

Phase I Environmental Site Assessment

20-Acre Parcel
22333 8th Street East
Sonoma, California

Prepared for:
Sonoma Valley County
Sanitation District

May 2010

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Sonoma Valley County Sanitation District

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Project Number 0112574



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LIST OF ACRONYMS

ACM	Asbestos containing materials
APN	Assessor's Parcel Number
AST	Aboveground storage tank
ASTM	American Society for Testing and Materials
bgs	Below ground surface
DTSC	Department of Toxic Substances Control
EDR	Environmental Data Resources
ERM	ERM-West, Inc.
ESA	Environmental Site Assessment
LUST	Leaking underground storage tank
PACM	Presumed asbestos containing material
PCB	Polychlorinated biphenyl
REC	Recognized Environmental Condition
SCWA	Sonoma County Water Agency
SLIC	Spills, Leaks, Investigations and Clean-ups
SVCSD	Sonoma Valley County Sanitation District
SVTP	Sonoma Valley County Sanitation District Treatment Plant
SWRCB	State Water Resources Control Board
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground storage tank

EXECUTIVE SUMMARY

ERM-West, Inc. (ERM) performed a Phase I Environmental Site Assessment (ESA) of a 20-acre portion of the property located at 22333 8th Street East in Sonoma, California (the “site” or “subject property”). The Phase I ESA was performed for the Sonoma Valley County Sanitation District (SVCSD) in anticipation of a financial transaction involving the subject property.

The Phase I ESA was conducted in general accordance with the scope and limitations of American Society of Testing and Materials (ASTM) *Standard E 1527-05 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E 1527-05) and the standards for conducting all appropriate inquiry pursuant to Title 40 of the Code of Federal Regulations Part 312 (40 CFR 312), referred to as the All Appropriate Inquiry Standard.

The subject property is part of Sonoma County Assessor’s Parcel Number (APN) 128-422-064 and consists of approximately 20 acres of mostly undeveloped land, a portion of which contains vineyards. At the time of the site visit, the western/northwestern portions of the subject property were being used as vineyards. A north/south-trending seasonal creek is located on the eastern portion of the subject property. This creek discharges to Schell Creek, which is located approximately ¼-mile southwest of the site. Schell Creek is a tributary of Sonoma Creek and discharges to San Pablo Bay to the southeast.

The entire site has historically been used for agricultural purposes. The current owners (the Sasaki family) purchased the subject property in 1985 and have used the property as a vineyard since that time. Properties in the vicinity of the site consist of mixed residential, agricultural, and light industrial use.

Recognized Environmental Conditions (RECs)

A REC, as defined in ASTM E 1527-05, is “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 hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property, excluding de minimis conditions.”

Based on the data obtained during the site visit, the environmental database review, and interviews with persons familiar with the subject property and its history, ERM identified the following RECs associated with the subject property.

- According to the site contacts, the former Montini dairy farm was located north (assumed to be up-gradient with regards to surface water and groundwater) of the subject property. Storm water runoff from the dairy reportedly discharged to the creek that runs through the subject property and the site contacts believed that generated wastewater may also have discharged to the creek. Effluent from dairy farms may potentially contain increased nutrient loadings (nitrogen and phosphorous), ammonium, microbial contamination, suspended solids, and petroleum-based materials (e.g., fuels or lubricants from farm equipment). Therefore, the potential for impacts to the on-site creek to have occurred as a result of historical dairy operations cannot be ruled out.
- The subject property has been used as vineyards since approximately 1974 and the historical usage of pesticides prior to 1985 is uncertain. According to the site contacts, the herbicide Paraquat® was used during one growing season in approximately 1985. Additionally, the site contacts indicated that herbicides, fungicides, and fertilizers containing metals are currently used on the subject property. Therefore, the potential for impacts to have occurred to the site as a result of historical vineyard agrochemical use cannot be ruled out.

Other Potential Environmental Issues

While not considered RECs, the following are other potential issues of concern associated with the subject property:

- Several residences were observed immediately adjacent to, and assumed to be up-gradient from, the subject property. These properties have been present since approximately 1965 and according to the site contacts have always relied on individual septic systems to manage their sanitary wastewater. No additional information regarding the septic systems (e.g., total number, locations of leach fields, condition) was readily accessible during this assessment. Given the uncertainty regarding these septic systems, the potential for associated impacts to the subject property cannot be ruled out.
- According to the site contacts, wastewater from an unlined equalization pond located on the SVTP property to the south of the subject property infiltrated into the subsurface in approximately 1995. The wastewater from this pond was known to have infiltrated beneath

the northeastern portion of the SVTP property, where residences were previously located, and where a solar array is currently located. The infiltration caused some flooding on the adjacent property; however, it is unclear whether the subject property was impacted. According to SVTP representatives, a groundwater well formerly located on the northeastern portion of the SVTP property was tested for bacterial contamination and no impacts were identified. Regardless, the residential property that was most significantly impacted by the wastewater was subsequently purchased by the SVCSD and the equalization pond was properly lined.

1.0 INTRODUCTION AND BACKGROUND

1.1 PURPOSE AND AUDITOR

ERM-West, Inc. (ERM) performed a Phase I Environmental Site Assessment (ESA) of a 20-acre portion of the property located at 22333 8th Street East in Sonoma, California (the “site” or “subject property”). The Phase I ESA was performed for the Sonoma Valley County Sanitation District (SVCSD), which is managed by Sonoma County Water Agency (SCWA), in anticipation of a financial transaction involving the subject property. Plans for the subject property potentially include use as a buffer zone for the existing Sonoma Valley County Sanitation District Treatment Plant (SVTP), use for recycled water storage ponds, or other uses connected with the SVTP operations and/or other district initiatives.

The site visit was performed on 25 March 2010 by ERM’s Mr. Peter Baty and Ms. Chimi Yi. ERM was accompanied on the site visit by the following individuals:

- Mr. Kevin Campbell – Right of Way Agent for the SCWA; and
- Mrs. Janet Sasaki – subject property owner.

1.2 SCOPE OF WORK

This ESA was conducted in general conformance with the requirements of American Society for Testing and Materials (ASTM) Standard E 1527-05; *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*; the standards for conducting all appropriate inquiry as set forth at Title 40 of the Code of Federal Regulations Part 312 (40 CFR 312), and with ERM’s proposal, dated 22 January 2010.

The ESA was conducted to evaluate and identify conditions indicative of releases and threatened releases of hazardous substances and petroleum products on, at, in, or to the subject property. ERM’s Phase I ESA sought to gather information regarding: (1) current and past property users and occupancies; (2) current and past users of hazardous substances and petroleum products; (3) waste management and disposal activities that could have caused a release or threatened release of hazardous substances; (4) current and past corrective actions and response activities to address past and on-going releases of hazardous substances at the

subject property; (5) engineering controls at the subject property; (6) institutional controls at the subject property; and (7) properties adjoining or located near the subject property that have environmental conditions that could have resulted in conditions indicative of releases or threatened releases of hazardous substances to the subject property.

ERM's Phase I ESA included:

- An on-site reconnaissance of the subject property to evaluate current conditions and identify areas of potential concern;
- A review of property history through interviews and aerial photographs, city directories, ownership records, and historical mapping;
- Observation of adjacent properties and the local area to evaluate the potential for adverse environmental impact to the subject property; and
- Interviews/research of local city/county, tribal, State, and Federal records, including contracting with Environmental Data Resources, Inc. (EDR) to identify sites of concern.

Photographs of the site and surrounding areas were taken to document current conditions and these are included in Appendix A. A copy of the User Questionnaire, completed by representatives of the SCWA is included in Appendix B.

1.3 *LIMITING AND SPECIAL CONDITIONS*

1.3.1 *Limiting Conditions during the Site Visit*

The weather during the site visit was partly cloudy with a temperature of approximately 60 degrees Fahrenheit (°F). No limiting conditions were encountered during the site visit.

1.3.2 *Significant Assumptions*

ERM assumes that all information obtained from the SCWA concerning the subject property is correct and complete. ERM further assumes that this report will be read as a whole by the Client.

1.3.3 *Limitations and User Reliance*

The innocent landowner, contiguous owner, and prospective purchaser defenses to liability under CERCLA require that a person acquiring

property conduct an all appropriate inquiry with respect to the subject property. ERM has conducted this environmental assessment in accordance with the standards for conducting an all appropriate inquiry set forth at 40 CFR Part 312. Those standards require the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations and exercise of discretion. Professional judgments expressed herein are based on the facts currently available within the limits of the existing data, and data gaps identified herein, scope of work, budget, and schedule. Results of this assessment are based upon the scope of work set forth in ERM's proposal, dated 22 January 2010. All conclusions regarding the subject property represent the professional opinions of the ERM personnel involved with the project, and the results of this report should not be considered a legal interpretation of existing environmental regulations. Provided ERM complies with the applicable standard of care, ERM assumes no responsibility or liability for errors in the public data used, statements from sources outside of ERM, or developments resulting from outside the scope of this project. We make no warranties, expressed, or implied, including, without limitation, warranties as to merchantability or fitness for a particular purpose.

