOCs using U.S. Environmental Protection Agency (EPA) Method 8260B; total petroleum hydrocarbons as gasoline (TPH-g), TPH-d, and TPH-mo using EPA Method 8015 Modified; CAM 17 metals by EPA Method 6020A (for soil samples) or dissolved metals by EPA Method 200.8 (for groundwater grab samples); and PAHs using EPA 8270 Method SIM. All samples submitted for TPH-d analysis included Silica Gel Cleanup using EPA 3630, 1664, or 9071. Soil samples collected from two and five feet BGS were also selectively analyzed for TPH-g, TPH-d, TPH-mo, PAHs, and/or arsenic.

## **4.0 FINDINGS**

The following subsections present findings from the May 2008 soil and groundwater investigation activities.

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## 4.1 Geology and Hydrogeology

The geology of the site, as determined from the investigation activities completed to date, suggests the presence of alternating lenses or zones of clays, silts, sands and gravels to a depth of 12 feet BGS, the maximum depth explored. Soil boring logs describing the lithology encountered during drilling activities are presented in Appendix C.

In general, the site is underlain by silty sand and silt to approximately one to three feet BGS, which is generally underlain by clay and silt to approximately six to eight feet BGS. From eight to 12 feet BGS, the site is generally underlain by poorly sorted sand and gravel mixtures with lesser amounts of silt and clay. The shallow groundwater bearing zone was encountered at approximately 9.5 to eleven feet BGS, within the sand and gravel layers in the the six soil borings advanced for groundwater grab sample collection.

## 4.3 Analytical Results

The chemical analytical results from the soil samples selected for analysis are summarized in Tables 1 through 4 in Appendix B. Chemical analytical results from the six collected groundwater grab samples are summarized in Tables 5 through 8 in Appendix B. Analytical laboratory reports from K Prime as well as corresponding Chain-of-Custody Records are presented in Appendix D.

The findings from the analysis of the soil and groundwater grab samples are further discussed below with comparisons to published regulatory agency recommended Environmental Screening Levels (ESLs), Preliminary Remedial Goals (PRGs), and California Maximum Contaminant Levels (MCLs). ESLs published by the San Francisco Bay Region Water Quality Control Board (SFBRWQCB) have been used for regulatory comparisons to the TPH-g, TPH-d, TPH-mo analytical results for both soil and groundwater grab samples. U.S. EPA Region IX PRGs for soil have been used for regulatory comparison for analytical results of PAH, metals, and VOC analyses in soil. PRGs have also been used for regulatory comparison to the results of PAH analysis in groundwater grab samples. Finally, the California MCLs for VOC and metals compounds in drinking water (where established) have been used for regulatory comparisons for the VOC and metals groundwater grab sample analytical results. The respective ESLs, PRGs, and MCLs are presented at the bottom rows of each of the applicable tables in Appendix B.

### 4.3.1 Soil Sample Analytical Results

Results of soil samples analyzed for TPH-g, TPH-d, and TPH-mo are summarized on Table 1 in Appendix B. No TPH-g was detected at or above laboratory reporting limits in any of the soil samples selected for this analysis from any of the 18 soil borings. TPH-d was also not detected in most of the soil samples collected and analyzed, but was detected at concentrations ranging from 23 to 490 mg/kg in soil samples collected from B-11, B-13, B-15, B-16, and B-18. However, each of the TPH-d detections was flagged by the analytical laboratory as primarily being due to heavier range hydrocarbons contributing to the diesel range quantitation. TPH-mo was detected at concentrations ranging from 28.7 mg/kg to 1,090 mg/kg in soil samples collected

## DRAFT

from B-1, B-11 through B-13, and B-15 through B-18, but was not detected at or above laboratory reporting limits in soil samples analyzed from the other project site borings (B-2 through B-10 and B-14). None of the TPH-mo detections are above the SFBRWQCB ESL for soil in a commercial or residential setting of 2,500 mg/kg. However TPH-mo detections from soil samples collected from B-16 and B-18 are greater than the ESL for soil in a residential setting of 410 mg/kg.

Results for soil samples analyzed for PAHs are summarized on Table 2 in Appendix B. Various PAHs were detected in soil samples collected from 16 of the 18 soil boring locations. However, results from only seven of the locations had various PAH detections at concentrations that were greater than PRGs for soil in a residential setting. Specifically, benzo(a)pyrene was detected at concentrations greater than the residential PRG in soil samples collected at 0.5 feet BGS from B-2, B-5, B-9, B-10, B-11, B-12, and B-17.

Results for soil samples analyzed for CAM 17 Metals are summarized on Table 3 in Appendix A. Arsenic, barium, chromium, cobalt, copper, lead, mercury, nickel, vanadium, and zinc were the only metals detected at or above laboratory reporting limits from the analyzed soil samples. Of these detections, only arsenic was detected at concentrations greater than its respective PRGs for soil in a residential setting (0.39 mg/kg) or soil in an industrial setting (7.63 mg/kg). However, as arsenic was generally detected at concentrations ranging from just over 4 mg/kg to approximately 17 mg/kg, it appears that these detections are likely reflective of expected background concentrations of arsenic in soil (Kearney, 1996). The only detection of arsenic at a higher than background concentration is from B-12@0.5 feet BGS at 86.6 mg/kg. This arsenic detection seems to be limited in vertical extent as the sample collected from 2 feet BGS from B-12 had a detected arsenic concentration of 13 mg/kg.

Results for soil samples analyzed for VOCs are summarized on Table 4 in Appendix B. Tetrachloroethylene (PCE) is the only VOC detected at or above laboratory reporting limits in any of the soil samples analyzed. The only two detections of PCE were in samples collected at 0.5 feet BGS from B-13 and B-14, at concentrations of 2.09 and 2.03 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ), respectively. These concentrations are both well below the PRG for PCE in soil in a residential setting of 480  $\mu\text{g}/\text{kg}$ .

### 4.3.2 Groundwater Grab Sample Analytical Results

Groundwater grab sample analytical results for TPH-g, TPH-d, and TPH-mo are summarized on Table 5 in Appendix B. Analytical results indicate that TPH-g, TPH-d, and TPH-mo were not detected at concentrations at or above their respective laboratory reporting limits in any of the six groundwater grab samples collected and analyzed.

Results of PAH analysis of the groundwater grab samples are summarized on Table 6 in Appendix B. The analytical results indicate various detections of eleven of the 16 PAH compounds at concentrations ranging from 0.012 to 0.133  $\mu\text{g}/\text{L}$  in five of the groundwater grab samples collected for this investigation. No PAHs were detected at or above laboratory reporting limits in the groundwater grab sample collected from B-2. None of the detected concentrations of PAHs were above their respective PRGs for PAHs in groundwater.

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Results of dissolved CAM 17 metals in groundwater grab samples are summarized on Table 7 in Appendix B. The results indicate that only barium, chromium, copper, molybdenum, nickel, selenium, vanadium, and zinc were detected at or above laboratory reporting limits in groundwater grab samples collected for this investigation. However, none of the detected concentrations exceeded their respective California MCLs for any of these eight metals.

Results of VOC analyses of groundwater grab samples are summarized on Table 8 of Appendix B. The only VOC detected at or above laboratory reporting limits is PCE, detected in each of the six groundwater grab samples at concentrations ranging from 1.54 to 2.67 µg/L. These detected concentrations are all below the California MCL of 5.0 µg/L for PCE in drinking water.

## 5.0 CONCLUSIONS

The following points outline EBA's findings and conclusions from the May 2008 subsurface investigation activities.

- Based on field observations and the geologic detail presented in the boring logs, it appears that the project site geology primarily consists of mixtures of silt and clay in the upper six to eight feet BGS, overlaying coarser grained mixtures of sand and gravel to 12 feet BGS. This conclusion is supported by the past subsurface investigations conducted at the project site by Geomatrix as well as prior investigations of the adjacent former MGP property conducted by EBA.
- First encountered groundwater occurs at approximately 9.5 to eleven feet BGS across the project site. The first groundwater bearing zone generally occurs in coarse grained sand and gravel first encountered at approximately six to eight feet BGS.
- Analytical results and field observations indicate that the shallow soil beneath the site appears to be primarily impacted by PAHs at seven of the 18 soil boring locations. The primary PAH of concern is benzo(a)pyrene, detected at concentrations greater than the PRG for soil in a residential setting of 0.015 mg/kg. However, the results also indicate that soil with detected concentrations of benzo(a)pyrene above the residential PRG generally lies within the upper 1 foot BGS, and soil from below two feet BGS does not appear to contain PAHs at concentrations that exceed the respective PRGs for PAHs for soil in a residential setting.
- Soil affected by TPH-mo above SFBRWQCB ELS for soil in a residential setting appears to be limited to the area in the vicinity of B-16 and B-18. Both of these soil borings are in the approximate vicinity of a reported former asphalt plant that was previously indicated located on the project site. Concentrations of TPH-mo from soil samples collected from these borings are below the ESL for soil in a commercial or industrial setting.

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- Soil affected by arsenic at concentrations above expected background concentrations appears to be limited to one sample collected at 0.5 feet BGS from B-12. The sample collected from two feet BGS from B-12 indicates that this elevated concentration of arsenic is not vertically extensive.
- Results of the six groundwater grab samples collected during this investigation indicate that no petroleum hydrocarbons were detected in groundwater. In addition, the limited detected concentrations PCE and metals are all below California MCLs for these compounds in drinking water, and the limited detections of PAHs in groundwater are all well below their respective PRGs for these compounds in groundwater.

## **6.0 RECOMMENDATIONS**

As the URPD's proposed skateboard park development includes the merging of the project site with the former Leslie Street MGP property, EBA recommends that a remedial action work plan be prepared summarizing the environmental conditions of both properties and presenting a plan for removal or treatment of contaminants detected at concentrations in excess of regulatory guidelines such as PRGs for PAH compounds and other accepted remedial goals for petroleum hydrocarbon compounds.

Based on EBA's current knowledge of environmental conditions at the former MGP property, it is likely that the PAH compound benzo(a)pyrene will be the primary constituent of concern that will be the focus of any proposed remedial action. As both the project site and former MGP property are currently considered separate cases under NCRWQCB oversight, the proposal to combine the project site portion of the former UPRR Depot case with the former MGP property case should first be discussed with NCRWQCB staff, as well as any other possible Responsible Parties (RPs), such as current land leaseholders or property owners.

## **7.0 LIMITATIONS**

This investigative report was prepared in accordance with generally accepted standards of environmental practice at the place and time this investigation was performed. This warranty is in lieu of all other warranties, either expressed or implied. This investigation was conducted solely for the purpose of evaluating environmental conditions of the soil and groundwater with respect to chemical impacts suspected at the project site. No soil engineering or geotechnical references are implied or should be inferred. Evaluation of the geologic conditions at the site for the purpose of this investigation is made from a limited number of observation points. Subsurface conditions may vary away from the data points available. Additional work, including further subsurface investigation, can reduce the inherent uncertainties associated with this type of investigation. This report has been prepared solely for the Client and any reliance on this report by third parties shall be at such party's sole risk.

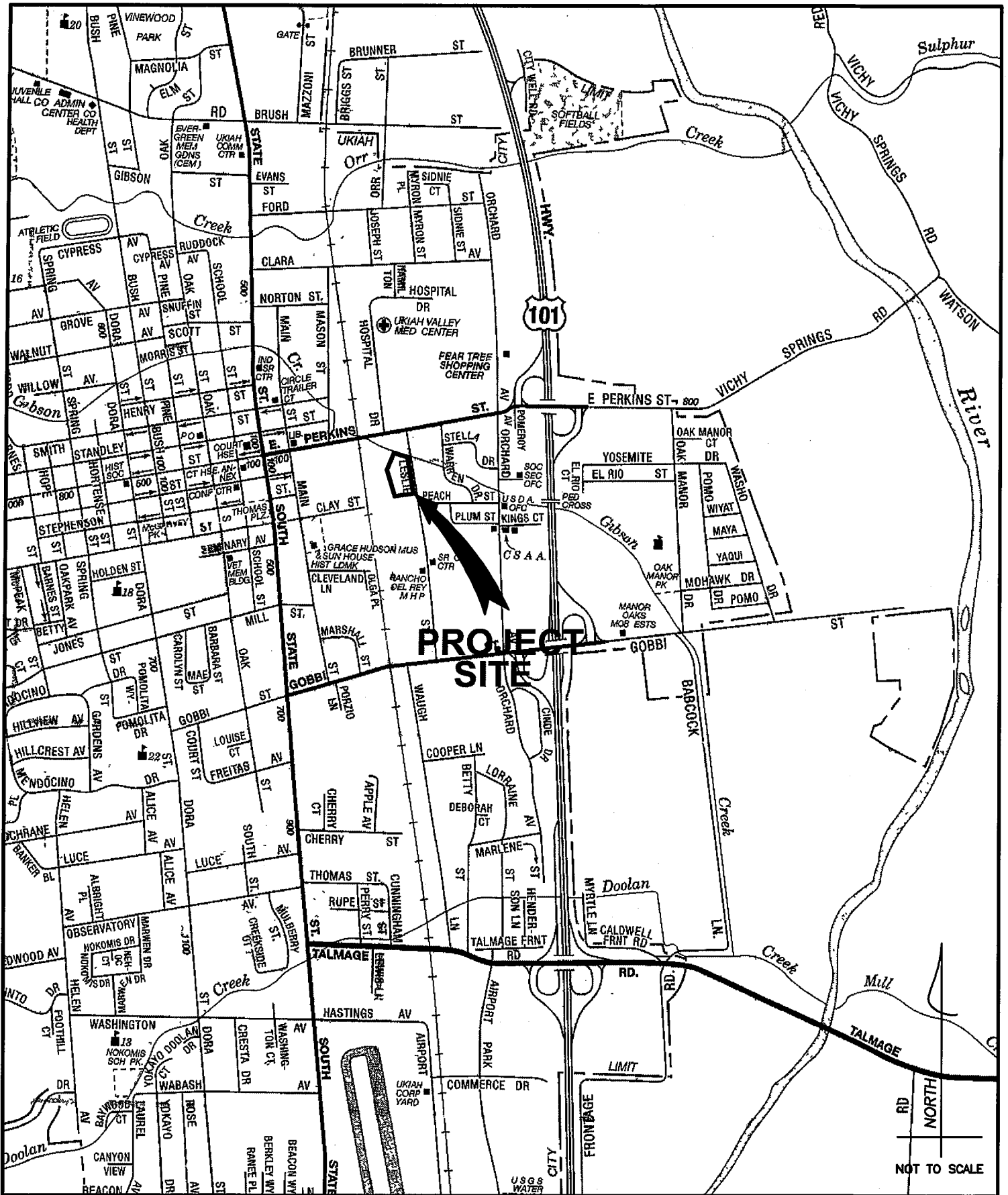
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## 8.0 REFERENCES

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**APPENDIX A**

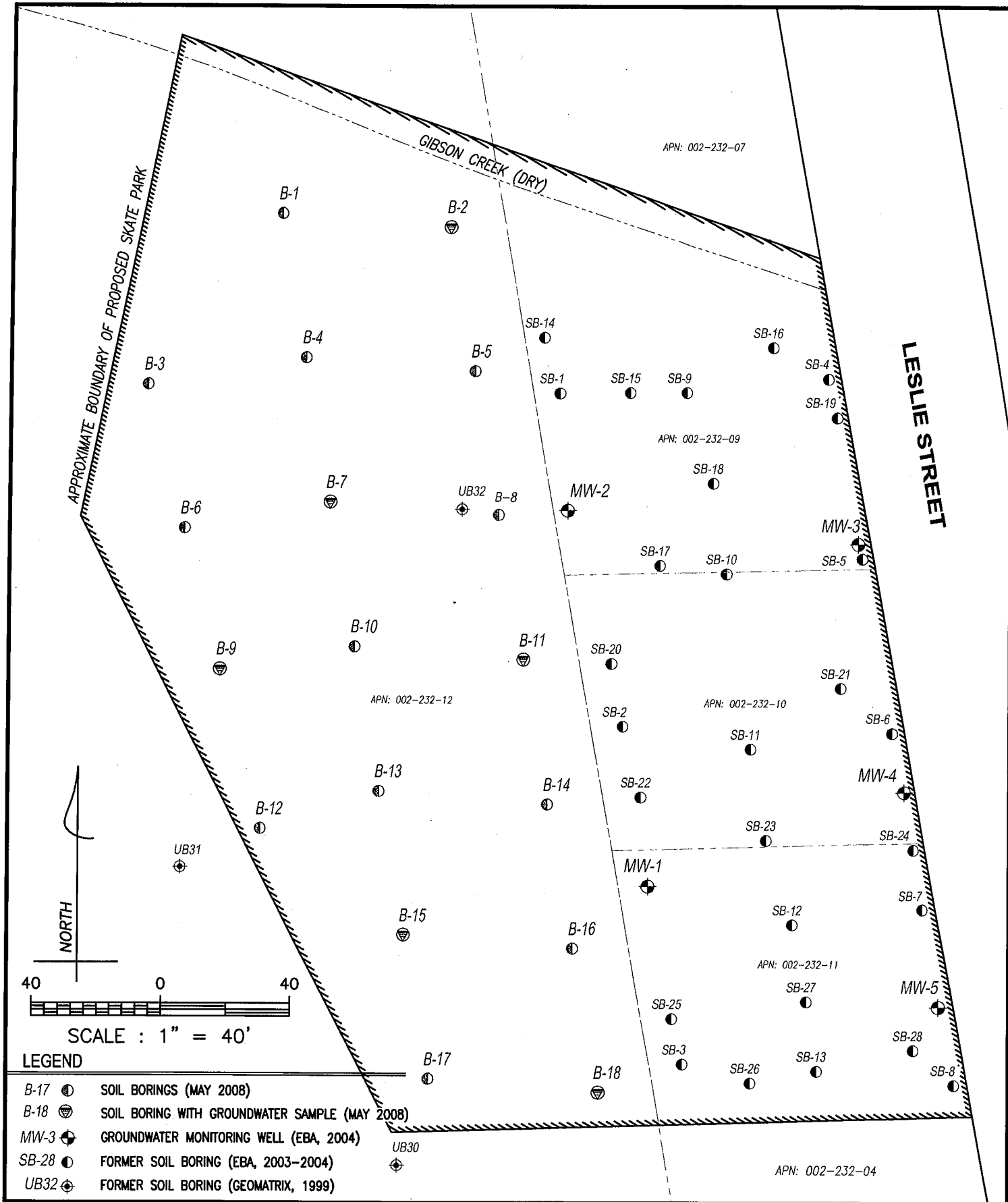
**FIGURES**



**LOCATION MAP**  
 PROPOSED CITY OF UKIAH SKATE PARK  
 LESLIE STREET  
 UKIAH, CALIFORNIA

FIGURE  
**1**  
 08-1484





**LEGEND**

- B-17 ● SOIL BORINGS (MAY 2008)
- B-18 ● SOIL BORING WITH GROUNDWATER SAMPLE (MAY 2008)
- MW-3 ● GROUNDWATER MONITORING WELL (EBA, 2004)
- SB-28 ● FORMER SOIL BORING (EBA, 2003-2004)
- UB32 ● FORMER SOIL BORING (GEOMATRIX, 1999)