This report was prepared for the SVCSD (the "Client") for its sole use and reliance. Reliance on this report by any other person(s) or entity(ies) is strictly at their own risk, and ERM makes no warranties to person(s) or entity(ies) other than the Client. If other person(s) or entity(ies) wish to rely upon this report (i.e., lenders, mortgagers, insurance companies, or other parties to a transaction), ERM will require that such parties agree to our contract terms in writing.

2.0 *SITE SETTING*

2.1 *LOCATION*

The subject property is located at 22333 8th Street East in Sonoma, California. The general location of the subject property and the physiographic features of the surrounding area are shown in Figure 1, which was developed from the United States Geological Survey (USGS) 7.5-minute quadrangle map (Sonoma, California), dated 1980.

2.2 *NEIGHBORING PROPERTIES*

Properties in the vicinity of the subject property consist of mixed residential, agricultural, and commercial/light industrial use (refer to Figure 2). The abutting properties and nearby land uses include:

- North/Northeast: Undeveloped agricultural land and residential areas are immediately adjacent to the north. Beyond these areas is a former dairy farm (Montini Ranch). Light industrial businesses, including Sonoma Skypark Airport and wineries, are located from 600 to 1,000 feet from the subject property to the northeast.
- East: Schellville Road parallels the eastern boundary of the subject property. Beyond Schellville Road is a former Northwestern Pacific Railroad right-of-way that runs parallel to 8th Street East and undeveloped agricultural land.
- South: The SVTP is immediately adjacent to the south. Beyond the SVTP are undeveloped agricultural land and commercial businesses.
- West: Undeveloped agricultural land and residential areas are immediately adjacent to the west.

ERM observed no visual evidence of environmental concerns on the immediately surrounding properties.

2.3 *TOPOGRAPHY AND HYDROLOGY*

The subject property location and physiographic features of the surrounding area are shown on the USGS, 7.5-minute series topographic quadrangle map for Sonoma, California. The portion of this map that

illustrates the subject property is included on Figure 1. The surface topography of the subject property and surrounding vicinity is generally flat with a ground surface elevation of approximately 26 feet above mean sea level. In general, the ground surface topography slopes to the south.

A north/south-trending seasonal creek is located on the eastern portion of the subject property. This creek discharges to Schell Creek, which is located approximately ¼-mile southwest of the site. Schell Creek is a tributary of Sonoma Creek and discharges to San Pablo Bay to the southeast. Based on observations made during the site visit, most storm water at the subject property will infiltrate to the subsurface or run off to the on-site creek.

According to the EDR radius map, there are no wetland areas located on the subject property. However, the following wetland areas are identified by the National Wetland Inventory in close proximity to the subject site:

- A water storage pond located on the Sasaki property approximately 700 feet to the southwest of the subject property; and
- Holding ponds located at the SVTP, which is adjacent to the subject property to the south.

The EDR report also indicates that areas approximately ¼-mile and beyond to the west, south, and southeast of the subject property are located within a 100-year flood zone.

2.4 *GEOLOGY AND HYDROGEOLOGY*

The subject property is located in the Sonoma Valley and is underlain by unconsolidated alluvial deposits consisting of clays, silts, sands, and gravels. ERM obtained soil information from the EDR report, which references the United States Department of Agriculture Soil Conservation Service soil maps. The EDR report indicates that surface soil of the subject property is Wright soil. Wright soil is a poorly-drained loam with very slow infiltration rates.

The depth to bedrock is not identified in the EDR report, or in environmental documentation from nearby properties, obtained from a search of regulatory agency databases. However, the USGS' Scientific Investigations Report 2006-5092 reported bedrock can be found as deep as 6,000 feet below ground surface (bgs) in the main part of Sonoma Valley.

According to the EDR report, there are 14 water wells registered in the USGS National Water Inventory System (NWIS) and one water well registered in the California Drinking Water Quality Database located within a one mile radius of the subject property. One of the USGS wells is located within a ¼-mile radius to the southwest; the depth of this well is 104 feet bgs and the depth to groundwater is 12.9 feet bgs. The remaining wells are located greater than a ¼-mile radius; the depths of these wells range from 70 to 770 feet bgs and the depth to groundwater ranges from 3 to 85 feet bgs, with deeper groundwater levels occurring in wells screened in deeper aquifer zones.

No public water supply wells were located within the 1-mile search radius from the subject property. The site contacts indicated that no wells are known to be located on the subject property and ERM did not observe any wells on the subject property. The site contacts indicated that one irrigation supply well and associated diesel-powered pump and storage pond are located to the southwest of the subject property and water from this well is connected to irrigation lines present on the subject property. SVCSD contacts indicated that an additional groundwater well is present on the northwestern portion of the SVTP property.

While groundwater flow direction at the subject property has not been confirmed by ERM, based on the regional topography and information obtained from environmental documentation from nearby properties (obtained from the EDR report), it is expected that shallow groundwater generally flows to the south. The site contacts indicated that depth to groundwater at the site is approximately 5 feet bgs or less.

It is important to note that groundwater flow direction can be influenced locally and regionally by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types and location of subsurface soils, and proximity to water pumping wells. Confirmation of specific geological and hydrogeological factors affecting groundwater flow beneath the subject property is beyond the scope of this Phase I ESA.

3.0 SITE AND OPERATIONS INFORMATION

3.1 GENERAL SITE DESCRIPTION

The subject property is part of Sonoma County Assessor's Parcel Number (APN) 128-422-064 and consists of approximately 20 acres of mostly undeveloped land. Vineyards are present on the western and northwestern portions of the subject property. A north/south-trending seasonal creek, which discharges to the south, is located on the eastern portion of the subject property.

Wire fencing is located along the northern and eastern property lines and a chain-link fence is located along the southern property line. The western boundary of the subject property is delineated from the rest of the parcel by wire fencing. The subject property is accessed off of 8th Street East through a locked gate or by a private dirt roadway to the southwest.

At the time of the site visit, the western/northwestern portions of the subject property were being used as vineyards and the eastern portion of the subject property consisted of grass fields. According to the site contacts, the eastern portion of the subject property has not been farmed in approximately 15 years.

3.2 UTILITIES

No known utilities are located on the subject property. Overhead electrical power lines run along Schellville Road, parallel to the eastern boundary of the subject property.

Although not technically utility lines, it should be noted that irrigation lines are present at the site, as described in Section 3.3, below.

3.3 PROCESSES AND MATERIAL USE

West/east-trending irrigation lines are present throughout the subject property; these irrigation lines deliver water from an off-site irrigation supply well located to the southwest of the subject property. No other improvements were noted on the subject property.

3.4 **CHEMICAL USE AND STORAGE**

According to the site contacts, no chemicals are stored on the subject property, and ERM observed no chemical storage on the subject property during the site visit. The site contacts indicated that the following chemicals are currently used on-site:

- Herbicides, primarily Goal® and Roundup®, are used beneath the grapevines and along the subject property fence-lines;
- Fungicide sprays consisting of copper or sulfur, phosphate, and nitrogen are used in the grapevine areas once every two weeks during the growing season; and
- Fertilizers containing nitrogen, phosphorous, and potassium, are used in the grapevine areas during the growing season.

Additionally, site contacts reported that the herbicide Paraquat®, a Restricted Use Pesticide, was used during one growing season circa 1985.

3.4.1 ***Underground Storage Tanks (USTs)***

Site contacts indicated that no USTs are currently or were historically located on the subject property, and no indications of potential USTs were observed by ERM during the site visit. No USTs were identified on the subject property in the EDR report.

3.4.2 ***Aboveground Tanks (ASTs)***

Site contacts indicated that no ASTs are currently located on the subject property, and no ASTs were observed by ERM during the site visit.

3.5 **HAZARDOUS AND NON-HAZARDOUS WASTE MANAGEMENT**

3.5.1 ***Hazardous Waste***

According to the site contacts, the subject property is not used to store any hazardous wastes. No hazardous wastes were observed at the site by ERM during the site visit. The subject property was not listed as a hazardous waste generator in the EDR report.

3.5.2 *Non-Hazardous Waste*

According to the site contacts, no non-hazardous waste is stored on the subject property. No non-hazardous waste storage was observed on the subject property by ERM during the site visit.