**SITE MAP**  
 PROPOSED CITY OF UKIAH SKATE PARK  
 LESLIE STREET  
 UKIAH, CALIFORNIA

**FIGURE**  
**2**  
 08-1484

**APPENDIX B**

**TABLES**

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TABLE 1  
SOIL SAMPLE ANALYTICAL RESULTS  
TPH-g, TPH-d, and TPH-mo  
Ukiah Skate Park, Ukiah, California  
EBA Project No. 08-1484

Sample ID	Date Sampled	TPH-g (mg/kg)	TPH-d (mg/kg)	TPH-mo (mg/kg)
B-1@0.5'	5/8/2008	<1.00	<25.0	114
B-1@2'	5/8/2008	<1.00	<10.0	<10.0
B-1 @ 5'	5/8/2008	NA	NA	NA
B-2@0.5'	5/8/2008	<1.00	<10.0	<10.0
B-2@2'	5/8/2008	<1.00	<10.0	<10.0
B-2@5'	5/8/2008	NA	NA	NA
B-3@0.5'	5/8/2008	<1.00	<10.0	<10.0
B-3@2'	5/8/2008	<1.00	<10.0	<10.0
B-3@5'	5/8/2008	NA	NA	NA
B-4@0.5'	5/8/2008	<1.00	<10.0	<10.0
B-4@2'	5/8/2008	<1.00	<10.0	<10.0
B-4@5'	5/8/2008	NA	NA	NA
B-5@0.5'	5/8/2008	<1.00	<10.0	<10.0
B-5@2'	5/8/2008	<1.00	<10.0	<10.0
B-5@5'	5/8/2008	NA	NA	NA
B-6@0.5'	5/8/2008	<1.00	<10.0	<10.0
B-6@2'	5/8/2008	<1.00	<10.0	<10.0
B-6@5'	5/8/2008	NA	NA	NA
B-7@0.5'	5/8/2008	<1.00	<10.0	<10.0
B-7@2'	5/8/2008	<1.00	<10.0	<10.0
B-7@5'	5/8/2008	NA	NA	NA
B-8@0.5'	5/8/2008	<1.00	<10.0	<10.0
B-8@2'	5/8/2008	<1.00	<10.0	<10.0
B-8@5'	5/8/2008	NA	NA	NA
B-9@0.5'	5/8/2008	<1.00	<10.0	<10.0
B-9@2'	5/8/2008	<1.00	<10.0	<10.0
B-9@5'	5/8/2008	NA	NA	NA

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**TABLE 1  
SOIL SAMPLE ANALYTICAL RESULTS  
TPH-g, TPH-d, and TPH-mo  
Ukiah Skate Park, Ukiah, California  
EBA Project No. 08-1484**

<b>Sample ID</b>	<b>Date Sampled</b>	<b>TPH-g (mg/kg)</b>	<b>TPH-d (mg/kg)</b>	<b>TPH-mo (mg/kg)</b>
B-10@0.5'	5/8/2008	<1.00	<10.0	<10.0
B-10@2'	5/8/2008	<1.00	<10.0	<10.0
B-10@5'	5/8/2008	NA	NA	NA
B-11@0.5'	5/8/2008	<1.00	<b>27<sup>A</sup></b>	<b>28.7</b>
B-11@2'	5/8/2008	<1.00	<10.0	<10.0
B-11@5'	5/8/2008	NA	NA	NA
B-12@0.5'	5/8/2008	<1.00	<25.0	<b>164</b>
B-12@2'	5/8/2008	<1.00	<10.0	<10.0
B-12@5'	5/8/2008	NA	NA	NA
B-13@0.5'	5/9/2008	<1.00	<b>23<sup>A</sup></b>	<b>81.7</b>
B-13@2'	5/9/2008	<1.00	<10.0	<10.0
B-13@5'	5/8/2008	NA	NA	NA
B-14@0.5'	5/9/2008	<1.00	<10.0	<10.0
B-14@2'	5/9/2008	<1.00	<10.0	<10.0
B-15@0.5'	5/9/2008	<1.00	<b>38.1<sup>A</sup></b>	<b>266</b>
B-15@2'	5/9/2008	<1.00	<10.0	<10.0
B-15@5'	5/9/2008	NA	NA	NA
B-16@0.5'	5/9/2008	<1.00	<b>368<sup>A</sup></b>	<b>590</b>
B-16@2'	5/9/2008	<1.00	<b>11.3<sup>A</sup></b>	<b>62.6</b>
B-16@5'	5/9/2008	NA	<b>382<sup>A</sup></b>	<b>681</b>
B-17@0.5'	5/9/2008	<1.00	<25.0	<b>224</b>
B-17@2'	5/9/2008	<1.00	<10.0	<10.0
B-17@5'	5/8/2008	NA	NA	NA
B-18@0.5'	5/9/2008	<1.00	<b>490<sup>A</sup></b>	<b>1,090</b>
B-18@2'	5/9/2008	<1.00	<b>339<sup>A</sup></b>	<b>652</b>
B-18@5'	5/9/2008	NA	<b>448<sup>A</sup></b>	<b>795</b>
<b>ESL<sup>1</sup></b>		<b>83</b>	<b>83</b>	<b>410</b>
<b>ESL<sup>2</sup></b>		<b>83</b>	<b>83</b>	<b>2,500</b>

TPH-g = Total Petroleum Hydrocarbons as gasoline.

TPH-d = Total Petroleum Hydrocarbons as diesel.

TPH-mo = Total Petroleum Hydrocarbons as motor oil.

mg/kg = micrograms per kilogram.

NA = Not Analyzed.

<sup>A</sup> Heavier Hydrocarbon contributing to diesel range quantitation.

ESL<sup>1</sup> = San Francisco Bay Regional Quality Control Board Environmental Screening Level for shallow soil in a residential setting.

ESL<sup>2</sup> = San Francisco Bay Regional Quality Control Board Environmental Screening Level for shallow soil in a commercial or industrial setting.

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TABLE 2  
 SOIL SAMPLE ANALYTICAL RESULTS  
 POLYCYCLIC AROMATIC HYDROCARBONS  
 Ukiah Skate Park, Ukiah, California  
 EBA Project No. 08-1484

(Results reported in µg/kg)

Sample ID	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (A) Anthracene	Benzo (B) Fluoranthene	Benzo (K) Fluoranthene	Benzo (A) Pyrene	Benzo (G,H,I) Perylene	Chrysene	Dibenzo (A,H) Anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-CD) Pyrene	Naphthalene	Phenanthrene	Pyrene
B-1@0.5'	5/8/2008	<2.50	<2.50	<2.50	8.39	16.4	8.78	5.03	14.4	9.83	<10.0	10.0	<2.50	11.6	<2.50	<2.50	17.4
B-1@2'	5/8/2008	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<10.0	<2.50	<10.0	<2.50	<2.50	<10.0	<2.50	<2.50	<2.50
B-1@5'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-2@0.5'	5/8/2008	<2.50	2.89	7.63	28.5	128	55.3	16.0	127	47.7	<10.0	87.9	<2.50	107	<2.50	19.9	129
B-2@2'	5/8/2008	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<10.0	<2.50	<10.0	<2.50	<2.50	<10.0	<2.50	<2.50	<2.50
B-2@5'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-3@0.5'	5/8/2008	<2.50	<2.50	<2.50	<2.50	2.94	<2.50	<2.50	<10.0	<2.50	<10.0	<2.50	<2.50	<10.0	<2.50	<2.50	<2.50
B-3@2'	5/8/2008	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<10.0	<2.50	<10.0	<2.50	<2.50	<10.0	<2.50	<2.50	<2.50
B-3@5'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-4@0.5'	5/8/2008	<2.50	4.16	12.2	36.6	146	80.3	4.61	79.1	64.3	20.6	108	<2.50	75.6	<2.50	25.6	<2.50
B-4@2'	5/8/2008	<2.50	<2.50	<2.50	10.1	11.3	6.31	<2.50	<10.0	7.55	<10.0	6.46	<2.50	<10.0	<2.50	<2.50	8.63
B-4@5'	5/8/2008	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<10.0	<2.50	<10.0	<2.50	<2.50	<10.0	<2.50	<2.50	<2.50
B-5@0.5'	5/8/2008	<2.50	77.7	127	226	717	311	257	1,030	283	55.8	895	35.4	858	75.0	605	1,380
B-5@2'	5/8/2008	<2.50	<2.50	<2.50	8.37	10.0	4.82	<2.50	<10.0	5.62	<10.0	8.88	<2.50	<10.0	<2.50	<2.50	16.1
B-5@5'	5/8/2008	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<10.0	<2.50	<10.0	<2.50	<2.50	<10.0	<2.50	<2.50	<2.50
B-6@0.5'	5/8/2008	<2.50	<2.50	<2.50	4.44	2.85	<2.50	<2.50	<10.0	3.01	<10.0	2.65	<2.50	<10.0	<2.50	<2.50	3.00
B-6@2'	5/8/2008	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<10.0	<2.50	<10.0	<2.50	<2.50	<10.0	<2.50	<2.50	<2.50
B-6@5'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-7@0.5'	5/8/2008	<2.50	3.54	3.95	20.7	57.2	23.0	6.56	45.3	20.7	<10.0	41.4	<2.50	26.3	3.72	31.7	58.0
B-7@2'	5/8/2008	<2.50	<2.50	<2.50	6.64	14.6	6.64	<2.50	<10.0	7.83	<10.0	7.02	<2.50	<10.0	<2.50	<2.50	10.1
B-7@5'	5/8/2008	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<10.0	<2.50	<10.0	<2.50	<2.50	<10.0	<2.50	<2.50	<2.50
B-8@0.5'	5/8/2008	<2.50	3.75	4.57	30.6	126	66.1	9.99	175	50.8	<10.0	94.9	<2.50	132	2.75	26.1	145
B-8@2'	5/8/2008	<2.50	<2.50	<2.50	7.51	16.1	5.68	<2.50	17.1	6.51	<10.0	9.21	<2.50	10.4	<2.50	<2.50	15.0
B-8@5'	5/8/2008	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<10.0	<2.50	<10.0	<2.50	<2.50	<10.0	<2.50	<2.50	<2.50
B-9@0.5'	5/8/2008	<2.50	9.11	16.0	53.6	221	113	69.1	241	84.3	28.4	146	<2.50	222	<2.50	45.7	252
B-9@2'	5/8/2008	<2.50	<2.50	7.24	29.3	198	86.1	15.7	118	84.0	119	24.6	<2.50	132	<2.50	13.1	45.9
B-9@5'	5/8/2008	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<10.0	<2.50	<10.0	<2.50	<2.50	<10.0	<2.50	<2.50	<2.50

TABLE 2  
SOIL SAMPLE ANALYTICAL RESULTS  
POLYCYCLIC AROMATIC HYDROCARBONS  
Ukiah Skate Park, Ukiah, California  
EBA Project No. 08-1484

(Results reported in µg/kg)

Sample ID	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (A) Anthracene	Benzo (B) Fluoranthene	Benzo (K) Fluoranthene	Benzo (A) Pyrene	Benzo (G,H,I) Perylene	Chrysene	Dibenzo (A,H) Anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-CD) Pyrene	Naphthalene	Phenanthrene	Pyrene
B-10@0.5'	5/8/2008	<2.50	74.0	102	524	2,020	535	512	2,660	538	147	1,450	7.92	2,210	59.5	482	1,900
B-10@2'	5/8/2008	<2.50	<2.50	3.42	8.60	10.2	4.37	<2.50	12.5	6.59	<10.0	11.1	<2.50	<10.0	<2.50	7.52	17.2
B-10@5'	5/8/2008	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<10.0	<2.50	<10.0	7.27	<2.50	<10.0	<2.50	<2.50	6.98
B-11@0.5'	5/8/2008	<2.50	42.8	70.9	265	1,250	399	262	1,490	357	85.8	980	7.60	1,290	19.4	416	1,430
B-11@2'	5/8/2008	<2.50	<2.50	<2.50	4.91	<2.50	<2.50	<2.50	<10.0	2.98	<10.0	<2.50	<2.50	<10.0	<2.50	<2.50	3.05
B-11@5'	5/8/2008	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<10.0	<2.50	<10.0	<2.50	<2.50	<10.0	<2.50	<2.50	<2.50
B-12@0.5'	5/8/2008	<2.50	<2.50	<2.50	44.7	28.5	<2.50	76.7	135	67.4	<100	<25.0	<25.0	<100	<25.0	<25.0	28.5
B-12@2'	5/8/2008	<2.50	<2.50	<2.50	5.49	<2.50	<2.50	<2.50	<10.0	<2.50	<10.0	<2.50	<2.50	<10.0	<2.50	<2.50	<2.50
B-12@5'	5/8/2008	<2.50	<2.50	<2.50	<2.50	26.1	14.7	<2.50	24.6	<2.50	<10.0	37.1	<2.50	18.1	<2.50	<2.50	39.8
B-13@0.5'	5/9/2008	<2.50	6.22	15.6	24.2	61.5	27.5	3.74	87.3	29.3	<10.0	63.2	<2.50	58.7	<2.50	38.5	116
B-13@2'	5/9/2008	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<10.0	<2.50	<10.0	<2.50	<2.50	<10.0	<2.50	<2.50	<2.50
B-13@5'	5/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-14@0.5'	5/9/2008	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<10.0	<2.50	<10.0	<2.50	<2.50	<10.0	<2.50	<2.50	<2.50
B-14@2'	5/9/2008	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<10.0	<2.50	<10.0	<2.50	<2.50	<10.0	<2.50	<2.50	<2.50
B-14@5'	5/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-15@0.5'	5/9/2008	<2.50	<2.50	2.78	12.3	29.9	12.3	3.10	49.7	12.1	<10.0	24.4	<2.50	32.3	<2.50	9.35	48.9
B-15@2'	5/9/2008	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<10.0	<2.50	<10.0	<2.50	<2.50	<10.0	<2.50	<2.50	<2.50
B-15@5'	5/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-16@0.5'	5/9/2008	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<100	<25.0	<100	<25.0	<25.0	<100	<25.0	<25.0	<25.0
B-16@2'	5/9/2008	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<10.0	<2.50	<10.0	<2.50	<2.50	<10.0	<2.50	<2.50	<2.50
B-16@5'	5/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-17@0.5'	5/9/2008	<2.50	<2.50	39.9	103	274	103	80.1	417	113	<100	205	<25.0	276	<25.0	126	338
B-17@2'	5/9/2008	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<10.0	<2.50	<10.0	<2.50	<2.50	<10.0	<2.50	<2.50	<2.50
B-17@5'	5/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-18@0.5'	5/9/2008	<2.50	<2.50	<2.50	47.1	<2.50	<2.50	<2.50	<100	36.1	<100	<25.0	<25.0	<100	<25.0	<25.0	<25.0
B-18@2'	5/9/2008	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<100	<2.50	<100	<25.0	<25.0	<100	<25.0	<25.0	<25.0
B-18@5'	5/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PRG <sup>1</sup>		3.4 x 10 <sup>6</sup>	*	1.7 x 10 <sup>7</sup>	150	150	1,500	15	*	1.5 x 10 <sup>4</sup>	15	2.3 x 10 <sup>6</sup>	2.7 x 10 <sup>6</sup>	150	1.5 x 10 <sup>5</sup>	*	1.7 x 10 <sup>6</sup>
PRG <sup>2</sup>		3.3 x 10 <sup>7</sup>	*	1.7 x 10 <sup>8</sup>	2,100	2,100	21,000	210	*	2.1 x 10 <sup>5</sup>	210	2.2 x 10 <sup>7</sup>	2.6 x 10 <sup>7</sup>	2,100	6.7 x 10 <sup>5</sup>	*	1.7 x 10 <sup>7</sup>

µg/kg = micrograms per kilogram.

NA = Not Analyzed.

PRG<sup>1</sup> = U.S. Environmental Protection Agency Region IX Preliminary Remedial Goals for soil in a residential setting. Reported in µg/kg (June 12, 2008).

PRG<sup>2</sup> = U.S. Environmental Protection Agency Region IX Preliminary Remedial Goals for soil in an industrial setting. Reported in µg/kg (June 12, 2008).

\* A PRG is not established for this constituent.