3.6 *WATER, WASTEWATER, AND STORM WATER*

3.6.1 *Water*

The subject property is not connected to the municipal water supply system. Irrigation lines present throughout the subject property deliver water from an off-site irrigation supply well located to the southwest of the site. The site contacts indicated that this water supply well was installed approximately 10 years ago and is approximately 120 feet deep. Groundwater pumped from the supply well is stored in an adjacent holding pond. ERM did not observe evidence of groundwater wells located on the subject property itself.

3.6.2 *Wastewater*

The subject property is not connected to the municipal wastewater system. No evidence of septic systems was observed during the site visit and no documentation reviewed by ERM suggested the presence of current or historical septic systems at the subject property. Site contacts were not aware of any historical septic systems at the property.

3.6.3 *Storm Water*

Based on observations made during the site visit, storm water generated at the site either infiltrates to the subsurface or runs off to the on-site creek.

3.7 *AIR EMISSIONS*

ERM did not observe evidence of regulated air emissions sources associated with the subject property, and ERM's review of regulatory databases did not identify the subject property in any air program databases.

3.8 POLYCHLORINATED BIPHENYLS (PCBS)

ERM observed the subject property for types of equipment that have been historically associated with the use of polychlorinated biphenyls (PCBs) as a dielectric fluid coolant and stabilizer. Some examples of the type of equipment that potentially contain PCBs or PCB-contaminated oil include electrical equipment such as transformers, capacitors, hydraulic equipment, and high voltage liquid filled switches. ERM did not observe any potentially PCB-containing equipment on the subject property and the site contacts were not aware of any such equipment.

3.9 VISUAL INDICATIONS OF ON-SITE IMPACTS

ERM did not observe any visual indications of on-site impacts during the site visit.

3.10 ASBESTOS CONTAINING MATERIALS

Asbestos was banned in most friable building materials (sprayed applied surfacing materials and thermal system insulation) in 1978. The Occupational Safety and Health Administration deems spray applied surfacing materials, thermal system insulation materials, and vinyl flooring materials as “presumed asbestos-containing materials” (PACMs) if they are present in pre-1981 buildings (Title 29 of the Code of Federal Regulations, Parts 1910.1001 and 1926.1101).

The subject property is not developed and therefore, no buildings or structures of interest exist that may contain asbestos containing materials (ACM).

4.0 ASSESSMENT OF PAST LAND USE AND OPERATIONS

4.1 GENERAL INFORMATION

The historical subject property uses have been assessed based on interviews with site contacts and reviews of historical aerial photographs, topographic maps, and city directories as summarized in the following sections.

4.2 PREVIOUS ENVIRONMENTAL REPORTS

ERM was not provided with any prior environmental reports for the subject property. However, ERM reviewed prior environmental reports for areas in the vicinity of the subject property. In 2006, ERM conducted a Phase I ESA of a 40-foot-wide strip of land that will serve as a temporary construction easement running through 17 interconnected parcels from East Watmaugh Road to the SVTP in Sonoma, California. The Phase I ESA report (ERM, January 2007) for this project noted that nine parcels within the project alignment were used for orchards during the 1950s and 1960s and that the historical usage of organochlorine-type pesticides, such as DDT, dieldrin, and aldrin, on these parcels could not be ruled out.

ERM recommended soil sampling of these parcels to evaluate the potential presence of organochlorine pesticides in soils. In August 2007, ERM conducted a Phase II ESA of the nine parcels during which 21 surface soil samples were collected along the length of the alignment where excavation activities were to take place. The surface soil samples were collected from 0 to 1 foot bgs and were composited so that there was one sample for each parcel. The nine composite samples were analyzed for organochlorine pesticides by United States Environmental Protection Agency (USEPA) SW846 Method 8081. Organochlorine-type pesticides were not detected in any of the surface soil composite samples.

4.3 EVALUATION OF HISTORICAL INFORMATION SOURCES

To determine past uses of the subject property and the surrounding properties, ERM reviewed historical sources of information as outlined in Table 1.

Table 1 *Summary of Historical Records Reviewed*

Name/Years Reviewed		
Source of Information	Subject Property	Adjacent Properties
Interview(s) with current owner/occupant	Mrs. Janet Sasaki and Mr. Tito Sasaki, subject property owners	Mr. Kevin Campbell, Right of Way Agent for the SCWA
	Mr. Kevin Campbell, Right of Way Agent for the SCWA	Mr. Hody Wilson, Operations Manager for the SVTP
Interview(s) with past owners/occupants, (if appropriate)	Contact information not readily available	Contact information not readily available
Interview(s) with owner/occupants of neighboring and nearby properties (in cases of abandoned subject property)	Not Applicable	Not Applicable
USGS Topographic Maps	1902, 1942, 1951, 1968, and 1980	1902, 1914, 1942, 1947, 1951, 1968, and 1980
Sanborn Maps	No coverage	No coverage
City Directories	1972-2008	1972-2008
Aerial Photographs	1953, 1965, 1975, 1982, 1993, 1998, and 2005	1953, 1965, 1975, 1982, 1993, 1998, and 2005
50-year Chain-of-Title	Not provided by client	Not provided by client

4.3.1 *Subject Property*

ERM’s review of historical city directories, aerial photographs, topographic maps, and Sanborn® maps revealed that the subject property has remained undeveloped and used primarily for agricultural purposes since at least 1902. Vineyards are observed to be present on the subject property on the aerial photographs from 1982 to the present.

According to the subject property owner, the Sasaki family purchased the site in 1985 from Mr. Paul Sosnowski. The subject property owner indicated that the vineyard was planted in approximately 1974 and that prior to 1974, the site may have been used as a horse paddock. The subject property owners were not aware of the potential agrochemical usage at the site prior to their ownership.

4.3.2

Adjacent Properties and Surrounding Area

For the most part, the surrounding area has been used for agricultural purposes since at least 1902. According to the historical topographic maps, the former Northwestern Pacific Railroad right-of-way has been present in its current location since at least 1902. According to the historical topographic maps and aerial photographs reviewed by ERM, the western portion of the property that is the current location of the SVTP showed indications of initial development by 1965. Areas adjacent to the northwest, northeast, and southeast of the subject property show residential development.

The 1975 aerial photograph shows further development of the southern portion of the SVTP property. In addition, the water storage pond located on the Sasaki property to the southwest of the subject property is present. Areas to the south, west, and northeast of the subject property show residential and commercial or light industrial development.

The 1982 aerial photograph depicts further development of the SVTP property, including the presence of treatment and holding ponds.

The 1993 and 1998 aerial photographs show further development of areas to the northeast of the subject property with commercial or light industrial buildings.

The 2005 aerial photograph shows the SVTP property as it exists today, minus the solar array currently present on the northeastern portion of the property. By 2005, the remainder of the adjacent properties and surrounding area are essentially the same as their current day configuration.

According to the site contacts, the former Montini dairy farm was located north (up-gradient) of the subject property. Storm water runoff from the dairy reportedly discharged to the on-site creek and the site contacts believed that generated wastewater may also have discharged to the creek. Effluent from dairy farms may potentially contain increased nutrient loadings (nitrogen and phosphorous), ammonium, microbial contamination, suspended solids, and petroleum-based materials (e.g., from the operation and maintenance of farm equipment).

Several residences were observed immediately adjacent to, and up-gradient from, the subject property. These properties have been present since approximately 1965 and according to the site contacts have always relied on individual septic systems to manage their sanitary wastewater.

No additional information regarding the septic systems (e.g., total number, locations of leach fields, condition) was readily accessible during this assessment.

The site contacts also indicated that wastewater from an unlined equalization pond located on the SVTP property to the south of the subject property infiltrated into the subsurface in approximately 1995. The water from this pond was known to have infiltrated beneath the northeastern portion of the SVTP property, where residences were previously located, and where a solar array is currently located. The infiltration caused flooding on the adjacent property; however, it is unclear whether the subject property was impacted. According to SVTP representatives, a groundwater well formerly located on the northeastern portion of the SVTP property was tested for bacterial contamination and no impacts were identified. Regardless, the residential property that was most significantly impacted by the wastewater was subsequently purchased by the SVCSD and the equalization pond was properly lined.

A groundwater monitoring well was observed on northern boundary of the SVTP property during the site visit. SVTP representatives also indicated that wells are located near the solar array. However, construction details and groundwater analytical data were not readily available for these wells.

4.3.3 *Non-Regulatory Interviews*

Additional information obtained from the site contacts is discussed in the applicable sections throughout this report. ERM was unable to interview all adjacent property owners, as contact information was not readily available.

5.0 *DATABASE AND GOVERNMENT RECORDS REVIEW*

5.1 *GOVERNMENT RECORDS REVIEW/INTERVIEWS*

Record reviews for the subject property were submitted to the Sonoma County Agricultural Commissioner's Office and the Sonoma County Hazardous Materials Division. The Agricultural Commissioner's Office indicated that pesticide use reports for the subject property were available for the years 2007 through 2010. ERM did not review these reports, as an interview with the property owner provided the necessary information for this timeframe. No records were available for the subject property from the Sonoma County Hazardous Materials Division.