TABLE 3  
 SOIL SAMPLE ANALYTICAL RESULTS  
 CAM 17 Metals  
 Ukiah Skate Park, Ukiah, California  
 EBA Project No. 08-1484

(Results reported in mg/kg)

Sample ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
B-1@0.5'	5/8/2008	<2.50	5.68	131	<2.50	<2.50	122	12.6	21.0	15.7	<0.100	<2.50	78.3	<2.50	<2.50	<2.50	57.5	49.7
B-1@2'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-1@5'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-2@0.5'	5/8/2008	<2.50	5.18	180	<2.50	<2.50	47.7	13.5	25.9	30.3	<0.100	<2.50	64.9	<2.50	<2.50	<2.50	43.0	69.8
B-2@2'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-2@5'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-3@0.5'	5/8/2008	<2.50	6.38	194	<2.50	<2.50	82.1	17.4	30.9	10.8	<0.100	<2.50	104	<2.50	<2.50	<2.50	49.8	70.8
B-3@2'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-3@5'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-4@0.5'	5/8/2008	<2.50	12.2	195	<2.50	<2.50	69.1	15.9	32.8	28.2	<0.100	<2.50	86.7	<2.50	<2.50	<2.50	52.2	98.4
B-4@2'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-4@5'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-5@0.5'	5/8/2008	<2.50	6.43	169	<2.50	<2.50	42.0	11.5	28.6	29.8	<0.100	<2.50	61.7	<2.50	<2.50	<2.50	41.6	81.7
B-5@2'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-5@5'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-6@0.5'	5/8/2008	<2.50	5.49	191	<2.50	<2.50	57.8	15.1	28.8	13.0	<0.100	<2.50	73.4	<2.50	<2.50	<2.50	49.7	62.6
B-6@2'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-6@5'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-7@0.5'	5/8/2008	<2.50	7.23	201	<2.50	<2.50	95.1	19.6	33.1	12.1	<0.100	<2.50	116	<2.50	<2.50	<2.50	63.7	68.5
B-7@2'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-7@5'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-8@0.5'	5/8/2008	<2.50	5.68	160	<2.50	<2.50	54.8	14.9	33.5	21.5	<0.100	<2.50	66.2	<2.50	<2.50	<2.50	45.4	74.4
B-8@2'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-8@5'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-9@0.5'	5/8/2008	<2.50	7.63	153	<2.50	<2.50	46.8	12.9	34.2	46.5	<0.100	<2.50	63.8	<2.50	<2.50	<2.50	47.5	104
B-9@2'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-9@5'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 3  
 SOIL SAMPLE ANALYTICAL RESULTS  
 CAM 17 Metals  
 Ukiah Skate Park, Ukiah, California  
 EBA Project No. 08-1484

Sample ID	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
B-10@0.5'	5/8/2008	<2.50	6.0	146	<2.50	<2.50	61.3	15.1	28.7	16.6	<0.100	<2.50	81.4	<2.50	<2.50	<2.50	50.6	76.6
B-10@2'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-10@5'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-11@0.5'	5/8/2008	<2.50	8.28	115	<2.50	<2.50	55.3	11.5	28.7	25.6	<0.100	<2.50	68.0	<2.50	<2.50	<2.50	44.8	71.8
B-11@2'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-11@5'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-12@0.5'	5/8/2008	<2.50	86.6	87.0	<2.50	<2.50	48.7	12.5	26.5	24.4	<0.100	<2.50	67.8	<2.50	<2.50	<2.50	46.2	58.7
B-12@2'	5/8/2008	NA	13.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-12@5'	5/8/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-13@0.5'	5/9/2008	<2.50	4.41	136	<2.50	<2.50	48.8	6.29	17.5	7.52	<0.100	<2.50	50.2	<2.50	<2.50	<2.50	35.6	41.9
B-13@2'	5/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-13@5'	5/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-14@0.5'	5/9/2008	<2.50	5.27	156	<2.50	<2.50	51.2	13.7	23.9	10.1	<0.100	<2.50	70.3	<2.50	<2.50	<2.50	40.9	70.6
B-14@2'	5/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-14@5'	5/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-15@0.5'	5/9/2008	<2.50	16.2	103	<2.50	<2.50	70.1	14.4	31.6	35.1	<0.100	<2.50	90.2	<2.50	<2.50	<2.50	46.4	70.7
B-15@2'	5/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-15@5'	5/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-16@0.5'	5/9/2008	<2.50	5.40	218	<2.50	<2.50	48.0	15.7	28.6	13.2	<0.100	<2.50	64.4	<2.50	<2.50	<2.50	49.9	67.8
B-16@2'	5/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-16@5'	5/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-17@0.5'	5/9/2008	<2.50	17.3	192	<2.50	<2.50	72.3	18.0	31.8	31.2	0.154	<2.50	93.0	<2.50	<2.50	<2.50	52.2	112
B-17@2'	5/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-17@5'	5/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-18@0.5'	5/9/2008	<2.50	5.86	215	<2.50	<2.50	75.7	17.3	30.0	9.72	<0.100	<2.50	97.5	<2.50	<2.50	<2.50	53.6	61.6
B-18@2'	5/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-18@5'	5/9/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PRG <sup>1</sup>		31	0.39	1.5 x 10 <sup>4</sup>	160	70	1.2 x 10 <sup>6</sup>	900	3,100	400	6.7	390	1,600	390	390	5.1	390	23,000
PRG <sup>2</sup>		410	1.6	1.9 x 10 <sup>5</sup>	2,000	810	1.5 x 10 <sup>6</sup>	1,900	4.1 x 10 <sup>4</sup>	*	28	5,100	20,000	5,100	5,100	66	5,200	3.1 x 10 <sup>5</sup>

mg/kg = milligrams per kilogram.

NA = Not Analyzed.

PRG<sup>1</sup> = U.S. Environmental Protection Agency Region IX Preliminary Remedial Goals for soil in a residential setting (June 12, 2008).

PRG<sup>2</sup> = U.S. Environmental Protection Agency Region IX Preliminary Remedial Goals for soil in an industrial setting (June 12, 2008).

\* A PRG is not established for this constituent.



**TABLE 4**  
**SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS**  
**VOLATILE ORGANIC COMPOUNDS**  
**Ukiah Skate Park, Ukiah, California**  
**EBA Project No. 08-1484**

Sample ID	Date	Units	Depth (feet)	PCE	Other VOCs
B-1	5/8/2008	ug/kg	0.5	<1.39	ND
B-2	5/8/2008	ug/kg	0.5	<1.40	ND
B-3	5/8/2008	ug/kg	0.5	<1.49	ND
B-4	5/8/2008	ug/kg	0.5	<1.49	ND
B-5	5/8/2008	ug/kg	0.5	<1.50	ND
B-6	5/8/2008	ug/kg	0.5	<1.49	ND
B-7	5/8/2008	ug/kg	0.5	<1.51	ND
B-8	5/8/2008	ug/kg	0.5	<1.51	ND
B-9	5/8/2008	ug/kg	0.5	<1.49	ND
B-10	5/8/2008	ug/kg	0.5	<1.50	ND
B-11	5/8/2008	ug/kg	0.5	<1.52	ND
B-12	5/8/2008	ug/kg	0.5	<1.49	ND
B-13	5/8/2008	ug/kg	0.5	<b>2.09</b>	ND
B-14	5/8/2008	ug/kg	0.5	<b>2.03</b>	ND
B-15	5/8/2008	ug/kg	0.5	<1.83	ND
B-16	5/8/2008	ug/kg	0.5	<1.62	ND
B-17	5/8/2008	ug/kg	0.5	<1.88	ND
B-18	5/8/2008	ug/kg	0.5	<3.19	ND
PRG <sup>1</sup>				480	varies
PRG <sup>2</sup>				1300	varies

PCE = Tetrachloroethylene

VOCs = Volatile Organic Compounds

µg/kg = micrograms per kilogram.

ND = Not detected above the laboratory's reporting limit.

PRG<sup>1</sup> = U.S. Environmental Protection Agency Region IX Preliminary Remedial Goals for soil in a residential setting.

PRG<sup>2</sup> = U.S. Environmental Protection Agency Region IX Preliminary Remedial Goals for soil in an industrial setting.

**TABLE 5**  
**GROUNDWATER GRAB SAMPLE ANALYTICAL RESULTS**  
**TPH-g, TPH-d, and TPH-mo**  
**Ukiah Skate Park, Ukiah, California**  
**EBA Project No. 08-1484**

Sample ID	Date Sampled	TPH-g (µg/L)	TPH-d (µg/L)	TPH-mo (µg/L)
B-2-W	5/8/2008	<50	<50	<50
B-7-W	5/8/2008	<50	<50	<50
B-9W	5/8/2008	<50	<50	<50
B-11W	5/8/2008	<50	<50	<50
B-15W	5/9/2008	<50	<50	<50
B-18W	5/9/2008	<50	<50	<50
<b>ESL</b>		100	100	100

TPH-g = Total Petroleum Hydrocarbons as gasoline.

TPH-d = Total Petroleum Hydrocarbons as diesel.

TPH-mo = Total Petroleum Hydrocarbons as motor oil.

µg/L = micrograms per liter.

ESL = San Francisco Bay Regional Quality Control Board Environmental Screening Level for groundwater.

**TABLE 6**  
**GROUNDWATER GRAB SAMPLE ANALYTICAL RESULTS**  
**POLYNUCLEAR AROMATIC HYDROCARBONS**  
 Ukiah Skate Park, Ukiah, California  
 EBA Project No. 08-1484

Sample ID	Date Sampled	Acenaphthene	Acenaphthylene	Anthracene	Benzo (A) Anthracene	Benzo (B) Fluoranthene	Benzo (K) Fluoranthene	Benzo (A) Pyrene	Benzo (G,H,I) Perylene	Chrysene	Dibenzo (A,H) Anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-CD) Pyrene	Naphthalene	Phenanthrene	Pyrene
B-2-W	5/8/2008	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.040	<0.010	<0.040	<0.010	<0.010	<0.040	<0.010	<0.010	<0.010
B-7-W	5/8/2008	<0.010	0.111	<0.010	<0.010	<0.010	<0.010	<0.010	<0.040	<0.010	<0.040	<0.010	<0.010	<0.040	<0.010	0.015	<0.010
B-9W	5/8/2008	<0.010	0.064	<0.010	0.014	<0.010	<0.010	<0.010	<0.040	<0.010	<0.040	<0.010	<0.010	<0.040	<0.010	<0.010	<0.010
B-11W	5/8/2008	<0.010	0.053	<0.010	0.019	0.032	0.012	<0.010	0.051	<0.010	<0.040	0.022	<0.010	<0.040	0.011	0.019	0.029
B-15W	5/9/2008	<0.010	0.133	<0.010	0.020	0.030	0.012	<0.010	<0.040	<0.010	<0.040	0.022	<0.010	<0.040	0.013	0.026	0.022
B-18W	5/9/2008	<0.010	0.042	<0.010	0.032	0.068	0.026	<0.010	0.076	0.020	<0.040	0.046	<0.010	0.061	0.013	0.028	0.070
PRG		370	*	1,800	0.092	0.092	0.92	0.0092	*	9.2	0.0092	1,500	240	0.092	6.2	*	180

(Results reported in µg/L)

µg/L =micrograms per liter.

PRG = U.S. Environmental Protection Agency Region IX Preliminary Remedial Goals for tapwater.

\* A PRG is not established for this constituent.

**TABLE 7**  
**GROUNDWATER GRAB SAMPLE ANALYTICAL RESULTS**  
**CAM 17 Metals**  
**Ukiah Skate Park, Ukiah, California**  
**EBA Project No. 08-1484**

Sample ID	Date Sampled	(Results reported in µg/L)															
		Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium
B-2-W	5/8/2008	<1.0	<1.0	53.1	<1.0	3.57	<1.0	1.98	<1.0	<0.200	<1.0	1.94	2.64	<1.0	<1.0	1.15	18.4
B-7-W	5/8/2008	<1.0	<1.0	83.1	<1.0	3.67	<1.0	2.40	<1.0	<0.200	1.40	2.30	2.58	<1.0	<1.0	1.11	4.12
B-9W	5/8/2008	<1.0	<1.0	53.7	<1.0	3.98	<1.0	2.60	<1.0	<0.200	1.29	1.86	2.46	<1.0	<1.0	1.17	7.20
B-11W	5/8/2008	<1.0	<1.0	52.7	<1.0	3.61	<1.0	2.49	<1.0	<0.200	1.97	2.78	2.41	<1.0	<1.0	1.06	9.63
B-15W	5/9/2008	<1.0	<1.0	53.1	<1.0	3.23	<1.0	1.68	<1.0	<0.200	1.18	1.71	2.26	<1.0	<1.0	<1.0	3.79
B-18W	5/9/2008	<1.0	<1.0	52.0	<1.0	3.11	<1.0	2.21	<1.0	<0.200	1.11	2.32	2.12	<1.0	<1.0	<1.0	3.65
<b>MCL</b>		6.0	50	1,000	4.0	5.0	50	1,000	*	2.0	*	100	50	1.0	2.0	*	5,000

µg/L = micrograms per liter.

MCL = California Maximum Contaminant Level for compound in drinking water.

\* MCL not established for this constituent.

**TABLE 8**  
**SUMMARY OF GROUNDWATER GRAB ANALYTICAL RESULTS**  
**VOLATILE ORGANIC COMPOUNDS**  
**Ukiah Skate Park, Ukiah, California**  
**EBA Project No. 08-1484**

Sample ID	Date	Units	PCE	All other VOCs
B-2-W	5/8/2008	µg/L	2.41	ND
B-7	5/8/2008	µg/L	1.54	ND
B-9W	5/8/2008	µg/L	1.76	ND
B-11W	5/8/2008	µg/L	1.80	ND
B-15W	5/8/2008	µg/L	2.66	ND
B-18W	5/8/2008	µg/L	2.67	ND
<b>MCL</b>			5.0	varies

PCE = Tetrachloroethylene

VOCs = Volatile Organic Compounds

µg/L = Micrograms per Liter.

ND = Not detected above the laboratory's reporting limit.

MCL = California Maximum Contaminant Level for compound in drinking water.

**APPENDIX H**

**WESTON SITE CHARACTERIZATION SUMMARY REPORT**

**SITE CHARACTERIZATION SUMMARY REPORT  
FORMER UKIAH RAIL YARD  
UKIAH, CA**

**Mendocino County APNs 002-232-12 and 13  
and 002-282-18 and 19**

**NCRWQCB Site ID # INMC387**

**February 2011**

Prepared by



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**WO# 14816.001.001**

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## **1.0 INTRODUCTION**

Weston Solutions, Inc. (WESTON®) prepared this Site Characterization Summary Report (Report) to summarize an environmental investigation at the Former Ukiah Rail Yard property (Property) located in Ukiah, CA. The Property is located south of East Perkins Street and west of Leslie Street and consists of approximately 11 acres (Figure 1). The Mendocino County Assessor's Parcel Numbers (APNs) for the Property are 002-232-12 and 13 and 002-282-18 and 19. This parcel is also known as the North Coast Railroad Authority (NCRA) Property.

The property has been utilized as a railroad yard since at least 1893. Early use of a main track located along the western portion of the property was for passenger and freight movement. Through the years, side tracks were constructed on the property to service other industrial operations. Additionally, locomotive service facilities and infrastructure, such as an 80-foot diameter turntable, a 2-stall roundhouse, and fueling area, were constructed on the southeastern portion of the Property (generally south of Clay Street) to accommodate rail activities. The Property is no longer an active rail yard and currently includes two single-story metal buildings with a total footprint of approximately 25,000 square feet.

### **SCREENING LEVELS**

In accordance with the Work Plan and subsequent to review from the NCRWQCB, site screening levels for soil, groundwater and soil vapor were assigned using established Public Health Goals (PHGs) and California Human Health Screening Levels (CHHSLs), which were provided by the Office of Environmental Health Hazard Assessment (OEHHA), and the document "Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater," which was provided by the San Francisco Bay RWQCB. For some analytes the laboratory practical quantitation limit (PQL) and/or method detection limit (MDL) values were greater than the Agency screening level. For these analytes the laboratory PQL was assigned as the screening level for the Property. The assigned site screening levels are presented in Tables 1 and 2.

## 2.0 SITE INVESTIGATION ACTIVITIES

Environmental site investigation activities were conducted by WESTON at the Property between 1 December and 15 December 2010. Environmental sampling was also conducted on 6 January and 7 January 2011 as part of a subsequent geotechnical investigation. The sampling activities were conducted to evaluate potential impacts to soil vapor, soil and groundwater associated with chemical releases that may have occurred during historical operations at the Property or potentially have migrated onto the Property from other properties in the vicinity.

Site investigation activities were conducted in accordance with December 2010 Work Plan and included:

- Sample location selection and utility locating
- Collection of 29 soil vapor samples
- Collection of 110 soil samples
- Collection of 23 groundwater grab samples

All samples collected were assigned a unique WESTON sample number in accordance with the designation scheme provided in the Work Plan. Each sample number consists of three components (sample location, media type, sample identity) separated by a dash. Following this convention, the sample designated "DP010-SL-0050" is for a soil sample collected from Direct Push Boring 10 (DP-10) at 5 feet bgs. The actual sample depths are provided in addition to the sample number in the attached tables. Sample locations are shown on Figure 2.

### 3.0 SITE INVESTIGATION FINDINGS

Between 1 December 2010 and 15 December 2010 WESTON conducted Site Investigation sampling at the approximately 11-acre Former Ukiah Rail Yard property (Property) in Ukiah, California. Environmental sampling was also conducted on 6 January and 7 January 2011 as part of a subsequent geotechnical investigation. The sampling activities were conducted to evaluate potential impacts to soil vapor, soil and groundwater associated with chemical releases that may have occurred during historical operations at the Property or potentially have migrated onto the Property from other properties in the vicinity. Detected soil vapor concentrations are shown on Table 3. Concentrations of soil and groundwater detected above the screening levels are provided on Tables 4 and 5, respectively.

#### Soil Vapor

During the investigation, a total of 29 soil vapor samples were collected from across the Property. Twenty-five of the 29 soil vapor samples had detectable concentration of tetrachloroethylene (PCE) that ranged from 0.10 micrograms per liter ( $\mu\text{g/L}$ ) to 1.7  $\mu\text{g/L}$ . As shown on Table 3 and Figure 3, only one sample, which was collected from boring SV-31, had a PCE concentration that exceeded the site screening level of 1.6 micrograms per liter ( $\mu\text{g/L}$ ). No additional analytes were detected above site screening levels during the soil vapor sampling portion of the investigation. Soil vapor PCE concentrations were typically higher in the southeastern portion of the Property in the vicinity of the historic turn table and historic round house.

#### Soil

During the investigation a total of 110 soil matrix samples were collected from across the Property. These samples were collected from a total of 46 locations that included 25 direct push drilling locations, four hollow-stem auger drilling locations and 17 test pit locations. Selected samples were analyzed for volatile organic compounds (VOCs); lead; arsenic; total petroleum hydrocarbons (TPH) in the gasoline, diesel, and motor oil range; polychlorinated biphenyls (PCBs); and polycyclic aromatic hydrocarbons (PAHs). The specific analytical methods used for each sample varied and were primarily selected using field observations, previous environmental data, and historical site features. Soil sample laboratory results for key chemical compounds including PCE, PAHs, TPH, and arsenic are presented on Figures 4 through 12.