ERM also reviewed the following on-line databases:

- The State Water Resources Control Board's (SWRCB) GeoTracker database;
- The California Department of Toxic Substances Control's (DTSC) EnviroStor database; and
- The United States Environmental Protection Agency's (USEPA) Envirofacts database.

No records were available for the subject property from these on-line databases.

5.2 *ENVIRONMENTAL DATABASE SEARCH*

ERM contracted with EDR to conduct a database search for agency records. The database report defines and summarizes the ASTM databases reviewed in the EDR report and notes if any sites (including the subject property) were identified in the specified radius. The locations of the sites identified in the EDR report were evaluated to determine which sites were located within the ASTM-specified search distance from the subject property boundaries. Only those sites within the ASTM-specified distances are discussed below. A copy of the EDR Radius Map Report is included in Appendix C, along with aerial photographs, topographic maps, Sanborn No Coverage Certificate, and a City Directory Report.

It should be noted that the computerized geocoding technology used in the database search is based on available census data and is only accurate

to approximately ± 300 feet. The EDR report provides a list of unmapped (orphan) sites for which inadequate location information was provided. ERM has reviewed the list of “unmapped” sites to determine if these sites are within the study radius. Given the information provided (e.g., roads, intersections, towns, or site names) compared against a search of available public resources (e.g., Google Earth, internet searches, etc.) none of the “unmapped” sites appear to be within the applicable search radius of the site.

Sites identified within the study radii were evaluated to determine whether they are likely to have adversely impacted the subject property. The criteria used to evaluate the potential for adverse impact to the subject property include:

- Distance from the subject property;
- Expected depth and direction of groundwater and surface water flow;
- Expected storm water flow direction; and
- Whether or not the presence/absence of any documented contaminant releases at the identified sites have been remedied to the satisfaction of regulators.

The identification of a site as potentially up-gradient or down-gradient is based on the expected direction of groundwater flow to the south.

5.2.1 *Subject Property*

The subject property was not identified in any of the databases searched by EDR.

5.2.2 *Surrounding Properties*

The EDR report identified the following listings within the specified search radii of the subject property: (6) LUST, (1) SLIC, (4) HIST CORTESE, and (1) Notify 65. Each of these listings is located between $\frac{1}{4}$ and $\frac{1}{2}$ miles from the site. Based on ERM’s review of the database findings for vicinity sites, an adverse impact to the subject property from the vicinity sites is not expected. These properties are not expected to have adversely impacted the subject property because: (1) the case has been closed to the satisfaction of regulators; (2) the property is located down-gradient of the subject property relative to the expected groundwater flow direction; and/or (3) the property is not located at a distance from the subject property that is likely to have an adverse impact.

All but one LUST sites have been issued “case closure” by the overseeing regulatory agency, with the exception of the E.K. Excavating Inc. site, which is located approximately 1/3 miles south (down-gradient) of the site. The SLIC case has also been issued a “case closure” status by the San Francisco Bay RWQCB. The HIST CORTESE relate to the LUST sites already discussed. A Notify 65 listing, in and of itself, is not indicative of a site representing a risk to the subject property.

6.0

DATA GAPS

The following table summarizes the data gaps identified during the site assessment along with the significance of the data gaps with respect to the conclusions of this assessment.

Table 2 *Data Gap Summary*

Data Gap	Sources Consulted to Address Data Gap	Significance
ERM did not review the chain of title for the subject property as the chain of title was not provided by the Client, and a title review was not included in ERM's Scope of Work.	Conducted interviews with the site contacts and reviewed historical maps and photographs.	Low
Information on environmental liens or activity and use limitations (AULs) were not provided for the subject property.	Conducted interviews with the site contacts and reviewed historical maps and photographs.	Low

7.0 USER PROVIDED INFORMATION

ERM contacted the Client (the “User”) with respect to the following information:

- An evaluation of the presence of Environmental Cleanup Liens for the subject property;
- Activity and Use Limitations such as engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place for the subject property;
- Specialized Knowledge that includes personal knowledge or experience related to the subject property or nearby properties based on professional experience or knowledge of the subject property;
- Fair Market Value to evaluate whether a purchase price is significantly below Fair Market Value;
- Obvious Indicators that involve past or present spills, stains, releases, cleanups on or near the subject property; and
- Common Knowledge about specific chemicals, possible contamination, or past use of the subject property and surrounding area.

The User Questionnaire for Phase I ESAs (User Questionnaire), completed by Mr. Kevin Campbell of the SCWA, is included in Appendix B. In the questionnaire, the Client asserts specialized knowledge of activities and potential environmental impacts on the subject property from the site historical operations and activities.

7.1 TITLE RECORDS

Title records reports were not provided by the Client and obtaining title records was not included in ERM’s scope of work for this assessment. This has been identified as a data gap in Section 6.0 of this report.

7.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

According to the Client completed User Questionnaire, the SCWA is not aware of environmental liens or use limitations currently recorded against the subject property.

7.3 ***SPECIALIZED KNOWLEDGE***

Specialized knowledge provided by the site contacts regarding former and current activities associated with the subject property has been incorporated into the appropriate sections of this report. The completed User Questionnaire did not indicate specialized knowledge of operations and activities associated with site operations that may have caused or potentially caused an environmental impact on the subject property.

7.4 ***COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION***

The site contacts have access to commonly known and reasonably ascertainable information associated with the subject property. Such information and documentation that was provided to ERM is presented throughout this report in the relevant report sections.

7.5 ***VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES***

The site contacts do not have knowledge suggesting that the purchase price is significantly below fair market value.

7.6 ***OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION***

The following information regarding the subject property was provided by the user:

Entity	Name
Subject property owner and current occupant	Sasaki family

7.7 ***REASON FOR PERFORMING PHASE I***

The ESA was performed to provide technical assistance to the SVCSD in association with an anticipated financial transaction involving the subject property.

ERM conducted a Phase I ESA at the subject property. Our conclusions and opinions are based on a scope of work that followed the requirements set forth in ASTM Standard E 1527-05 and 40 CFR 312. A summary of ERM's conclusions and opinions is presented below.

Recognized Environmental Conditions (RECs)

A REC, as defined in ASTM E 1527-05, is "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 hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property, excluding de minimis conditions."

Based on the data obtained during the site visit, the environmental database review, and interviews with persons familiar with the subject property and its history, ERM identified the following RECs associated with the subject property.

- According to the site contacts, the former Montini dairy farm was located north (assumed to be up-gradient with regards to surface water and groundwater) of the subject property. Storm water runoff from the dairy reportedly discharged to the creek that runs through the subject property and the site contacts believed that generated wastewater may also have discharged to the creek. Effluent from dairy farms may potentially contain increased nutrient loadings (nitrogen and phosphorous), ammonium, microbial contamination, suspended solids, and petroleum-based materials (e.g., fuels or lubricants from farm equipment). Therefore, the potential for impacts to the on-site creek to have occurred as a result of historical dairy operations cannot be ruled out.
- The subject property has been used as vineyards since approximately 1974 and the historical usage of pesticides prior to 1985 is uncertain. According to the site contacts, the herbicide Paraquat® was used during one growing season in approximately 1985. Additionally, the site contacts indicated that herbicides, fungicides, and fertilizers containing metals are currently used on the subject property. Therefore, the potential for impacts to have occurred to the site as a result of historical vineyard agrochemical use cannot be ruled out.

Other Potential Environmental Issues

While not considered RECs, the following are other potential issues of concern associated with the subject property:

- Several residences were observed immediately adjacent to, and up-gradient from, the subject property. These properties have been present since approximately 1965 and according to the site contacts have always relied on individual septic systems to manage their sanitary wastewater. No additional information regarding the septic systems (e.g., total number, locations of leach fields, condition) was readily accessible during this assessment. Given the uncertainty regarding these septic systems, the potential for associated impacts to the subject property cannot be ruled out.
- According to the site contacts, wastewater from an unlined equalization pond located on the SVTP property to the south of the subject property infiltrated into the subsurface in approximately 1995. The wastewater from this pond was known to have infiltrated beneath the northeastern portion of the SVTP property, where residences were previously located, and where a solar array is currently located. The infiltration caused some flooding on the adjacent property; however, it is unclear whether the subject property was impacted. According to SVTP representatives, a groundwater well formerly located on the northeastern portion of the SVTP property was tested for bacterial contamination and no impacts were identified. Regardless, the residential property that was most significantly impacted by the wastewater was subsequently purchased by the SVCSD and the equalization pond was properly lined.

9.0

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL CONDUCTING THIS ASSESSMENT

This assessment was conducted by ERM's Mr. Peter Baty and Ms. Chimi Yi. ERM's Mr. Jim Warner, P.G. reviewed the contents of this report. The professional qualifications for these individuals are included in Appendix D.

The signatures for these individuals are affixed onto the cover of this report. Mr. Baty is the designated Environmental Professional for this project and prepared the following declaration.

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

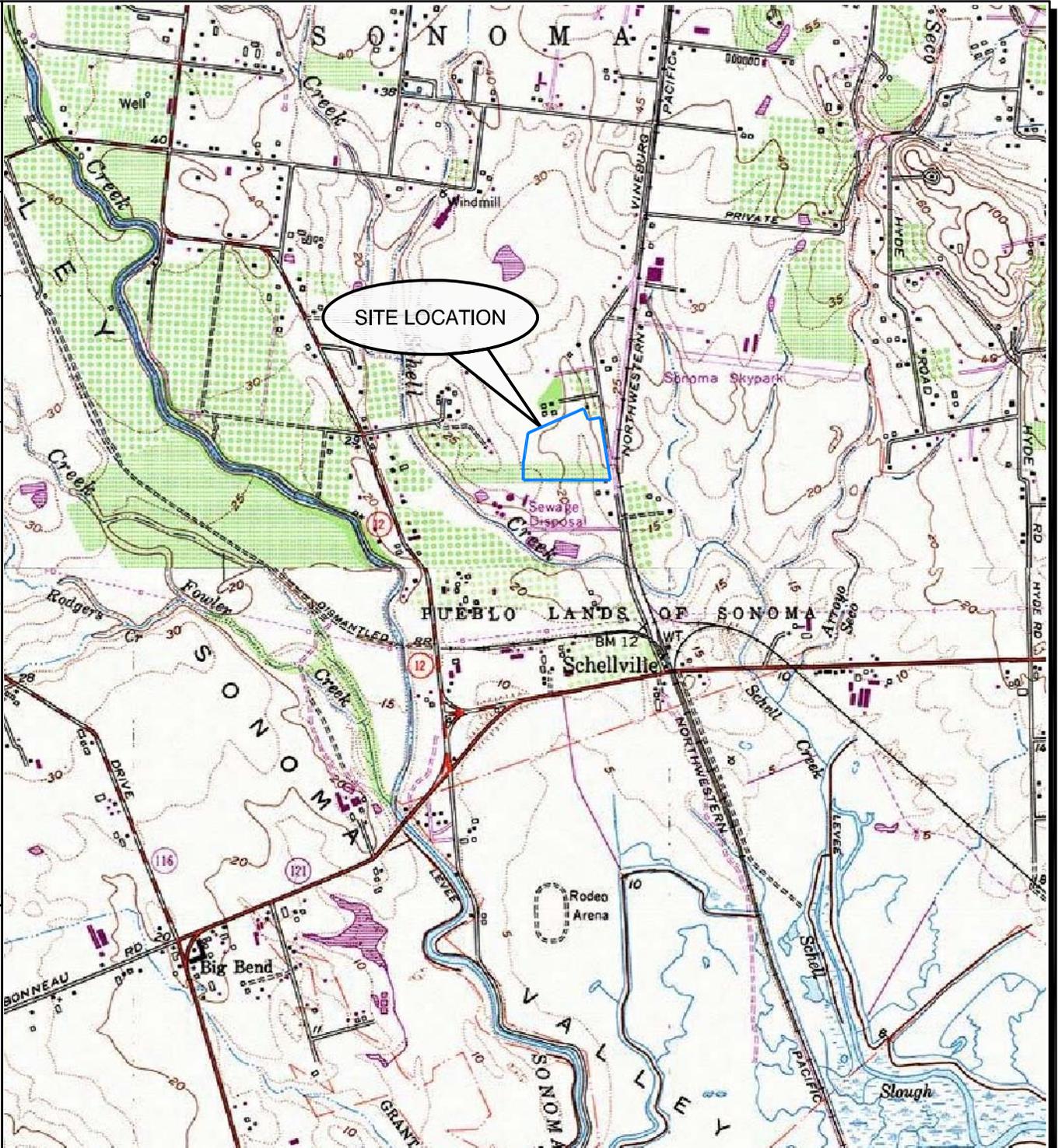
Figures

Project No.
0112574.00

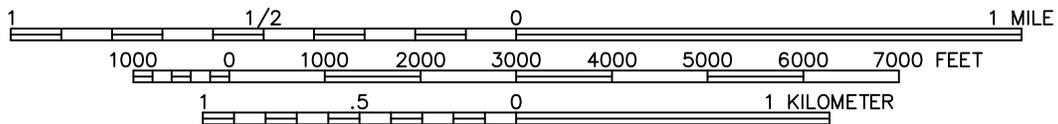
Date:
03/29/10

Drawn By:
J. Estrada

CAD File:
g:\0112574\011257400-01.dwg



SCALE 1:24,000



References:
TOPO!® Software
U.S.G.S. 7.5 Minute Series (Topographic) Quadrangle,
Sonoma, California
Dated: 1980

Figure 1
Site Location Map
22333 8th St. E
Sonoma, California



SUBJECT PROPERTY
BOUNDARY

Aerial Photo Source: © 2009 Google Earth Pro Ver 5.0.11733.9347

0 200
Approx. Scale (feet)



Figure 2
Site Layout
22333 8th St. E
Sonoma, California

Appendix A
Site Photographs



Photograph 1 – Western portion of subject property, looking southwest.



Photograph 2 – Northern portion of subject property, looking north.



Photograph 3 – Southeastern portion of subject property, looking north.



Photograph 4 – Northern portion of subject property, looking east.



Photograph 5 – Northeastern portion of subject property, looking north (adjacent residential property to the north is shown).



Photograph 6 – Adjacent undeveloped land and residential property to the northwest.



Photograph 7 – Diesel generator and groundwater storage pond on Sasaki property to the southwest.



Photograph 8 – Groundwater storage pond and irrigation supply well/pump on Sasaki property to the southwest.



Photograph 9 – Sonoma Valley County Sanitation District Treatment Plant (SVTP) adjacent to the south.



Photograph 10 – SVTP solar array adjacent to the south.



Photograph 11 – Empty SVTP treatment pond.



Photograph 12 – SVTP treatment areas.



Photograph 13 – Adjacent properties to the northeast.



Photograph 14 – Adjacent properties to the northwest.

Appendix B
User Questionnaire

USER QUESTIONNAIRE for PHASE I ESA

AS REQUIRED by ASTM Standard E1527-05

To: Peter Baty From: Kevin Campbell
 At: ERM At: Sonoma County Water Agency
 Fax: _____ Pages: _____
 Phone: _____ Date: _____

Site Name: Sasaki Property
 Address: 22333 8th Street East, Sonoma, CA

The person who will use the Phase One should provide the following information. Please fill in this form to the best of your ability, explaining any Yes answers on a separate sheet of paper. Without these answers, our report would have to note that the Phase One is incomplete, and your Landowner Liability Protections could be at risk. We need these answers before we conduct the site visit.

1. **Environmental Cleanup Liens.** ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property under federal, tribal, state or local law. Such liens might be listed in the "exceptions to coverage" in the property's title insurance commitment or policy. Failure to check for these liens could put your Landowner Liability Protections at risk.

Have you checked for these environmental cleanup liens? Yes No
 Are you aware of any such liens against the subject property? Yes No

2. **Activity and Use Limitations (AULs).** These include engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place at the site or filed under federal, tribal, state or local law. The title commitment or policy might also list AULs.

Are you aware of any possible AULs involving the subject site? Yes No

3. **Specialized Knowledge.** This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants of the property or an adjoining property, you would probably know of any chemicals, oil, degreasers, gasoline, or other hazardous substances commonly used in that type of business.

Do you have any specialized knowledge that might indicate the past or present use or release of such substances on the subject or nearby properties? Yes No

4. **Fair Market Value (FMV).** A purchase price significantly below FMV may indicate an environmental problem. Please note that this question does not require an appraisal of the property. If the price is significantly below FMV, the User should consider whether it might be because contamination may be present at the property.

Is the purchase price significantly below fair market value? Yes No

5. **Obvious Indicators.** This involves past or present spills, stains, releases, cleanups, etc. on or near the site.

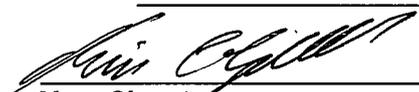
Do you know of any obvious indicators of possible contamination on or near the site? Yes No

6. **Common Knowledge.** Please use a separate sheet if necessary.

a. Describe the past uses of the property: Vineyard

b. Describe any specific chemicals that may have been present at the property: Unknown

c. Describe any other information that may help us identify possible contamination: _____


 Your Signature

4/12/10
 Date

of separate sheets attached: _____
 Explain Yes answers on a separate sheet.