None of the soil matrix samples had concentrations of VOCs (i.e., PCE), lead, TPH-gasoline, or PCBs above site screening levels.

Only a single sample had concentrations of PAHs that exceeded site screening levels (see Figure 5). This sample was collected from the near-surface soil at test pit TP-14, which was located adjacent west to a debris pile at the east-central portion of the Property. The sample had elevated

concentrations of four PAHs [i.e., benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene] that exceeded the respective site screening levels.

Nine soil samples had concentrations of TPH-diesel (middle distillates) that exceeded the site screening level of 83 mg/kg (see Figures 6 and 7). These concentrations ranged from 130 mg/kg to 5,360 mg/kg and these samples were generally collected from southeastern portion of the Property in the vicinity of the historic turn table and round house, from the east-central portion of the site in the vicinity of the historic asphalt plant, and from the southwestern portion of the site adjacent to the southern warehouse building.

Only a single soil sample had a TPH-motor oil (residual fuels) concentration (2,870 mg/kg) that exceeded the site screening level of 2,500 mg/kg (see Figures 8 and 9). This sample was collected from boring SV-7, which was located adjacent north of the southern warehouse building.

All 11 of the soil samples analyzed for arsenic had concentrations that exceeded the site screening level of 0.24 milligrams per kilogram (mg/kg) but most were similar to the typical background concentration of 4 to 8 mg/kg. The detected concentrations ranged from 3.74 mg/kg to 19.46 mg/kg. The two samples with the highest concentrations of arsenic were also analyzed for leachable arsenic. Neither of these samples had detectable concentrations of leachable arsenic. Figure 10 shows the arsenic concentrations detected at each of the samples collected by WESTON, as well as the arsenic results from soil samples collected in 1999 from previous investigations. WESTON collected soil samples at the location of some of the higher arsenic concentrations detected during the 1999 sampling event. Arsenic concentrations in the soil samples collected by WESTON were significantly lower than in the soil samples collected in 1999.

### Groundwater

During the investigation a total of 23 groundwater grab samples were collected from 13 direct push boring locations and two hollow-stem auger locations across the Property. The sample depths ranged from 6 to 29 feet below ground surface (bgs) and were selectively analyzed for VOCs; total organic carbon (TOC); CAM 17 Metals; nitrate as nitrogen; sulfate; TPH-gasoline, diesel, and motor oil range organics, and PAHs. The specific analytical methods used for each sample varied and were primarily selected using field observations, previous environmental data, and historical site features.

Eighteen of the groundwater grab samples had concentrations of PCE that exceeded the site screening level of 0.06 microgram per liter ( $\mu\text{g/L}$ ). As shown on Figures 11 and 12, PCE concentrations ranged from 0.77  $\mu\text{g/L}$  to 4.25  $\mu\text{g/L}$  and were generally higher in samples collected from the southeastern portion of the site in the vicinity of the historic turn table and

round house. No additional VOCs were detected in the samples above the laboratory detection limit.

One groundwater sample had a benzo(a)pyrene concentration (0.085 µg/L) that exceeded the site screening level of 0.007 µg/L (see Figure 13). This sample was collected from shallow (12 feet bgs) groundwater at boring DP-4, which is located at the southern portion of the Property adjacent west of the historic turn table. No additional PAHs were detected in groundwater during the investigation.

As shown on Figures 14 and 15, one groundwater sample had a TPH-diesel range (middle distillates) concentration (8.26 mg/L) and TPH-motor oil range (residual fuels) concentration (4.73 mg/L) that exceeded the site screening levels for both TPH-diesel range (0.10 mg/L) and motor oil range (0.175 mg/L). This sample was collected from the deeper groundwater (23 feet bgs) at boring DP-6, which is located at the southeastern portion of the Property in the vicinity of the historic turn table and round house. None of the samples had a detectable concentration of TPH-gasoline range.

One groundwater sample had a lead concentration (9.686 µg/L) that exceeded the site screening level of 0.200 µg/L. This sample was collected from the deeper groundwater (25 feet bgs) at boring DP-5, which is located in the vicinity of the historic turn table and round house. No additional CAM 17 Metals were detected above their respective site screening levels (if applicable) during the investigation.

One groundwater sample had a nitrate concentration [1.54 milligrams per liter (mg/L)] that exceeded the site screening level of 1.00 mg/L. This sample was collected from the shallow groundwater (14 feet bgs) at boring DP-10, which is located at the southeastern portion of the Property.

## 4.0 RECOMMENDATIONS

On 1 February 2011, WESTON met with personnel from the NCRWQCB and the City of Ukiah to present the investigation findings. Following their initial review of the site investigation findings, the NCRWQCB indicated that remedial action at the Property would likely need to address elevated petroleum hydrocarbon concentrations in the shallow soil. The NCRWQCB also stated that additional soil vapor and groundwater sampling should not be required.

WESTON recommends that a Remedial Action Plan (RAP) be prepared that outlines the remedial approach proposed at the site. The RAP would provide a thorough review of all pertinent information about the site, technical evaluations of the contamination identified, and recommendations for remedial action. Although a full evaluation is needed as part of the Remedial Action Plan process, including a risk assessment and feasibility study, WESTON anticipates that the removal of elevated petroleum hydrocarbon concentrations detected in shallow soil (i.e., less than 5 feet below ground surface) would be needed to obtain site closure from the NCRWQCB.

## **TABLES**

**Table 1 - Soil and Groundwater Screening Levels**  
 Ukiah Rail Yard Property  
 Ukiah, California

Chemical	Soil		Groundwater	Soil		Groundwater	
	Commercial/Industrial Scenario		Commercial/Industrial Scenario	PQL (mg/kg)	MDL (mg/kg)	PQL (µg/L)	MDL (µg/L)
	OEHHA CHHSLs* <sup>1</sup> (mg/kg)	SF Bay RWQCB** (mg/kg)	OEHHA PHG*** (µg/L)				
<b>Metals</b>							
Arsenic	<b>0.24</b>	1.6	<b>0.004</b>	0.25	0.011	1	0.043
Copper	<b>38,000</b>	230	<b>300</b>	0.25	0.01	1	0.035
Lead	<b>320</b>	750	<b>0.2</b>	0.25	0.006	0.2	0.031
Nickel	<b>16,000</b>	150	<b>12</b>	0.25	0.0068	1	0.039
Zinc	<b>100,000</b>	600	—	1	0.094	5	0.23
<b>Total Petroleum Hydrocarbons</b>							
Gasolines (g)	—	<b>83</b>	<b>ND (50)</b>	1	0.064	50	13
Middle Distillates (d)	—	<b>83</b>	<b>100</b>	1	0.28	50	16
Residual Fuels (m)	—	<b>2,500</b>	<b>ND (175)</b>	5	0.97	175	90
<b>PCBs</b>							
Total PCBs	<b>0.3</b>	0.74	<b>0.09</b>	0.1	0.009	0.5	0.009
<b>PAHs</b>							
Benzo(a)pyrene	<b>0.13</b>	0.13	<b>0.007</b>	0.005	0.001	0.1	0.02
Benzo(a)anthracene	—	<b>1.3</b>	<b>0.07</b>	0.005	0.001	0.1	0.02
Benzo(b)fluoranthene	—	<b>1.3</b>	<b>0.07</b>	0.005	0.001	0.1	0.02
Benzo(j)fluoranthene	—	—	<b>0.07</b>				
Benzo(k)fluoranthene	—	<b>1.3</b>	<b>0.07</b>	0.005	0.001	0.1	0.02
Chrysene	—	<b>23</b>	<b>0.7</b>	0.005	0.001	0.1	0.027
Dibenz(a,j)acridine	—	—	<b>0.07</b>	n/a	n/a	n/a	n/a
Dibenz(a,h)acridine	—	—	<b>0.07</b>	n/a	n/a	n/a	n/a
Dibenz(a,h)anthracene	—	<b>0.21</b>	<b>0.0085</b>	0.005	0.001	0.1	0.02
7H-Dibenzo(c,g)carbazole	—	—	<b>0.007</b>	n/a	n/a	n/a	n/a
Dibenzo(a,e)pyrene	—	—	<b>0.007</b>	n/a	n/a	n/a	n/a
Dibenzo(a,h)pyrene	—	—	<b>0.0007</b>	n/a	n/a	n/a	n/a
Dibenzo(a,i)pyrene	—	—	<b>0.0007</b>	n/a	n/a	n/a	n/a
Indeno(1,2,3-c,d)pyrene	—	<b>2.1</b>	<b>0.07</b>	0.005	0.001	0.1	0.02
5-Methylchrysene	—	—	<b>0.007</b>	n/a	n/a	n/a	n/a
Naphthalene	—	<b>2.8</b>	<b>21</b>	0.005	0.001	0.1	0.022
<b>VOCs</b>							
Tetrachloroethylene (PCE)	—	<b>0.7</b>	<b>0.06</b>	0.005	0.0008	0.5	0.14
Trichloroethylene (TCE)	—	<b>0.46</b>	<b>1.7</b>	0.005	0.0011	0.5	0.13
cis-1,2-Dichloroethene	—	<b>0.19</b>	<b>100</b>	0.005	0.00099	0.5	0.15
trans-1,2-Dichloroethene	—	<b>0.67</b>	<b>10<sup>4</sup></b>	0.005	0.0015	0.5	0.16
Vinyl Chloride	—	<b>0.047</b>	<b>0.05</b>	0.01	0.0015	0.5	0.15
Benzene	—	<b>0.04</b>	<b>0.15</b>	0.005	0.00097	0.5	0.14
Toluene	—	<b>2.9</b>	<b>42<sup>2</sup></b>	0.005	0.0013	0.5	0.12
Ethylbenzene	—	<b>3.3</b>	<b>3.2<sup>3</sup></b>	0.005	0.0012	0.5	0.16
Xylenes	—	<b>2.3</b>	<b>17<sup>2</sup></b>	0.005	0.0011 - 0.0014	0.5	0.14 - 0.15

\* <http://oehha.ca.gov/risk/chhstbl091709.html>

\*\* Groundwater as a Drinking Water Resource (<http://www.swrcb.ca.gov/sanfranciscobay/esl.shtml>)

\*\*\* MCLs, DLRs, and PHGs for Regulated Drinking Water Contaminants (updated September 16, 2010) or *Beneficial Use-Protective Water Quality Limits for Components of Petroleum-Based Fuels* (Central Valley Region RWQCB, 1 April 2004).

<sup>1</sup> The screening numbers for arsenic are for contamination resulting from human activity. Concentrations of naturally occurring arsenic may be far above the screening number. When levels of arsenic at a site are a concern, the agency with authority over remediation decisions should be consulted.

<sup>2</sup> Screening level is based on taste and odor.

<sup>3</sup> Value based on revised OEHHA cancer potency factor.

<sup>4</sup> Value based on California MCL.

Values in **Bold** are the proposed screening levels.

— No Value



**Table 2 - Soil-Gas Screening Levels for Volatile Chemicals below Buildings**

**Ukiah Rail Yard Property  
Ukiah, California**

Chemical	Commercial/Industrial Scenario Soil-Gas-Screening Number (µg per liter of soil gas)		
	Buildings Constructed with Engineered Fill below Sub-slab Gravel	Buildings Constructed <u>without</u> Engineered Fill below Sub-slab Gravel	Basis <sup>1</sup>
Benzene	2.8 E-01	1.2 E-01	(ca)
Carbon Tetrachloride	2.1 E-01	8.5 E-02	(ca)
1,2-Dichloroethane	3.6 E-01	1.7 E-01	(ca)
<i>cis</i> - 1,2-Dichloroethylene	1.2 E+02	4.4 E+01	(nc)
<i>trans</i> -1,2-Dichloroethylene	2.4 E+02	8.9 E+01	(nc)
Ethylbenzene	3.6 E+00 <sup>4</sup>	1.4 E+00 <sup>4</sup>	(ca)
Mercury (elemental)	5.6 E-01	1.3 E-01	(nc)
Methyl <i>tert</i> - Butyl Ether	2.9 E+01	1.3 E+01	(ca)
Naphthalene	3.1 E-01	1.1 E-01	(ca)
Tetrachloroethylene	1.6 E+00	6.0 E-01	(ca)
Tetraethyl Lead	4.5 E-03	5.8 E-04	(nc)
Toluene	8.9 E+02	3.8 E+02	(nc)
1,1,1-Trichloroethane	7.0 E+03	2.8 E+03	(nc)
Trichloroethylene	4.4 E+00	1.8 E+00	(ca)
Vinyl Chloride	9.5 E-02	4.5 E-02	(ca)
<i>m</i> -Xylene	2.4 E+03	8.9 E+02	(nc)
<i>o</i> -Xylene	2.1 E+03 <sup>3</sup>	8.8 E+02 <sup>3</sup>	(nc)
<i>p</i> -Xylene	2.2 E+03	8.9 E+02	(nc)

Screening levels listed above are from the California Human Health Screening Levels (CHHSLs) published by OEHHA (<http://www.oehha.ca.gov/risk/chhsltable.html>)

<sup>1</sup> (ca) denotes that the screening number is based on a carcinogenic potency factor, (nc) denotes that the screening number is based on a reference level in Table 3 for chronic toxic effects other than cancer, (max) denotes the screening number is based on the maximum concentration allowed, 100,000 mg/kg, and not toxicity.

<sup>2</sup> (ca) denotes that the screening number is based on a carcinogenic potency factor, (nc) denotes that the screening number is based on a reference level in Table 3 for chronic toxic effects other than cancer.

<sup>3</sup> Recommended soil-gas-screening number for xylenes. The representative value for xylenes is based on the calculated lowest health-protective one amongst the three isomers.

<sup>4</sup> Added in 2010

**Table 3 - Detected Soil Vapor Concentrations**

Ukiah Rail Yard Property Ukiah, California

Samples collected December 2010

Chemical	Sample Location	Depth (ft bgs)	Concentrations (ug/L)	Screening Level (ug/L)
Tetrachloroethylene (PCE)	SV-1	8	0.83	1.6
	SV-4	10	0.58	1.6
	SV-6	8	0.55	1.6
	SV-9	9.5	0.10	1.6
	SV-12	10	0.33	1.6
	SV-13	8.5	0.39	1.6
	SV-13	8.5 (duplicate)	0.39	1.6
	SV-14	5.5	0.67	1.6
	SV-15	10.5	0.10	1.6
	SV-16	10 (3 pore volumes)	0.11	1.6
	SV-16	10 (7 pore volumes)	0.14	1.6
	SV-17	7.5	0.62	1.6
	SV-18	8	0.31	1.6
	SV-19	8	0.60	1.6
	SV-20	10	0.13	1.6
	SV-22	8	0.17	1.6
	SV-24	8	0.54	1.6
	SV-24	8 (duplicate)	0.27	1.6
	SV-25	10	1.3	1.6
	SV-26	10	0.83	1.6
	SV-27	10	1.0	1.6
	SV-29	7.5	0.42	1.6
	SV-30	8	0.83	1.6
SV-31	9.5	<b>1.7</b>	1.6	
SV-32	10	0.51	1.6	
SV-33	10	0.27	1.6	
SV-34	9	1.3	1.6	
SV-35	10	1.6	1.6	
Toluene	SV-11	16	0.13	890

Notes:

Depth is given in feet below ground surface (ft bgs)

**Bold** indicates concentrations exceed screening level

**Table 4 - Soil Concentrations Greater than Screening Levels**

**Ukiah Rail Yard Property Ukiah, California**

Samples collected December 2010 and January 2011

Chemical	Sample Location	Depth (ft bgs)	Concentrations	Screening Level
<b>Metals (mg/kg)</b>				
Arsenic	DP009	0.5	19.46	0.24
	DP009	2.0	5.02	0.24
	DP009	5.0	12.20	0.24
	SV003	0.5	4.85	0.24
	SV003	2.0	4.32	0.24
	SV023	0.5	4.88	0.24
	SV023	2.0	4.22	0.24
	SV027	2.0	3.74	0.24
	SV027	0.5	8.72	0.24
	SV028	0.5	4.32	0.24
	SV028	2.0	4.12	0.24
<b>PAHs (µg/kg)</b>				
Benzo(a)pyrene	TP014	0.5	953	130
Benzo(a)anthracene	TP014	0.5	1,320	1,300
Benzo(b)fluoranthene	TP014	0.5	1,480	1,300
Dibenzo(a,h)anthracene	TP014	0.5	342	210
<b>Total Petroleum Hydrocarbons (mg/kg)</b>				
Middle Distillates (TPH-D)	DP005	15.0	5,360	83
	DP005	20.0	587	83
	DP006	20.0	1,120	83
	DP006	0.5	302	83
	DP010	5.0	188	83
	TP014	0.5	130	83
	TP016	0.5	272	83
	TP017	0.5	2,010	83
	SV007	0.5	791	83
Residual Fuels (TPH-M)	SV007	0.5	2,870	2,500

Notes:

Depth is given in feet below ground surface (ft bgs)