Appendix C
Aerial Photographs, Topographic
Maps, Sanborn No Coverage
Certificate, City Directory
Report, EDR Database Search
Results



Sasaki Property

22333 8th Street E

Sonoma, CA 95476

Inquiry Number: 2725387.5

March 22, 2010

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography March 22, 2010

Target Property:

22333 8th Street E

Sonoma, CA 95476

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1953	Aerial Photograph. Scale: 1"=555'	Flight Year: 1953	Pacific Air
1965	Aerial Photograph. Scale: 1"=333'	Flight Year: 1965	Cartwright
1975	Aerial Photograph. Scale: 1"=533'	Flight Year: 1975	NASA
1982	Aerial Photograph. Scale: 1"=690'	Flight Year: 1982	USGS
1993	Aerial Photograph. Scale: 1"=666'	Flight Year: 1993	USGS
1998	Aerial Photograph. Scale: 1"=666'	Flight Year: 1998	USGS
2005	Aerial Photograph. 1" = 604'	Flight Year: 2005	EDR



INQUIRY #: 2725387.5

YEAR: 1953

|—————| = 555'





INQUIRY #: 2725387.5

YEAR: 1965

| = 333'





INQUIRY #: 2725387.5

YEAR: 1975

 = 533'





INQUIRY #: 2725387.5

YEAR: 1982

| = 690'





INQUIRY #: 2725387.5

YEAR: 1993

 = 666'





INQUIRY #: 2725387.5

YEAR: 1998

| = 666'





INQUIRY #: 2725387.5

YEAR: 2005

Scale: 604'





Sasaki Property

22333 8th Street E
Sonoma, CA 95476

Inquiry Number: 2725387.4

March 22, 2010

The EDR Historical Topographic Map Report

EDR Historical Topographic Map Report

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

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

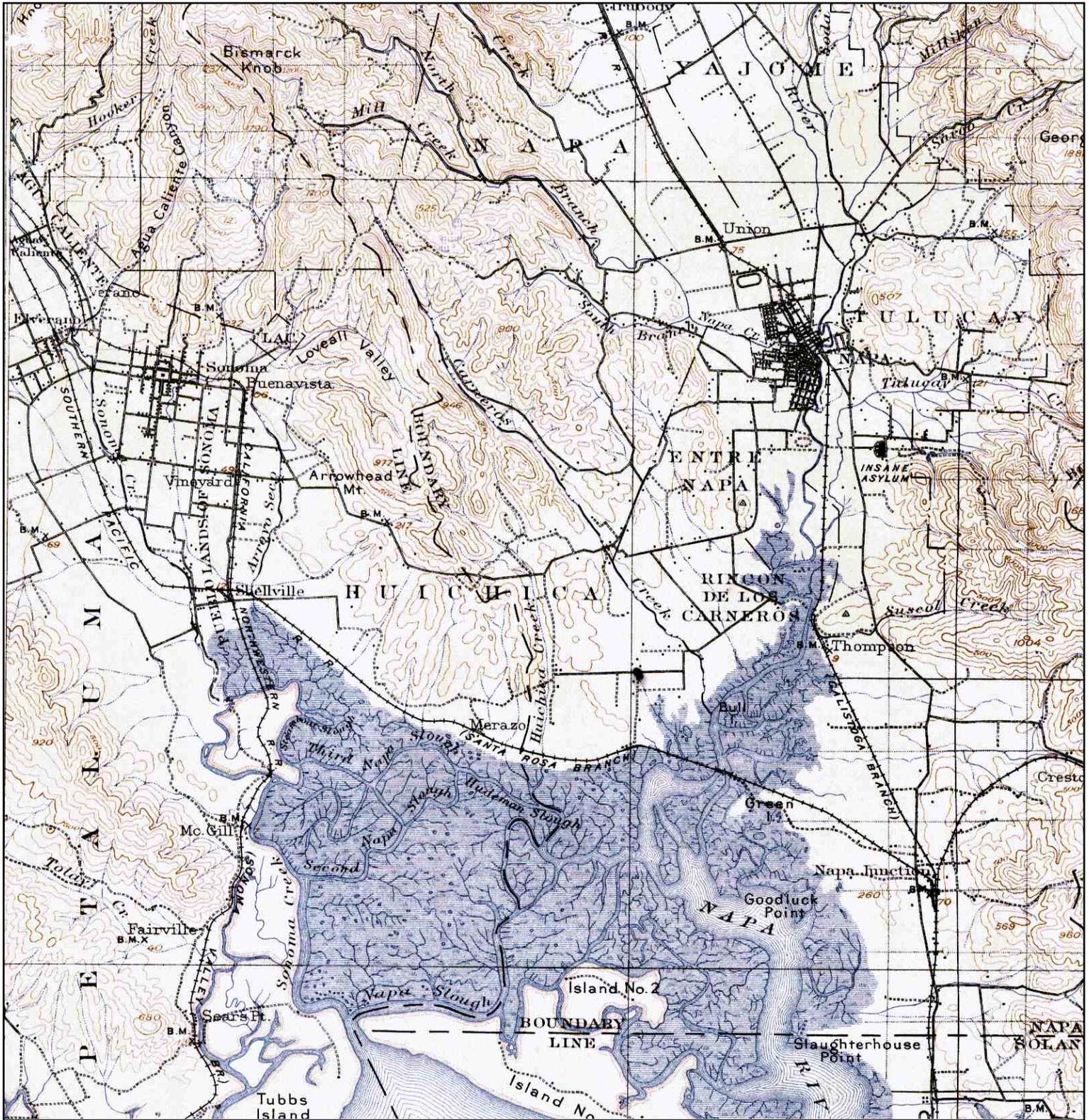
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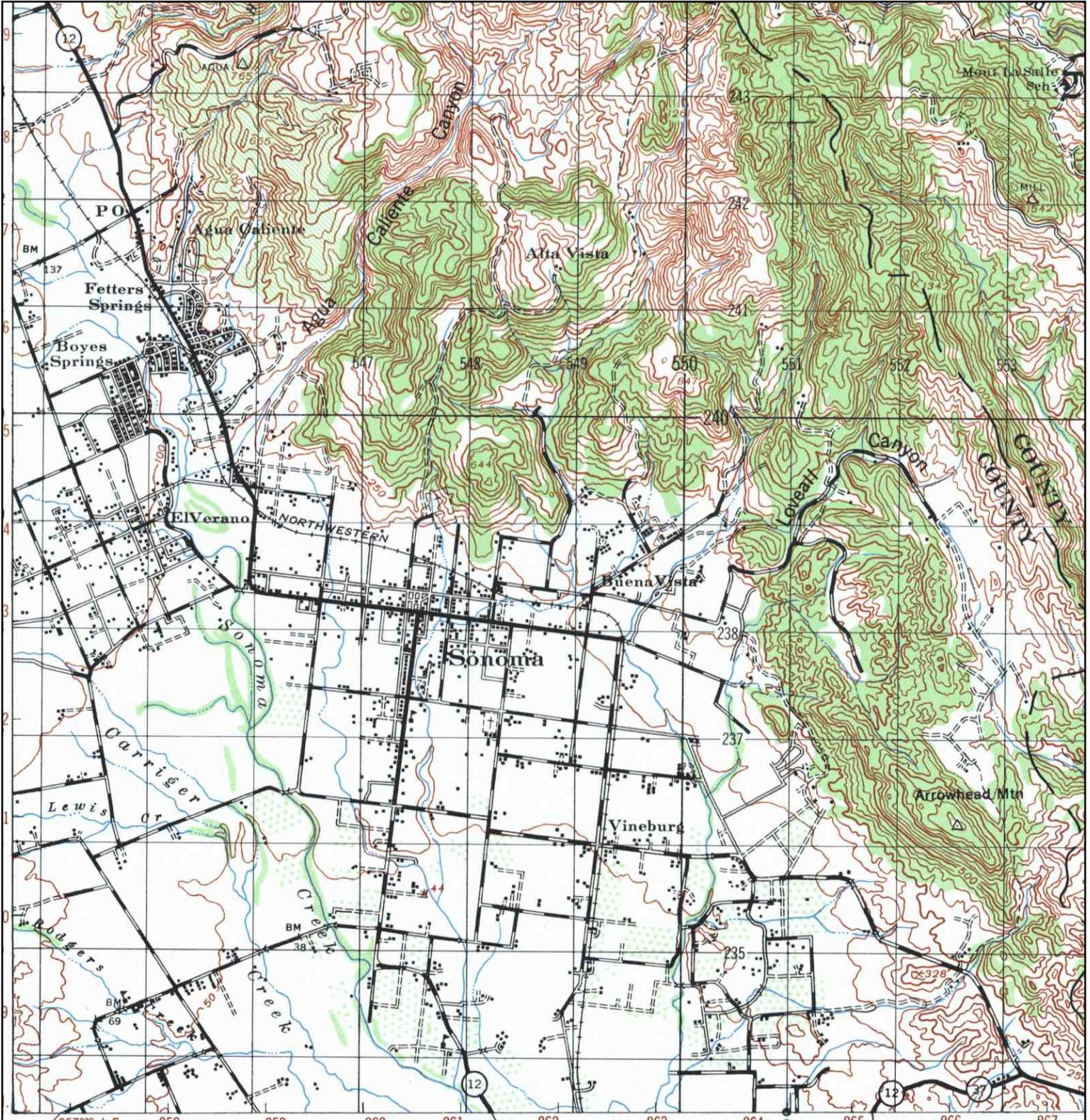
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Historical Topographic Map