**Table 5 - Groundwater Concentrations Greater than Screening Levels**

**Ukiah Rail Yard Property Ukiah, California**

Samples collected December 2010 and January 2011

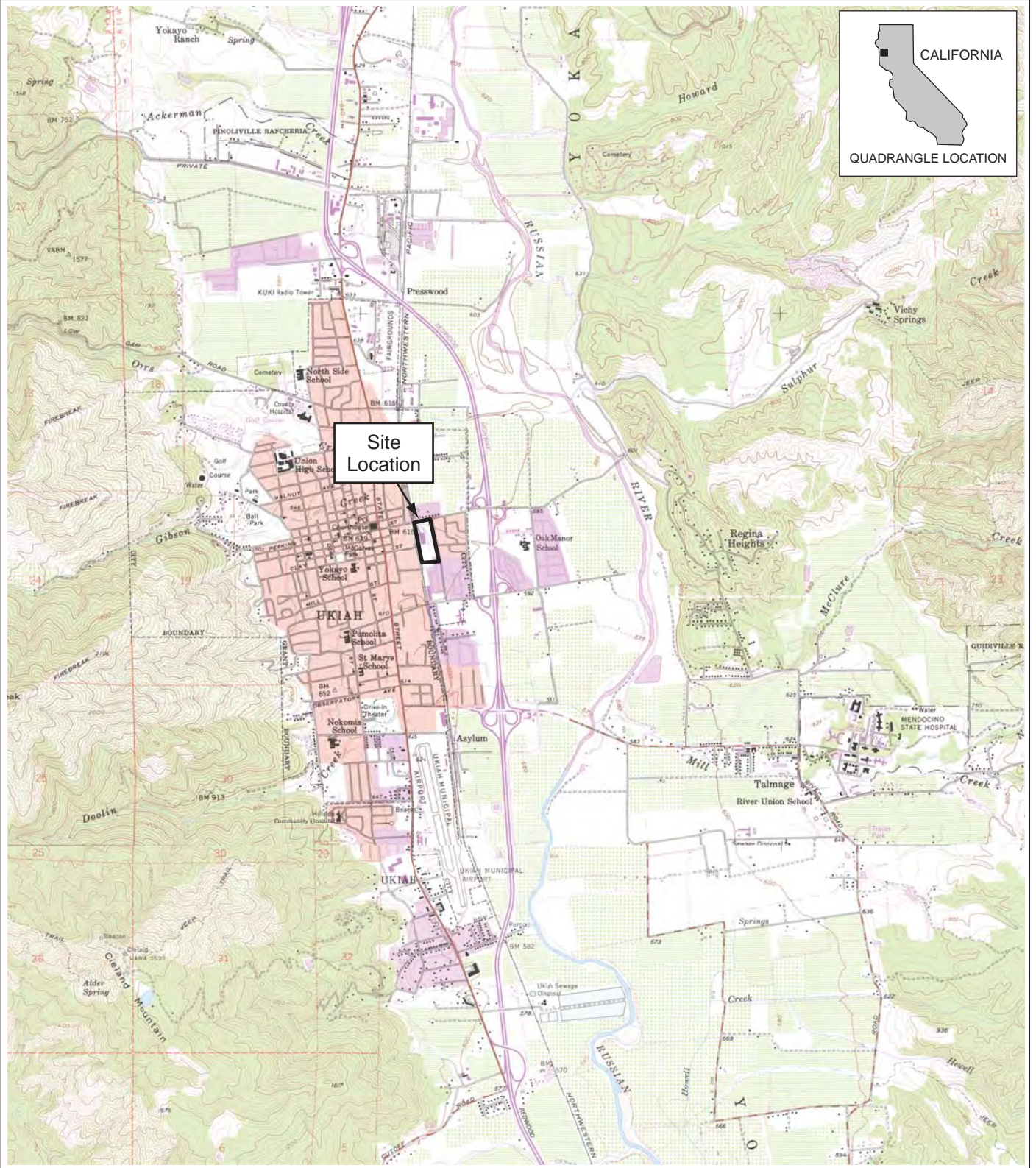
Chemical	Sample Location	Depth (ft bgs)	Concentrations	Screening Level
<b>Metals (µg/L)</b>				
Lead	DP005	25	9.69	0.2
<b>PAHs (µg/L)</b>				
Benzo(a)pyrene	DP004	12	0.09	0.007
<b>Total Petroleum Hydrocarbons (mg/L)</b>				
Middle Distillates	DP006	23	8.26	0.10
Residual Fuels	DP006	23	4.73	0.10
<b>VOCs (µg/L)</b>				
PCE (Tetrachloroethene)	BG002	8	2.70	0.06
	BG002	22	0.77	0.06
	BG003	6	1.11	0.06
	DP001	13	2.23	0.06
	DP004	12	1.65	0.06
	DP005	12	2.73	0.06
	DP006	14	3.42	0.06
	DP006	23	1.06	0.06
	DP007	9	1.14	0.06
	DP008	12	1.33	0.06
	DP009	10	2.35	0.06
	DP010	14	4.01	0.06
	DP010	23	4.25	0.06
	DP011	11	2.90	0.06
	DP011	21	2.78	0.06
	DP012	12	1.70	0.06
	DP013	11	1.46	0.06
	DP013	21	1.75	0.06
Nitrate as Nitrogen (mg/L)	DP010	14	1.54	1.00

Notes:

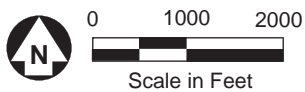
Depth is given in feet below ground surface (ft bgs)

The Screening Level for PCE is the California PHG. The California MCL is 5.0 µg/L

## **FIGURES**



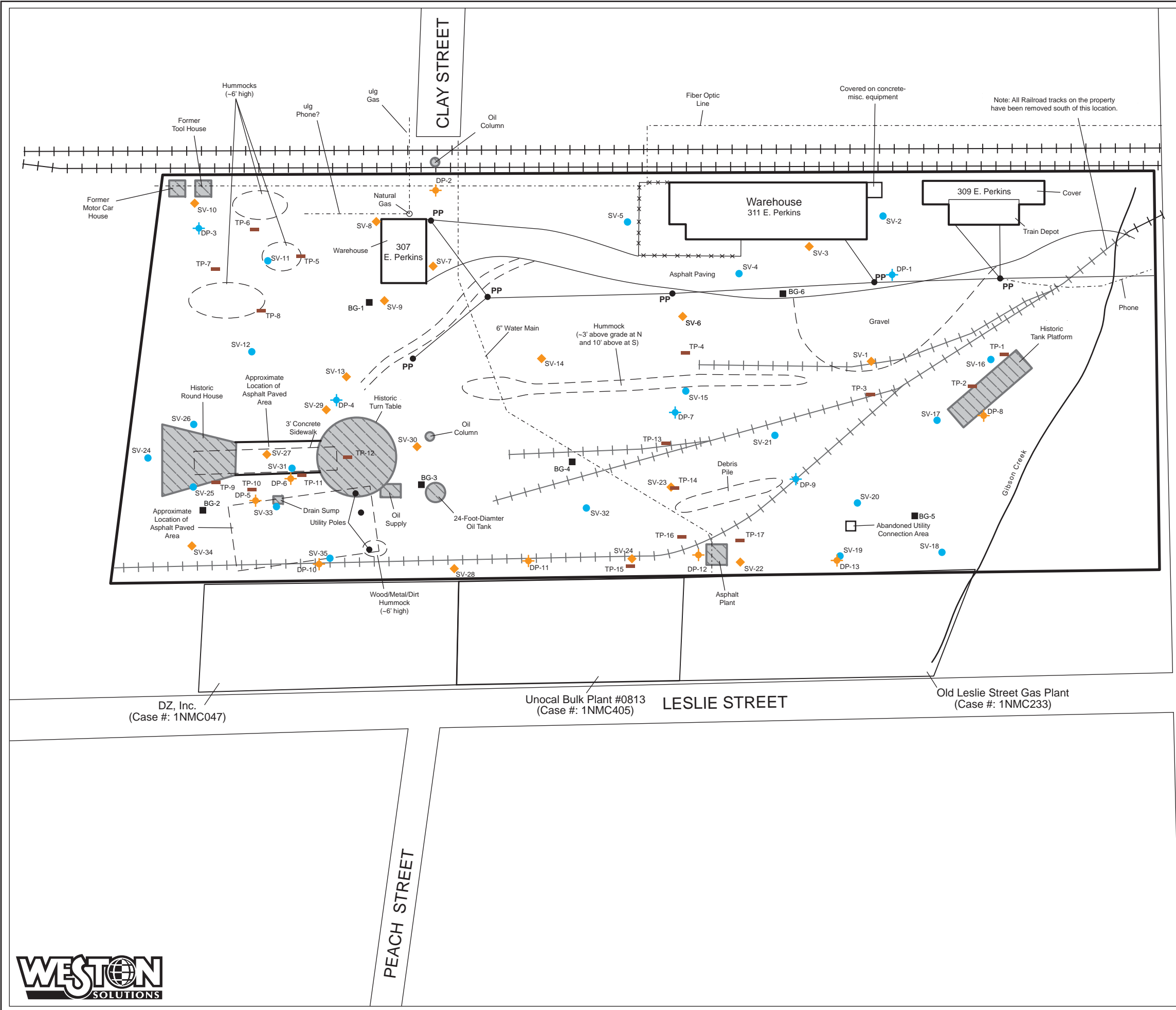
Source: USGS 7.5' series topo, Ukiah & Elledge Peak-CA, 1958, 1975.



Site Vicinity Map  
Former Ukiah Rail Yard  
Ukiah, CA

Figure  
**1**





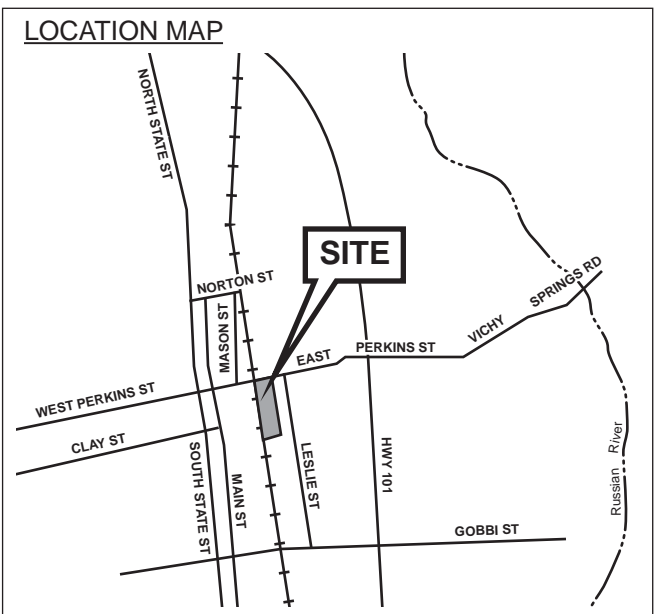
**LEGEND**

- Site Boundary (NCRWQCB Site ID # 1NMC397)
- Indicates historical feature for which no surface features were observed
- Overhead Power and Pole
- Historic or existing rail track
- Underground utility

**December 2010/January 2011 Sample Locations**

- DP-1 Direct Push Location to First Water
- DP-10 Direct Push Location to 30 ft. bgs
- SV-1 Soil Vapor Sample Location
- SV-3 Soil Vapor and Soil Sample Location
- TP-1 Test Pit Location
- BG-1 Geotech Boring Location

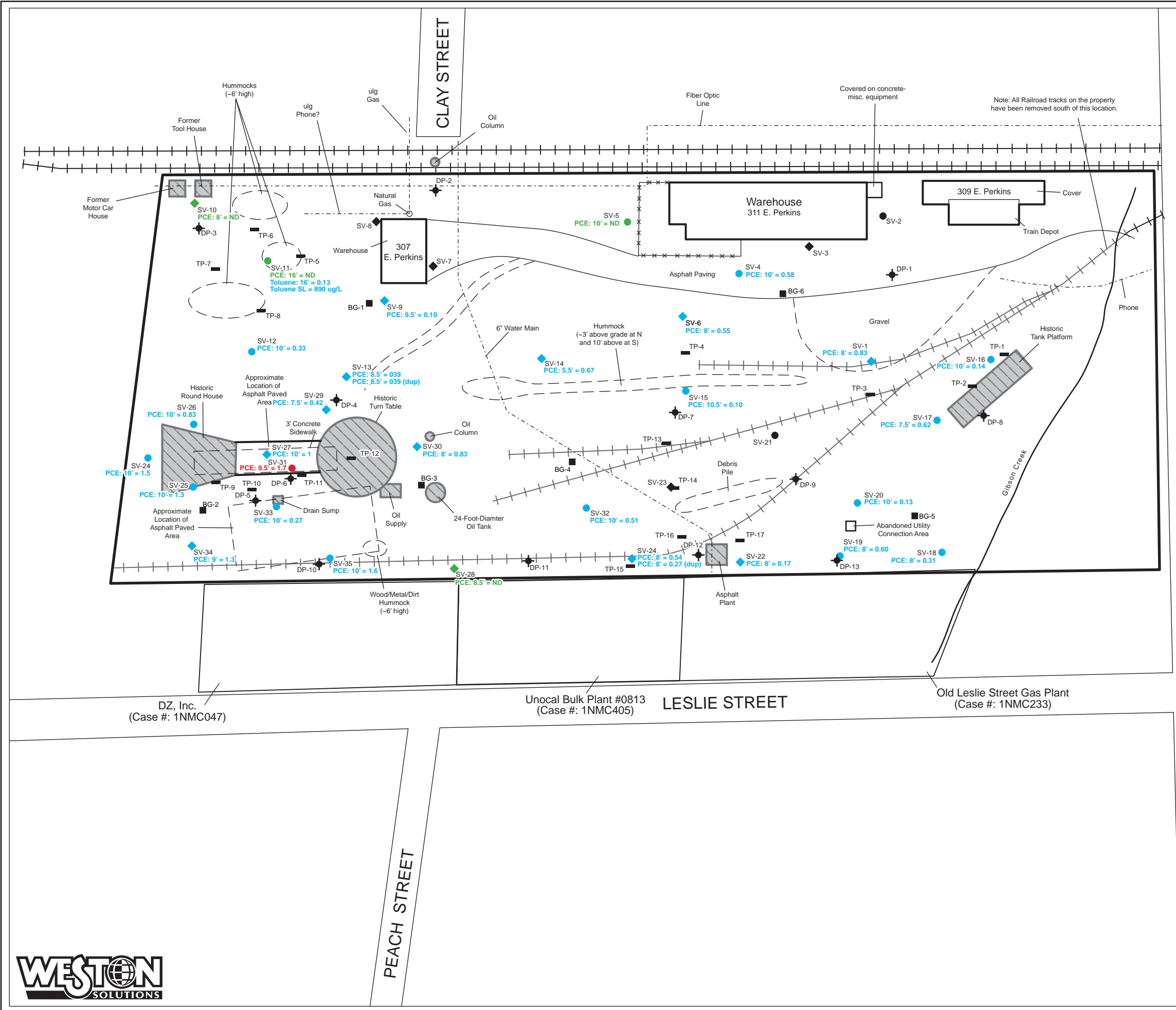
0 50 100  
Scale in Feet



**Sample Locations  
Former Ukiah Rail Yard  
Ukiah, CA**

Figure  
**2**





**LEGEND**

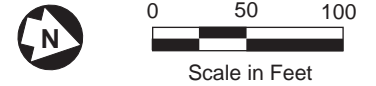
- Site Boundary (NCRWQCB Site ID # 1NMC397)
- Indicates historical feature for which no surface features were observed
- Historic or existing rail track
- Underground utility

**December 2010/January 2011 Sample Locations**

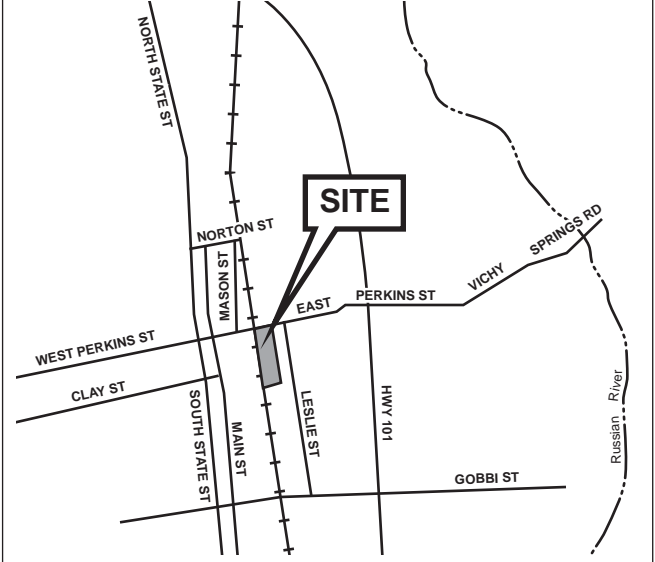
- Direct Push Location
- Soil Vapor Sample Location
- Soil Vapor and Soil Sample Location
- Test Pit Location
- Geotech Boring Location

**Soil Vapor Results**

- PCE > 1.6 µg/L
- PCE ≤ 1.6 µg/L
- PCE = ND



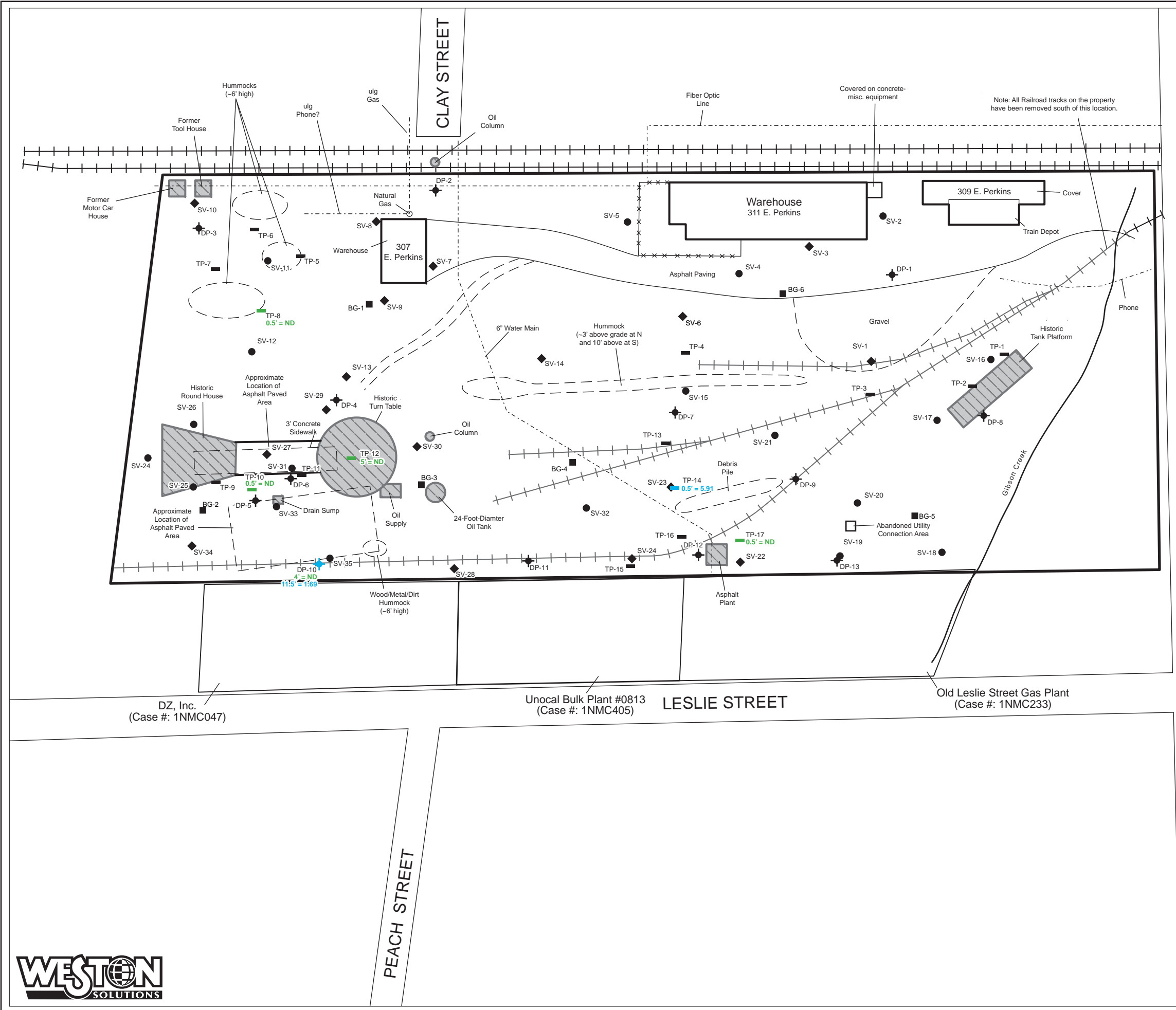
**LOCATION MAP**



**Soil Vapor Results  
Former Ukiah Rail Yard  
Ukiah, CA**







**LEGEND**

- Site Boundary (NCRWQCB Site ID # 1NMC397)
- Indicates historical feature for which no surface features were observed
- Historic or existing rail track
- Underground utility

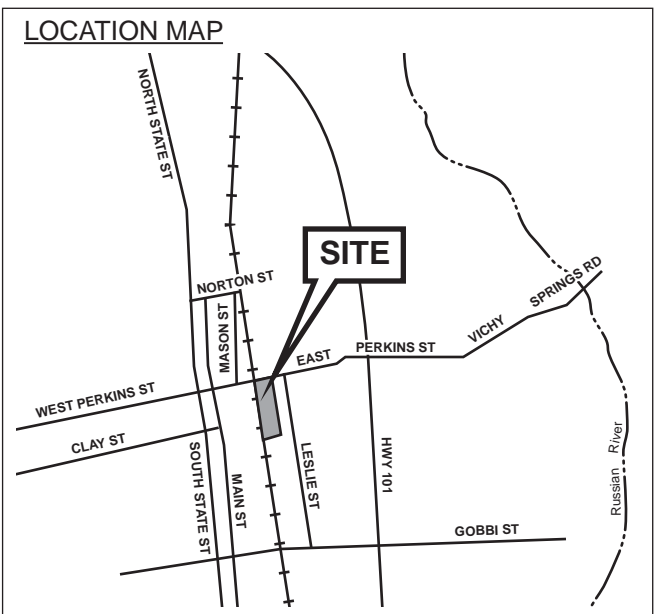
**December 2010/January 2011 Sample Locations**

- DP-1 Direct Push Location
- SV-1 Soil Vapor Sample Location
- SV-3 Soil Vapor and Soil Sample Location
- TP-1 Test Pit Location
- BG-1 Geotech Boring Location

**Tetrachloroethylene (PCE) in Soil**

- PCE > 700 µg/kg
- PCE ≤ 700 µg/kg
- PCE = ND

Scale in Feet: 0, 50, 100

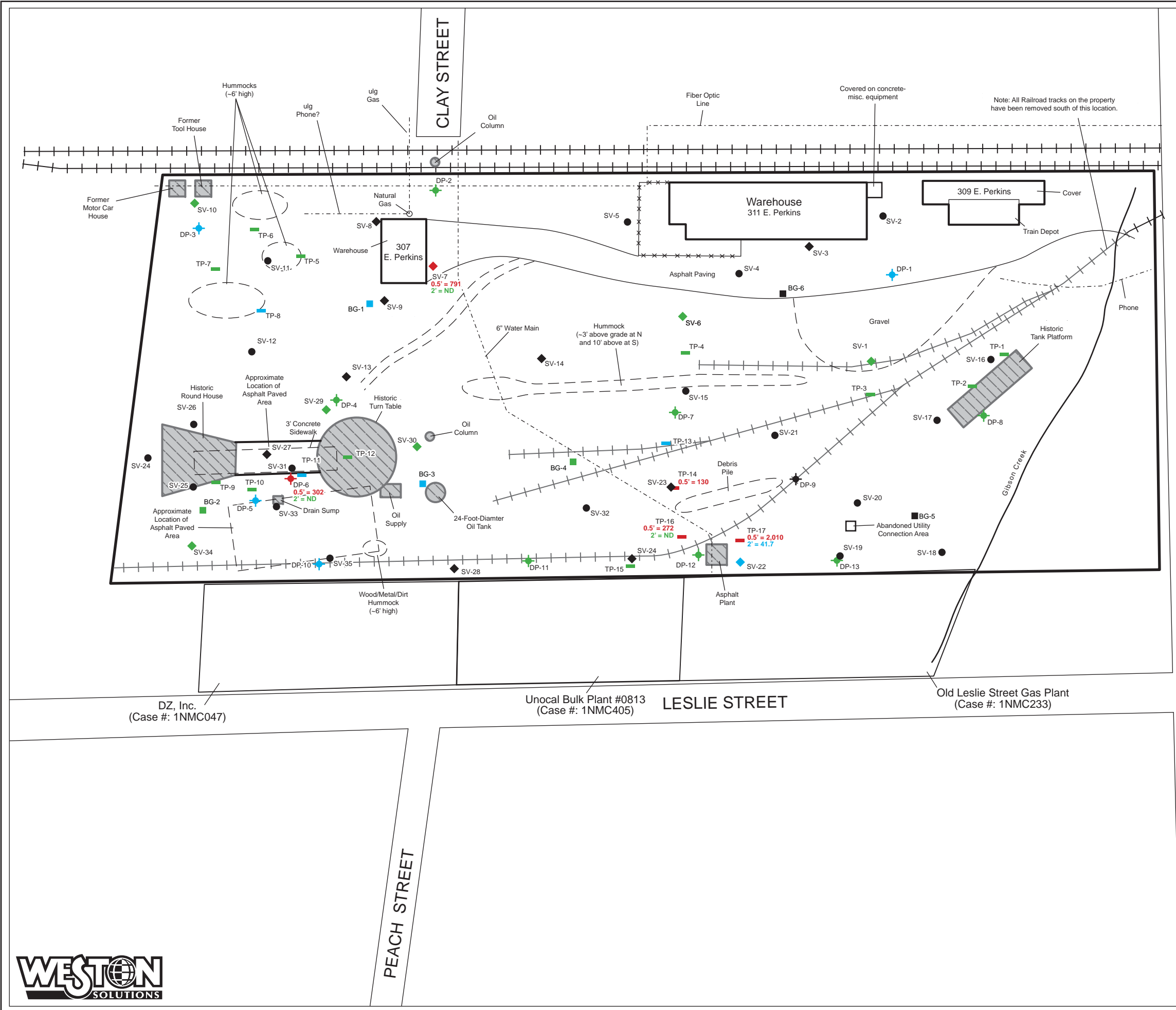


**Tetrachloroethylene (PCE) in Soil**  
 Former Ukiah Rail Yard  
 Ukiah, CA

Figure **4**







**LEGEND**

- Site Boundary (NCRWQCB Site ID # 1NMC397)
- Indicates historical feature for which no surface features were observed
- Historic or existing rail track
- Underground utility

**December 2010/January 2011 Sample Locations**

- DP-1 Direct Push Location
- SV-1 Soil Vapor Sample Location
- SV-3 Soil Vapor and Soil Sample Location
- TP-1 Test Pit Location
- BG-1 Geotech Boring Location

**TPH in Soil < 3 ft bgs**

- > 83 mg/kg
- ≤ 83 mg/kg
- ND

Scale in Feet: 0, 50, 100



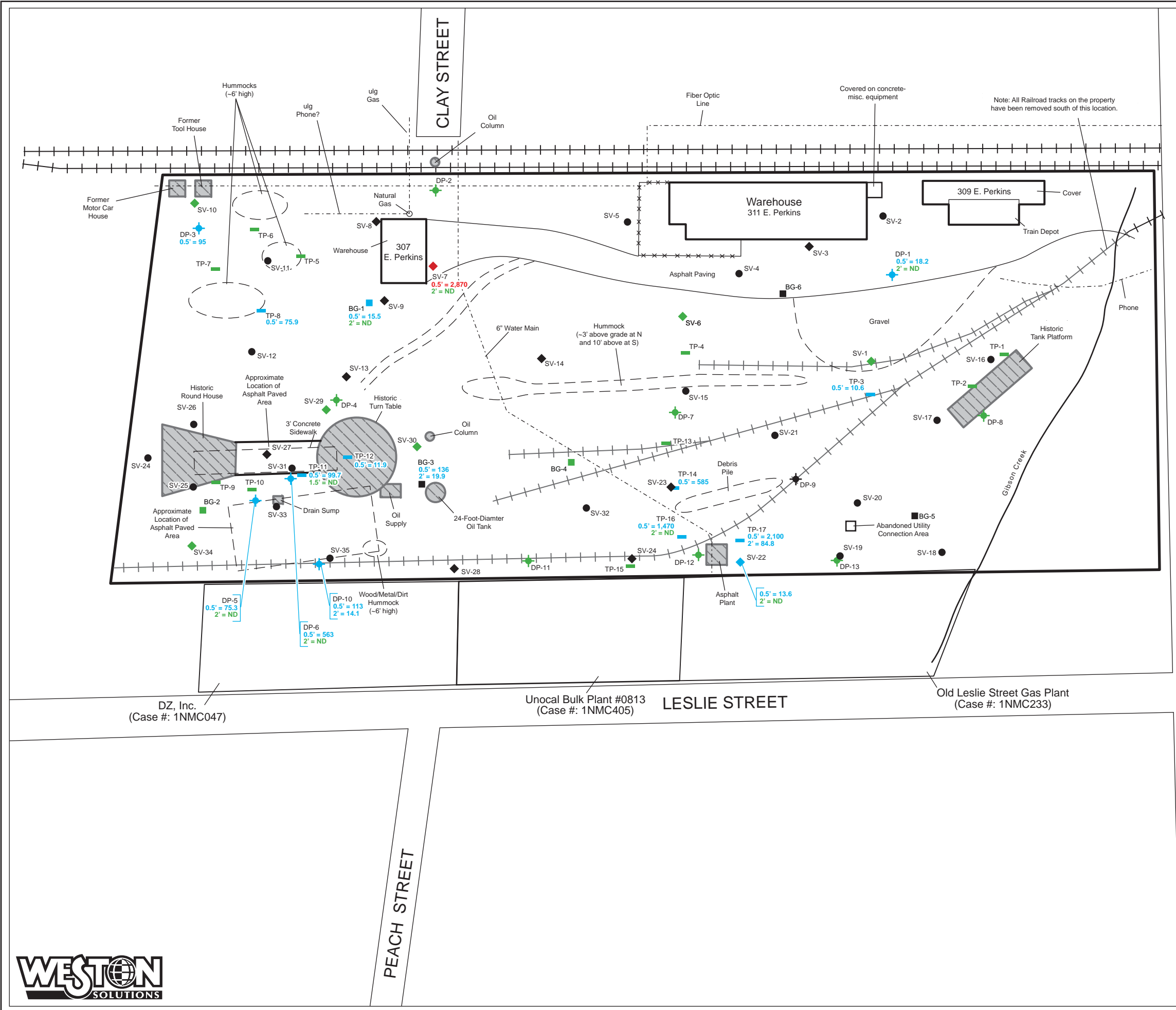
TPH-Middle Distillates in Soil < 3 Feet bgs  
Former Ukiah Rail Yard  
Ukiah, CA

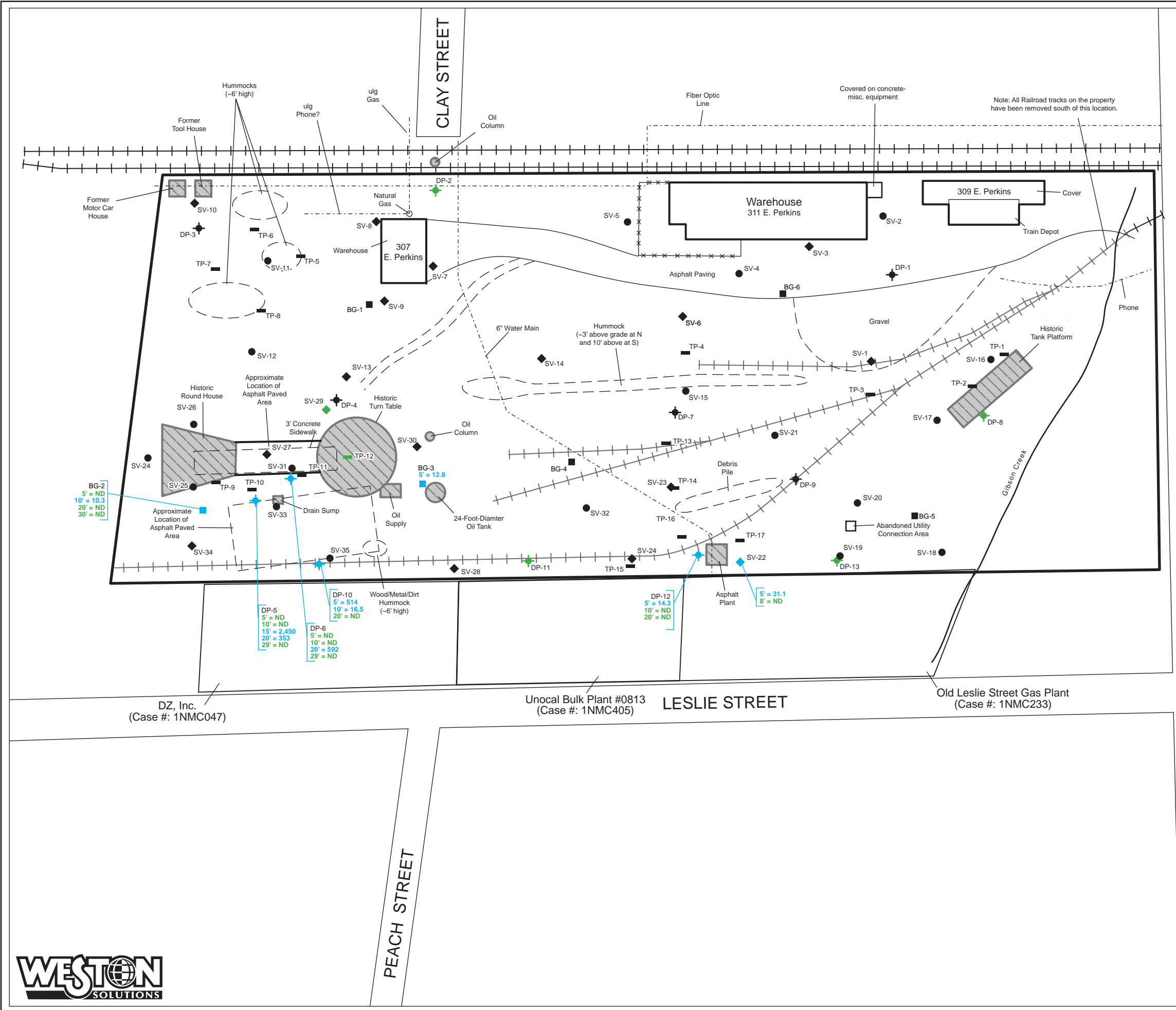
Figure **6**











**LEGEND**

- Site Boundary (NCRWQCB Site ID # 1NMC397)
- Indicates historical feature for which no surface features were observed
- Historic or existing rail track
- Underground utility

**December 2010/January 2011 Sample Locations**

- DP-1 Direct Push Location
- SV-1 Soil Vapor Sample Location
- SV-3 Soil Vapor and Soil Sample Location
- TP-1 Test Pit Location
- BG-1 Geotech Boring Location