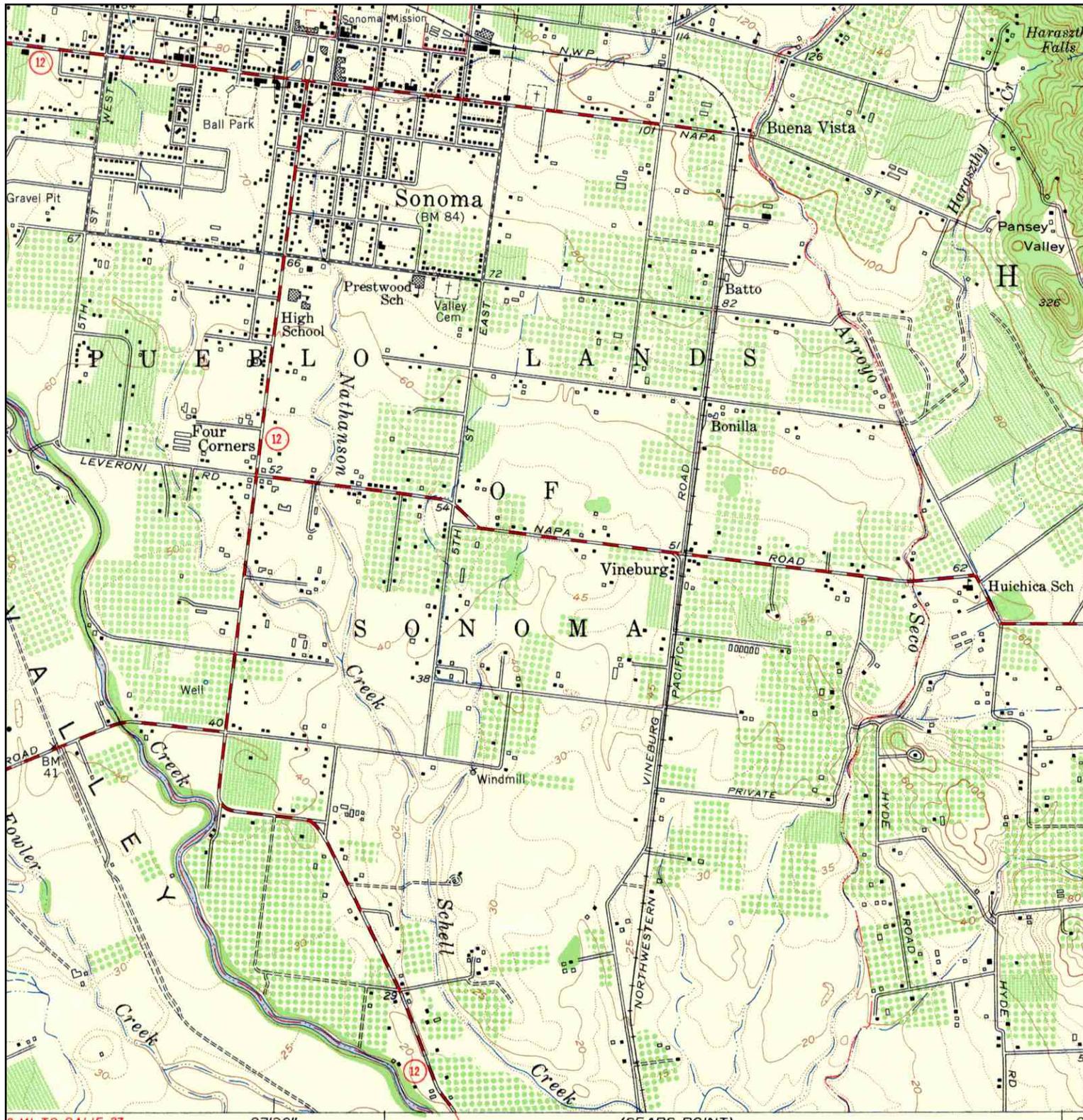
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	<p>SERIES: 30</p> <p>SCALE: 1:125000</p>		

Historical Topographic Map



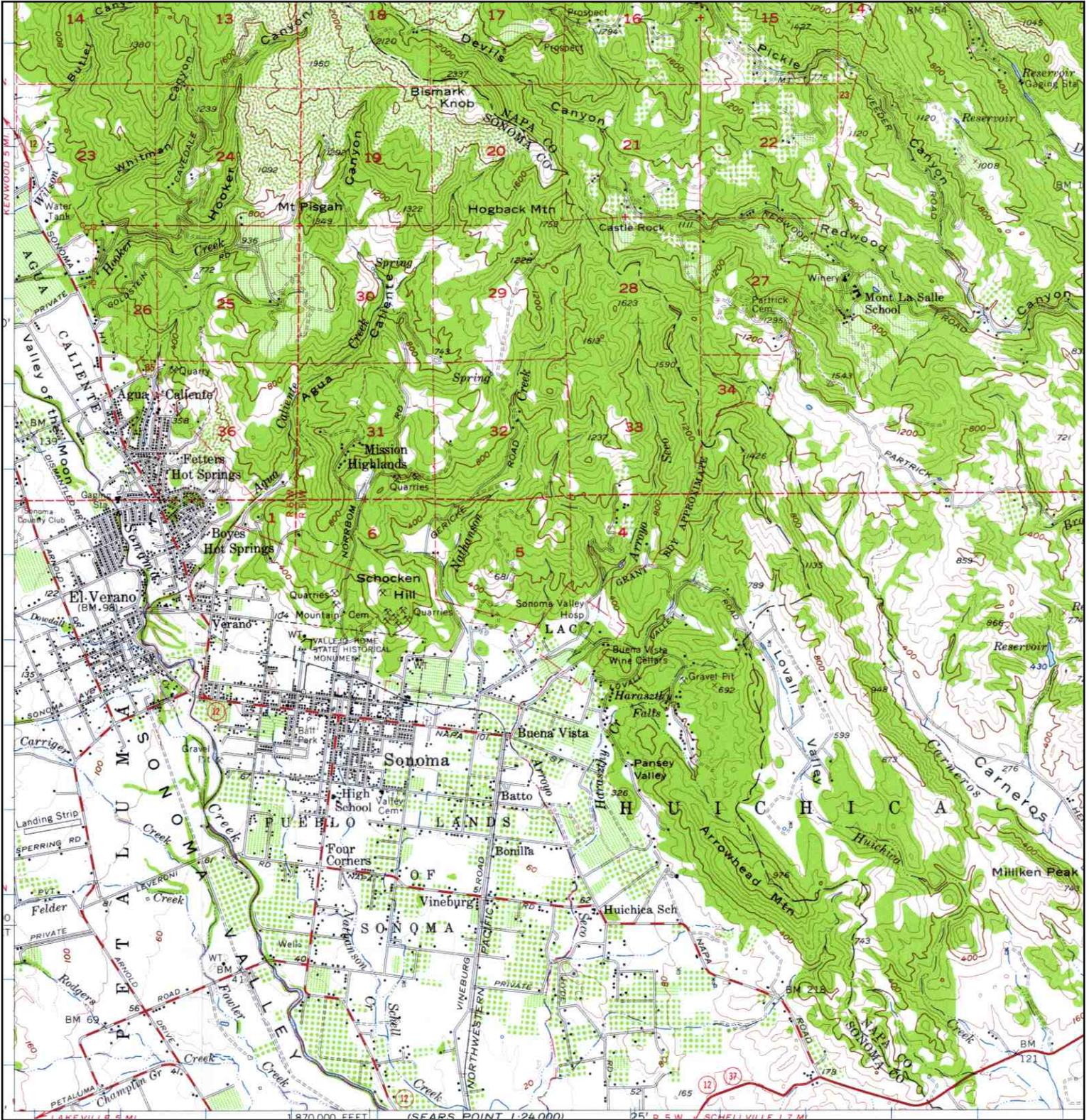
<p>N ↑</p>	<p>TARGET QUAD NAME: SONOMA MAP YEAR: 1942</p>	<p>SITE NAME: Sasaki Property ADDRESS: 22333 8th Street E Sonoma, CA 95476 LAT/LONG: 38.2543 / 122.4454</p>	<p>CLIENT: ERM - West, Inc. CONTACT: Peter Baty INQUIRY#: 2725387.4 RESEARCH DATE: 03/22/2010</p>
	<p>SERIES: 15 SCALE: 1:50000</p>		