**TPH in Soil > 3 ft bgs**

- > 2,500 mg/kg
- ≤ 2,500 mg/kg
- ND

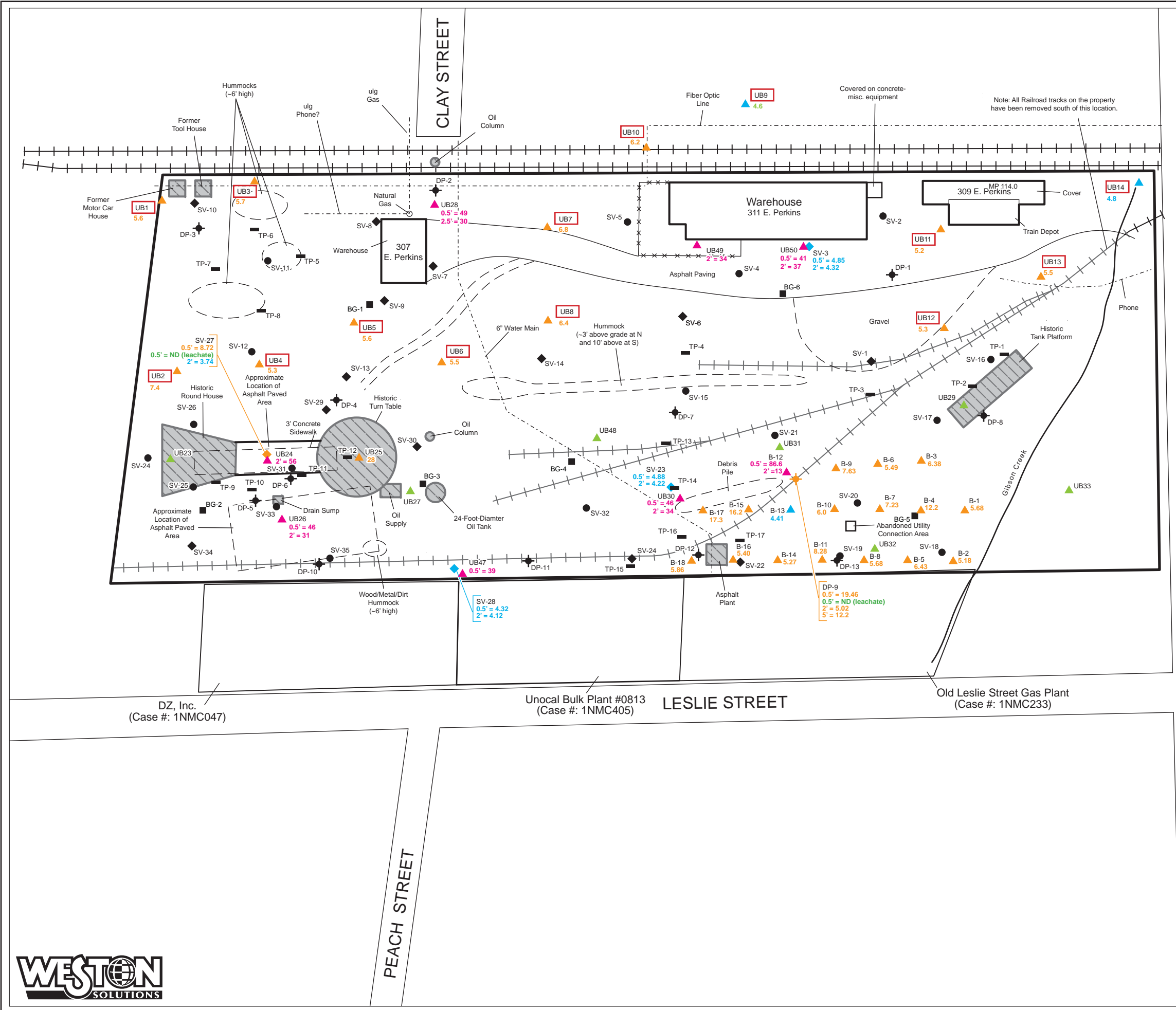
Scale in Feet: 0, 50, 100



TPH-Residual Fuels in Soil > 3 Feet bgs  
Former Ukiah Rail Yard  
Ukiah, CA

Figure **9**





**LEGEND**

- Site Boundary (NCRWQCB Site ID # 1NMC397)
- ▨ Indicates historical feature for which no surface features were observed
- +—+— Historic or existing rail track
- - - - - Underground utility

**December 2010/January 2011 Sample Locations**

- ◆ DP-1 Direct Push Location
- SV-1 Soil Vapor Sample Location
- ◆ SV-3 Soil Vapor and Soil Sample Location
- TP-1 Test Pit Location
- BG-1 Geotech Boring Location
- ▲ UB14 Historic Soil Boring Location (1999)

**Concentrations of Arsenic:**

- ≥ 30 mg/kg
- 5 - 30 mg/kg
- ≤ 5 mg/kg
- ND

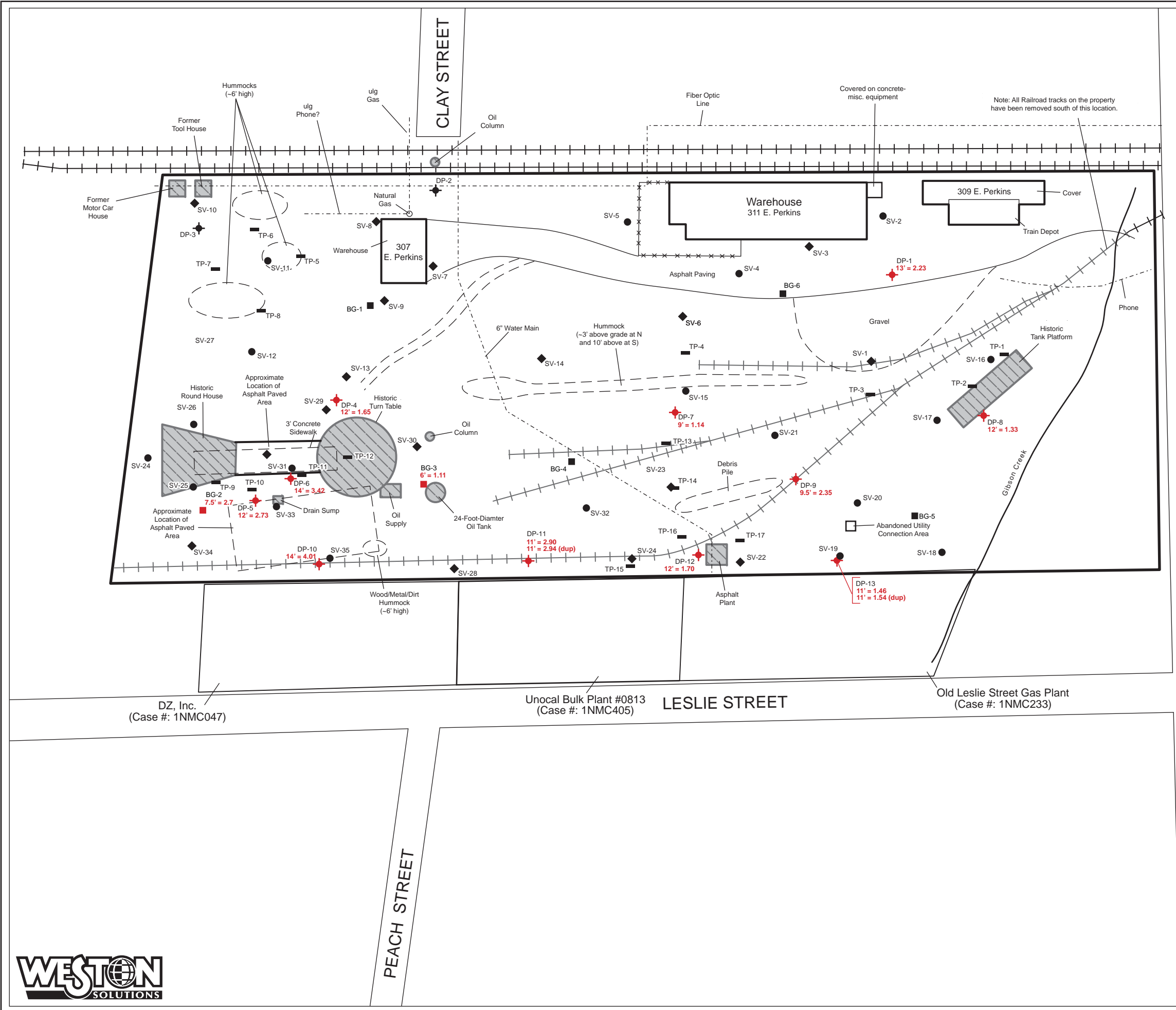
41 Sample Concentration (mg/kg)  
 UB1 Composite Sample Location (1995)

Scale in Feet: 0 50 100



Arsenic in Soil  
 Former Ukiah Rail Yard  
 Ukiah, CA





**LEGEND**

- Site Boundary (NCRWQCB Site ID # 1NMC397)
- Indicates historical feature for which no surface features were observed
- Historic or existing rail track
- Underground utility

**December 2010/January 2011 Sample Locations**

- DP-1 Direct Push Location
- SV-1 Soil Vapor Sample Location
- SV-3 Soil Vapor and Soil Sample Location
- TP-1 Test Pit Location
- BG-1 Geotech Boring Location

**Tetrachloroethylene (PCE) in Groundwater**

- > 0.06 µg/L
- ≤ 0.06 µg/L
- ND

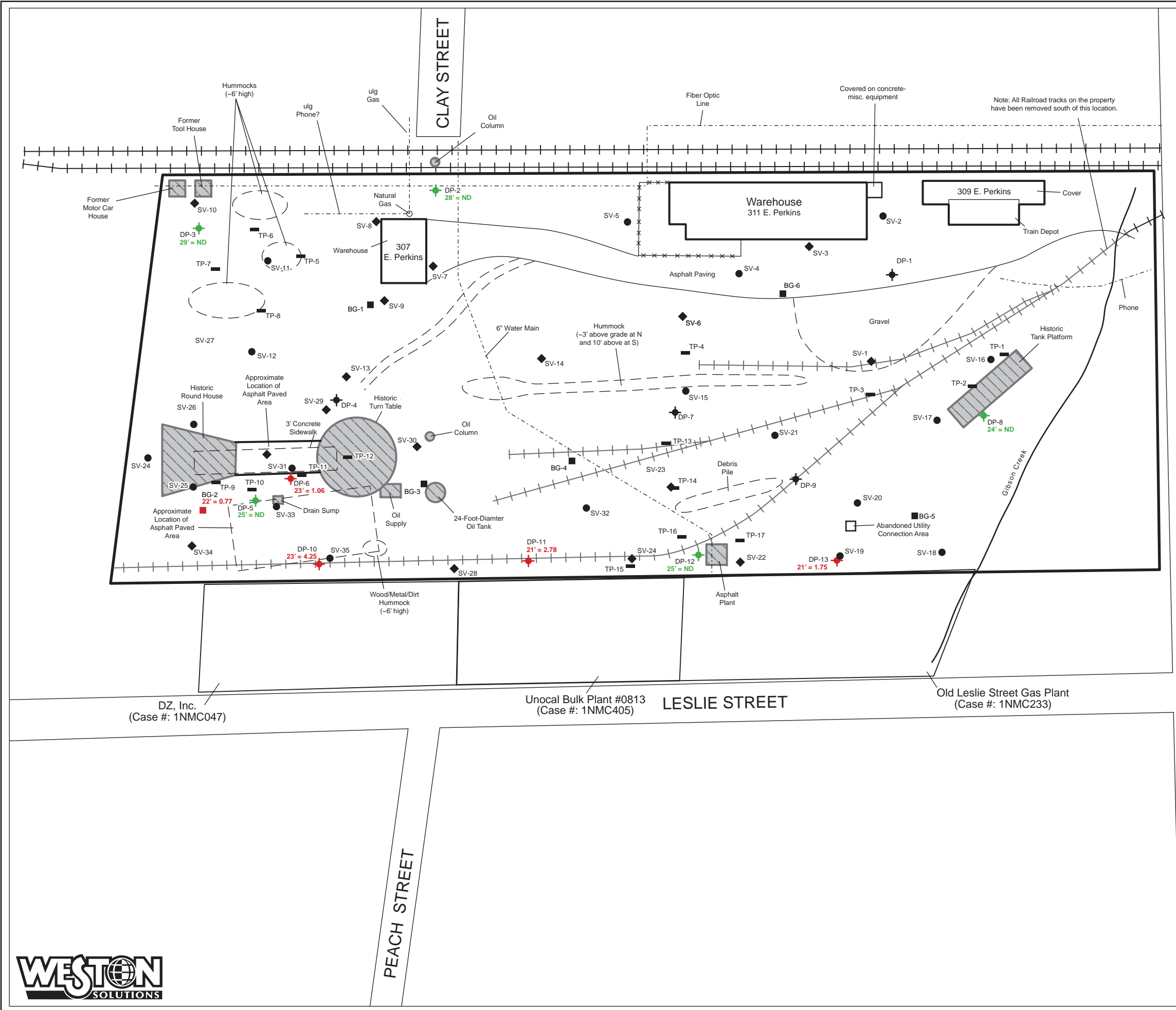
Scale in Feet: 0, 50, 100



Tetrachloroethylene (PCE) in Groundwater  
(9-14 ft. bgs)  
Former Ukiah Rail Yard  
Ukiah, CA  
Figure  
**11**







**LEGEND**

- Site Boundary (NCRWQCB Site ID # 1NMC397)
- Indicates historical feature for which no surface features were observed
- Historic or existing rail track
- Underground utility

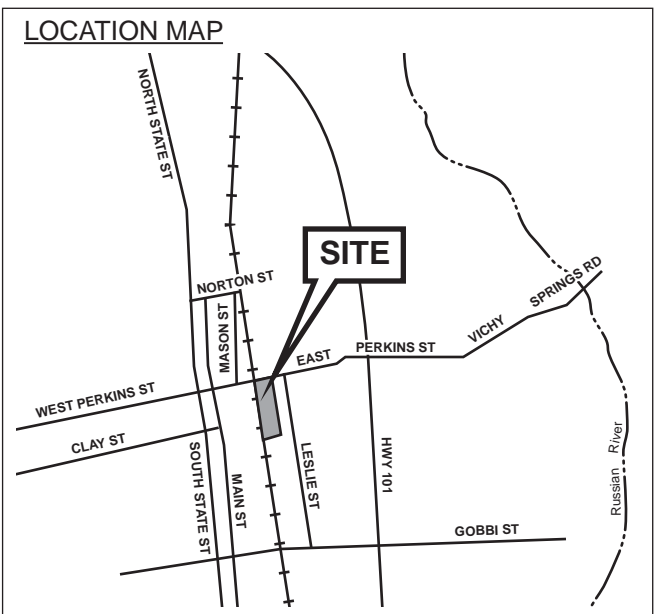
**December 2010/January 2011 Sample Locations**

- DP-1 Direct Push Location
- SV-1 Soil Vapor Sample Location
- SV-3 Soil Vapor and Soil Sample Location
- TP-1 Test Pit Location
- BG-1 Geotech Boring Location

**Tetrachloroethylene (PCE) in Groundwater**

- > 0.06 µg/L
- ≤ 0.06 µg/L
- ND

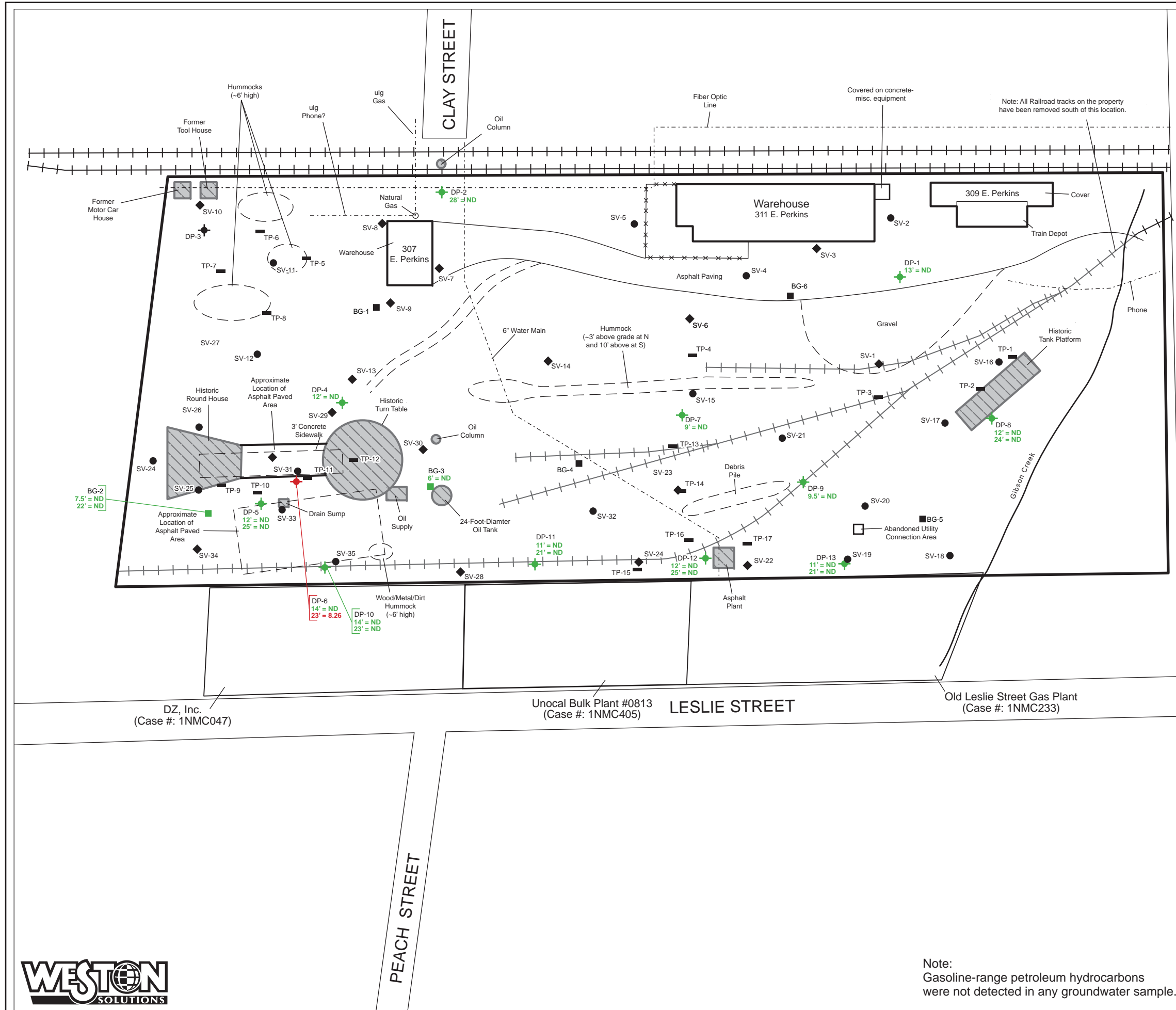
Scale in Feet



Tetrachloroethylene (PCE) in Groundwater  
(21-29 ft. bgs)  
Former Ukiah Rail Yard  
Ukiah, CA  
Figure  
**12**







**LEGEND**

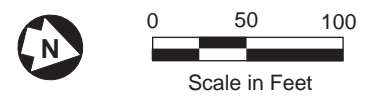
- Site Boundary (NCRWQCB Site ID # 1NMC397)
- Indicates historical feature for which no surface features were observed
- Historic or existing rail track
- Underground utility

**December 2010/January 2011 Sample Locations**

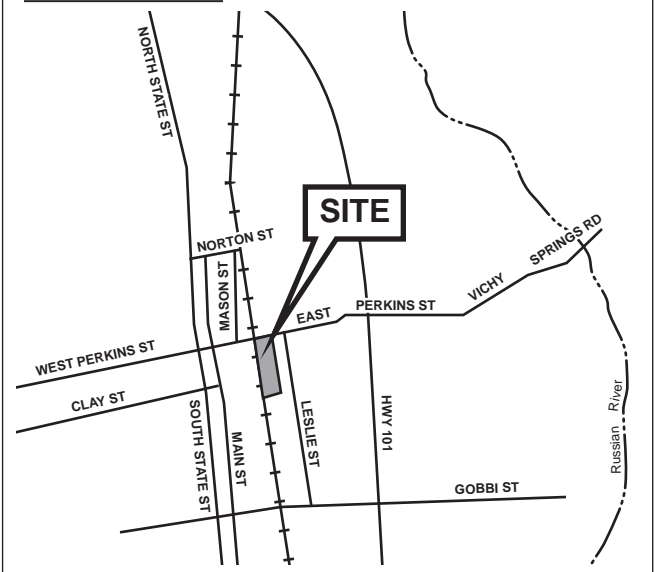
- DP-1 Direct Push Location
- SV-1 Soil Vapor Sample Location
- SV-3 Soil Vapor and Soil Sample Location
- TP-1 Test Pit Location
- BG-1 Geotech Boring Location

**TPH in Groundwater**

- > 0.10 mg/L
- ≤ 0.10 mg/L
- ND for TPH-Gas and TPH-middle



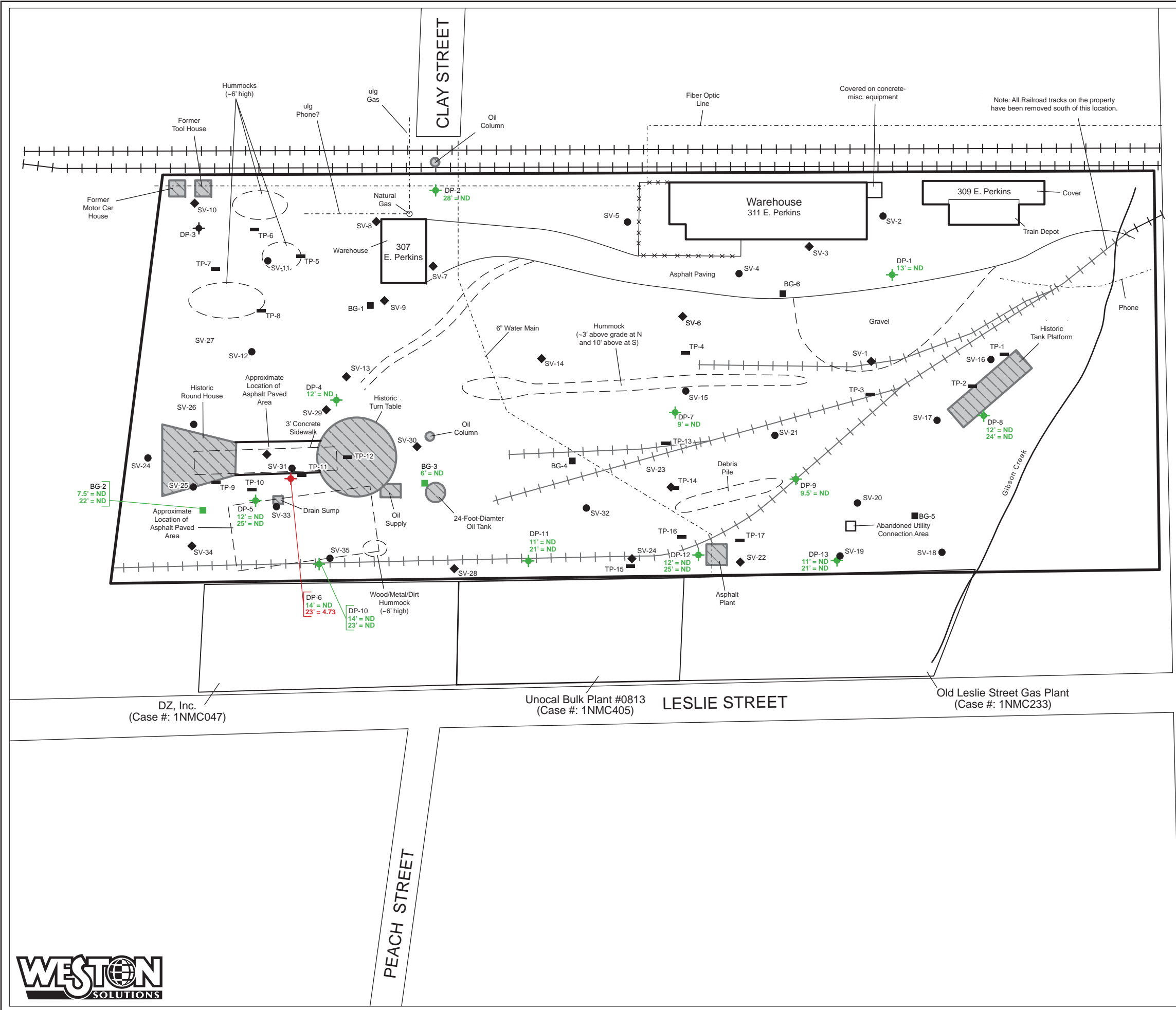
**LOCATION MAP**



**TPH Middle Distillates in Groundwater  
Former Ukiah Rail Yard  
Ukiah, CA**

Note:  
Gasoline-range petroleum hydrocarbons  
were not detected in any groundwater sample.





**LEGEND**

- Site Boundary (NCRWQCB Site ID # 1NMC397)
- Indicates historical feature for which no surface features were observed
- Historic or existing rail track
- Underground utility

**December 2010/January 2011 Sample Locations**

- DP-1 Direct Push Location
- SV-1 Soil Vapor Sample Location
- SV-3 Soil Vapor and Soil Sample Location
- TP-1 Test Pit Location
- BG-1 Geotech Boring Location

**Residual Fuels in Groundwater**

- > 0.175 mg/L
- ≤ 0.175 mg/L
- ND

Scale in Feet: 0, 50, 100



**TPH Residual Fuels in Groundwater  
Former Ukiah Rail Yard  
Ukiah, CA**

Figure  
**15**



**APPENDIX I**  
**QUALIFICATIONS OF ASSESSMENT TEAM**

## GREG L. STUESSE, L.G., P.E.

### Qualifications Summary

- Over 24 years of professional experience as an engineer and geologist.
- Stormwater pollution and spill prevention planning, BMP development, and design and implementation.
- Soil and groundwater remediation, system design, remedial design (RD), remedial investigation (RI), feasibility studies (FSs), environmental monitoring, regulatory compliance, underground storage tanks (USTs), and project management.
- Management of site assessments, including Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Preliminary Assessments (PA), Site Inspections (SIs), Expanded Site Inspections (ESIs), Brownfields Assessments (BAs), and Formerly Used Defense Site (FUDS) assessments.
- Management of remedial programs, including subcontractors, equipment, and materials.
- Strong technical background and communication skills, and experience working on multidisciplinary teams.
- Business development experience, including Statement of Qualifications (SOQs) and proposal preparation, client relations, and marketing presentations.

### Registration

Professional Engineer in the States of Washington (#27522; 1991), Oregon (#1583PE; 1992), Idaho (#6856; 1992), and Alaska (#9912; 1999)

Licensed Professional Geologist in the State of Washington (#944; 2002)

### Fields of Competence

Remedial design and implementation; hazardous waste management; site characterization; Phase I and II site assessments; spill prevention; stormwater management; regulatory compliance; and project management.

### Education

B.S., Geological Engineering—University of Missouri (1984)

### Credentials

Licensed UST Cleanup Supervisor, Oregon (1990)

40-Hour Hazardous Waste Site Training Course, OSHA 29 CFR 1910.120(e)(3), Gregg & Assoc. (1986)

8-Hour Hazardous Waste Refresher Course, OSHA 29 CFR 1910.120(e)(8), WESTON (2005)

8-Hour Hazardous Waste Site Supervisor Training, OSHA 29 CFR 1910.120, WESTON (2007)

Confined Space Entry Rescue Training, OSHA 29 CFR 1910.146, Coastal Tank, Inc. (1995)

Hazardous Spill Prevention and Emergency Response Training, Hazmat Expo Short Course (1992)

Stormwater Treatment by Media Filtration Short Course, University of Washington (2001)

### Employment History

1997-Present WESTON

1996-1997 Boateng & Associates, Inc.

## Employment History (Continued)

1986-1996 Environmental Science & Engineering, Inc. (ESE)  
1984-1986 Carmel Energy, Inc.  
1984 Triple I Energy Corporation

## Key Projects

### **Environmental Support, Washington and Oregon, Confidential Client, Project Manager.**

Managed multiple projects for wood products manufacturer with facilities in WA, OR and ID. Task associated with due diligence included Phase I and II environmental site assessments. Tasks associated with regulatory compliance included the preparation of several SWPPPs, a National Pollutant Discharge Elimination System (NPDES) permit application, several SPCC plans, and a solid waste permit application for the on-site storage of log yard debris.

### **Site Assessments, Various Locations, EPA Superfund Technical Assessment and Response Team (START 2), Region 10, Site Assessment Coordinator.**

Lead project manager for WESTON's site assessment team under the START-2 contract. Provide technical and management direction to multidiscipline staff throughout the region, conducting more than 60 Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) site assessments, including Preliminary Assessments (PAs), Site Inspections (SIs), Expanded Site Assessments (ESIs), Targeted Brownfield Assessments (TBAs), and Formerly Used Defense Site (FUDS). Primary responsibilities included agency interaction, project scoping, senior review of all contract deliverables, and overall team performance. Implementation of cost management procedures has enabled over 90% of the assignments to be completed under the approved budgets with no assignments over budget. Effective execution of health and safety procedures has led to zero Occupational Safety and Health Administration (OSHA) recordables to date on this project.

**Asbestos Removal, Fairchild Air Force Base (AFB), Spokane, WA, Air Force Center for Engineering and the Environment (AFCEE), RAC Contract, Senior Project Engineer.** Part of a \$1.7M cost plus fixed fee (CPFF) Delivery Order (DO) issued through the worldwide RAC. Oversaw subcontractor coordination for project bidding.

### **Environmental Support, Seattle, WA, CertainTeed Gypsum, Inc., Project Manager.**

Managed multiple projects for a wallboard plant in Seattle, WA. Served as technical lead for the facility environmental team. Tasks included Stormwater Pollution Prevention Plan (SWPPP) preparation, capital expenditure budget development, regulatory correspondence, air emission evaluation for gypsum rock ship unloading process, and stormwater sampling.

### **Environmental Support, Seattle, WA, ConGlobal Industries, Inc., Project Manager.**

Managed multiple projects for a shipping container maintenance facility in Seattle, WA. Tasks included SWPPP preparation, and Spill Prevention Control and Countermeasure (SPCC) plan development.

**Soil and Groundwater Investigation, Pasco, WA, U.S. Army Reserves, 70<sup>th</sup> Regional Readiness Command, Project Manager.** Managed investigation to assess impacts to soil and groundwater due to historical fuel pipeline release located on-site. The project included sampling



## Key Projects (Continued)

19 push-probe locations and 4 monitoring wells. Site-specific petroleum hydrocarbon cleanup levels were calculated for groundwater. Following a year of quarterly monitoring, a report recommending no further action was submitted for agency review.

**RA and Site Closure, Crescent City, CA, Confidential Client, Project Manager.** Managed RA and site closure activities associated with the sale of 25,000 acres of timber property that included a former sawmill, forestry building, vehicle maintenance buildings, and fuel storage tanks. Work included removal of 13 underground storage tanks (USTs), installation and/or monitoring of nine groundwater monitoring wells, and excavation and disposal of approximately 2,500 yd<sup>3</sup> of impacted soil associated with a drainage ditch, several fueling systems, and two vehicle wash stations. Oxygen-releasing compound was also installed to promote the biodegradation of petroleum hydrocarbons (PHCs) in the soil and groundwater. Demolition and disposal of the forestry building was also required to mitigate residual herbicide concentrations. Prepared numerous reports, and negotiated with state and local agencies to obtain No Further Action (NFA) determination for the entire site.

**Risk-Based Corrective Action (RBCA) Program and RA, Oregon City, OR, Confidential Client, Project Manager.** Managed project that included a RBCA program following the removal of pentachlorophenol (PCP)-impacted soil. Because residual PCP concentrations could not be removed beneath the railroad track ballast, a risk assessment was conducted. Based on the risk assessment results, a Remedial Action Plan was prepared that specified how risks to human health would be reduced by constructing a cap that would be incorporated into the Amtrak depot proposed for the site. Well installation and groundwater monitoring was also conducted to assess PCP concentrations in groundwater. Also responsible for agency negotiations and subcontractor management.

**Sub-Slab Soil Gas Investigation and RD Evaluation, Seattle, WA, Stone Drew Ashe and Jones (SDAJ), Project Manager.** Conducted air sampling and provided technical support regarding the migration of volatile organic compound (VOC)-impacted groundwater beneath SDAJ's facility from an adjacent property. SDAJ operates a warehouse and office that is located immediately downgradient from a site where waste solvents have been released to the subsurface. Air sampling beneath the concrete slab of the warehouse was conducted to evaluate the potential risks to human health. Also reviewed several documents prepared by the adjacent property owner relating to mitigating the collection of VOCs beneath the SDAJ foundation.

**Site Investigation and RBCA Program, Tongue Point Job Corps Center (TPJCC), Astoria, OR, Management and Training Corporation (MTC)/U.S. Department of Labor and General Services Administration (GSA), Project Manager.** Managed two TOs under time and materials (T&M) and lump sum basis, totaling more than \$100K, involving investigation to evaluate impacted soil and groundwater from a former gasoline UST. Provided overall quality assurance/quality control (QA/QC) and safety oversight of multidiscipline WESTON and subcontractor personnel, resulting in 800 hours of safe labor and within-budget project delivery. The TPJCC was previously used by the U.S. Navy, which operated the Tongue Point Naval Air Station (NAS) for approximately 40 years. Following monitoring activities, a report was



## Key Projects (Continued)

prepared and submitted to the Oregon Department of Environmental Quality (ODEQ) for regulatory review, and a NFA determination was granted.

**Resource Conservation and Recovery Act (RCRA) Corrective Action Program, Washington State, The Boeing Company, Technical Manager.** Client contact and technical manager for a facilitywide RCRA program. In accordance with the Agreed Order, comprehensive work plans and reports were prepared regarding the evaluation of soil and groundwater at seven solid waste management units (SWMUs) and 31 areas of concern (AOCs); catch basin material from stormwater drainage structures; and nearshore sediment from Lake Washington. Interim actions include a groundwater extraction system to contain a VOC plume and an air sparging/ bioventing system to reduce Jet A fuel concentrations in soil/groundwater. Designed new treatment system with low-profile air stripper to reduce effluent concentration to meet NPDES requirements. Involved in Washington State Department of Ecology (Ecology) negotiations to determine future work requirements. Develop annual budgets and schedules, and manage subcontractors and support staff.

**UST Removal and Replacement Program, Washington, Oregon, and California, Columbia Healthcare of America (HCA), Project Manager.** Coordinated with client, subcontractors, and other WESTON personnel to perform a UST removal and replacement program at six hospitals. Tasks included verifying the needs at each facility, assisting in the preparation of bid and specification documents, soliciting bidders, determining regulatory requirements, and contractor oversight.

**Operation and Monitoring of Soil/Groundwater Remediation System, Spanaway, WA, O'Neil's Markets, Inc., Project Manager.** Provided oversight of operation and monitoring of a soil and groundwater remediation system. The system consisted of a soil vapor extraction (SVE) system and treatment of recovered groundwater prior to on-site reinfiltration, using two air strippers in series. Utilized risk-assessment methods to obtain a higher cleanup level for soils associated with the removal of two USTs.

**Preliminary RCRA Facility Investigation (RFI), Everett, WA, The Boeing Company, Project Manager.** While employed by ESE, managed the investigation of five areas at the client's facility to assess current conditions and potential for releases. Prepared an evaluation that included visual inspection of concrete vaults, oil/water separators, utility corridors, and steel tanks, which required confined-space entry. Performed hydrostatic tests on four steel tanks. Four soil borings were completed in a catch basin using a portable unit. Completed a total of 15 soil borings and two monitoring wells during the subsurface investigation.

**BRIAN P. REILLY*****Qualifications Summary***

- Over seven years of experience in geologic field work and environmental science.
- Over two year of experience in hydrologic field work and water quality monitoring.
- Familiarity with the EPA's Hazard Ranking System (HRS); prepared Preliminary Assessment (PA) deliverables for EPA.
- Experience in organizing and participating in sampling events (collecting groundwater, surface water, and soil samples).
- Background in geology.

**Fields of Competence**

Experienced at conducting Phase I and Phase II site assessments. Managed Preliminary Assessments as a project scientist supporting the U.S. Environmental Protection Agency. Experienced in developing work plans, sampling plans, and in preparing technical deliverables for property evaluations.

**Credentials**

B.S., Earth Sciences—University of California at Santa Cruz (2000)  
 40-Hour Hazardous Waste Site Training Course, OSHA 29 CFR 1910.120(e)(3) (2002)  
 8-Hour Hazardous Waste Refresher Course, OSHA 29 CFR 1910.120(e)(8) (2006)  
 Workplace Training: Standard First Aid—American Red Cross (2006)  
 Adult CPR/AED—American Red Cross (2006)

**Employment History**

2005-Present	WESTON
2003-2004	Graham Matthews & Associates
2002-2003	Assessco, Inc.

**Key Projects**

**Preliminary Assessments, Various Locations, U.S. EPA, Site Leader.** Performed preliminary assessments and site inspections at CERCLA sites. Determined CERCLA eligibility through site history, documented past and present chemical handling practices, and identified chemical dispersal pathways and specific pathway receptors. Interacted with various federal, state, and local agencies.

**Hazardous Household Waste Management, New Orleans, Louisiana, U.S. EPA.** Performed duties as outlined by the START contract for the Hurricane Katrina Response Effort.

**Phase I Site Assessments, Stimson Lumber Co – Various Locations.** Assisted in the report preparation, records review, regulatory database analysis, and site visits for Phase I Site Assessments at the former Atlas Sawmill site in Coeur d'Alene, ID; Hauser Mill in Hauser, ID; Bonner Sawmill site in Bonner, MT; and St. Helens Truck Shop in St. Helens, OR.