Historical Topographic Map



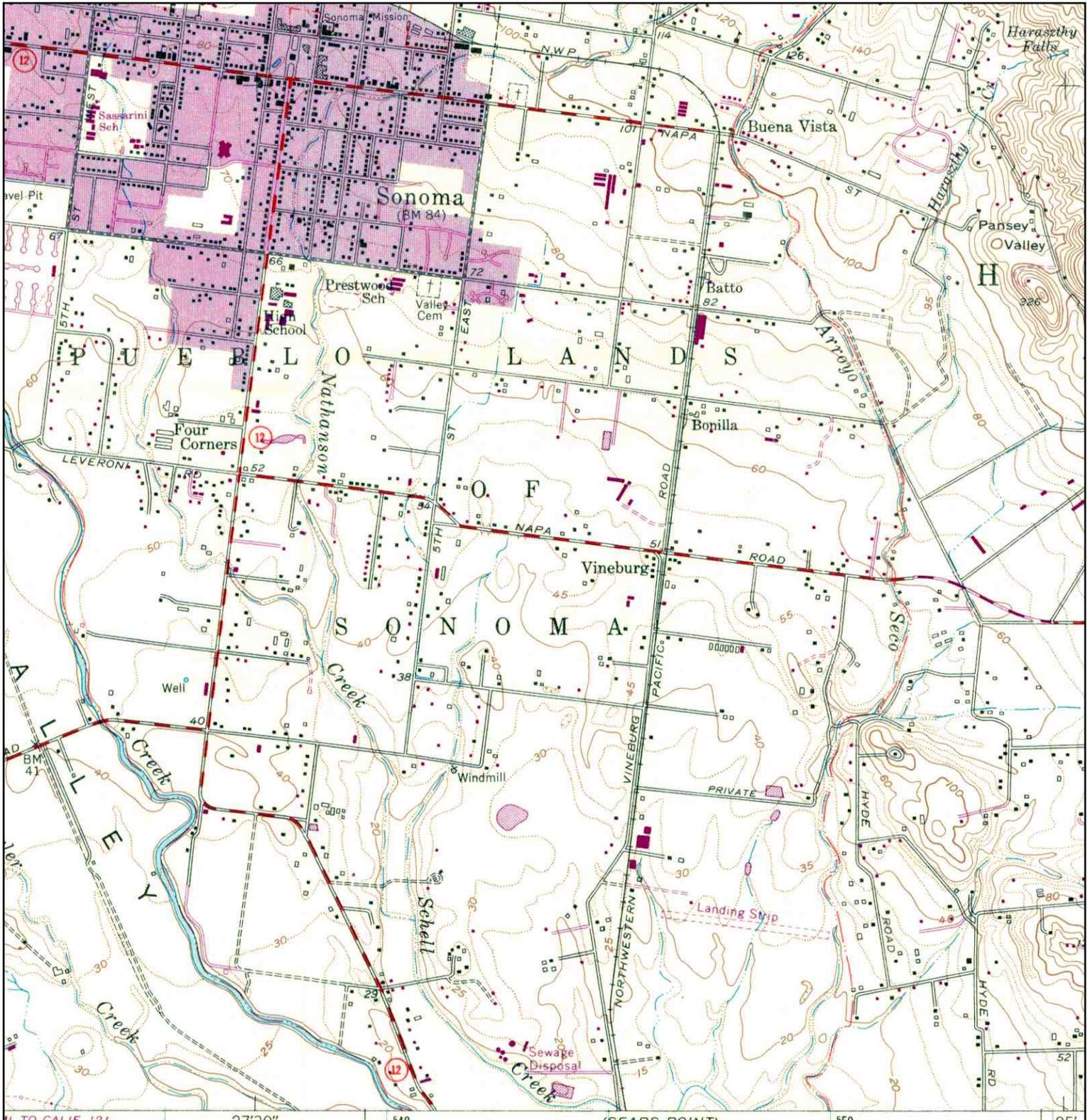
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	<p>SERIES: 7.5 SCALE: 1:24000</p>		

Historical Topographic Map



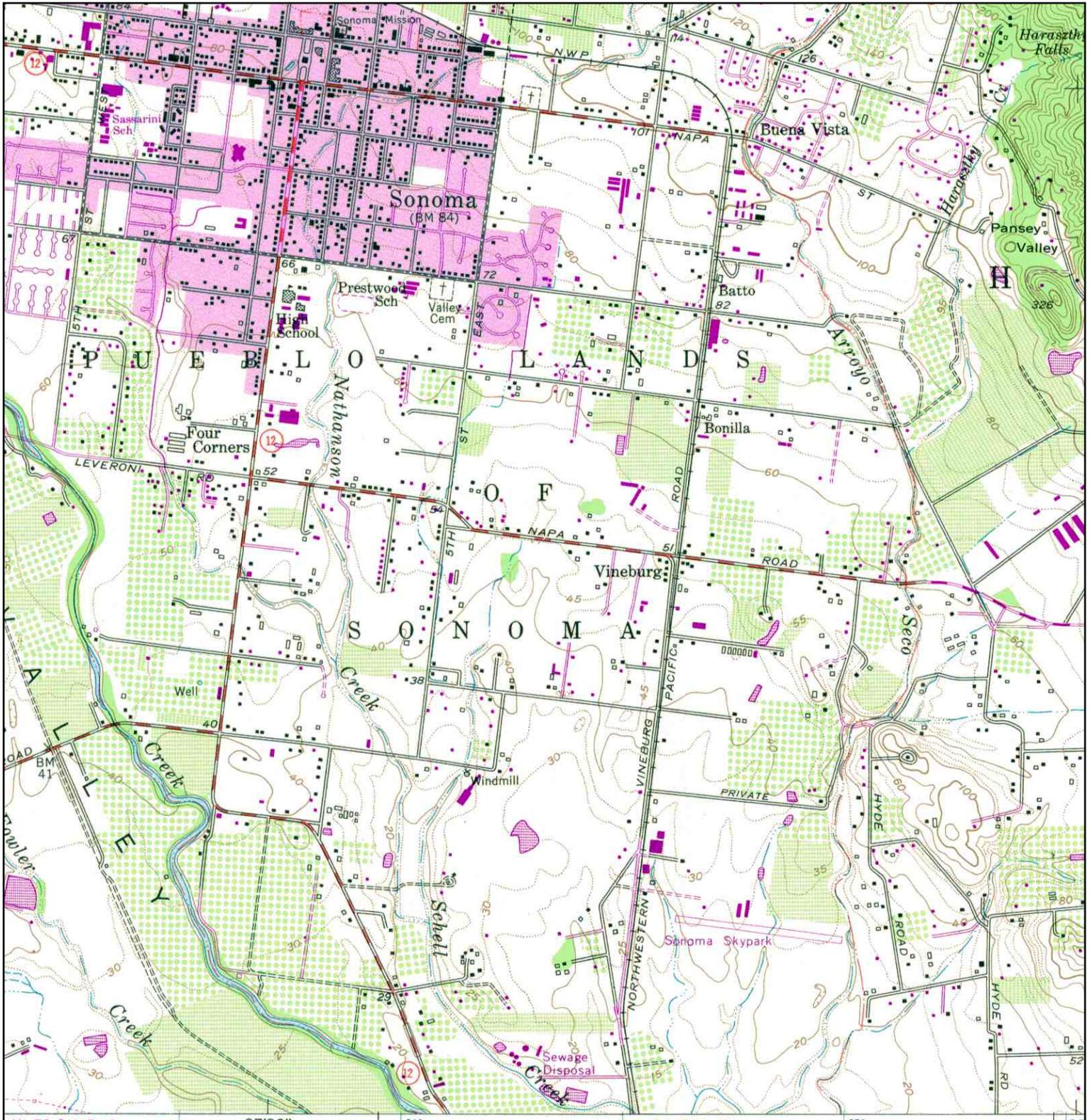
<p>N</p>	TARGET QUAD	SITE NAME:	Sasaki Property	CLIENT:	ERM - West, Inc.
	NAME: SONOMA	ADDRESS:	22333 8th Street E	CONTACT:	Peter Baty
	MAP YEAR: 1951	LAT/LONG:	38.2543 / 122.4454	INQUIRY#:	2725387.4
	SERIES: 15			RESEARCH DATE:	03/22/2010
	SCALE: 1:62500				

Historical Topographic Map



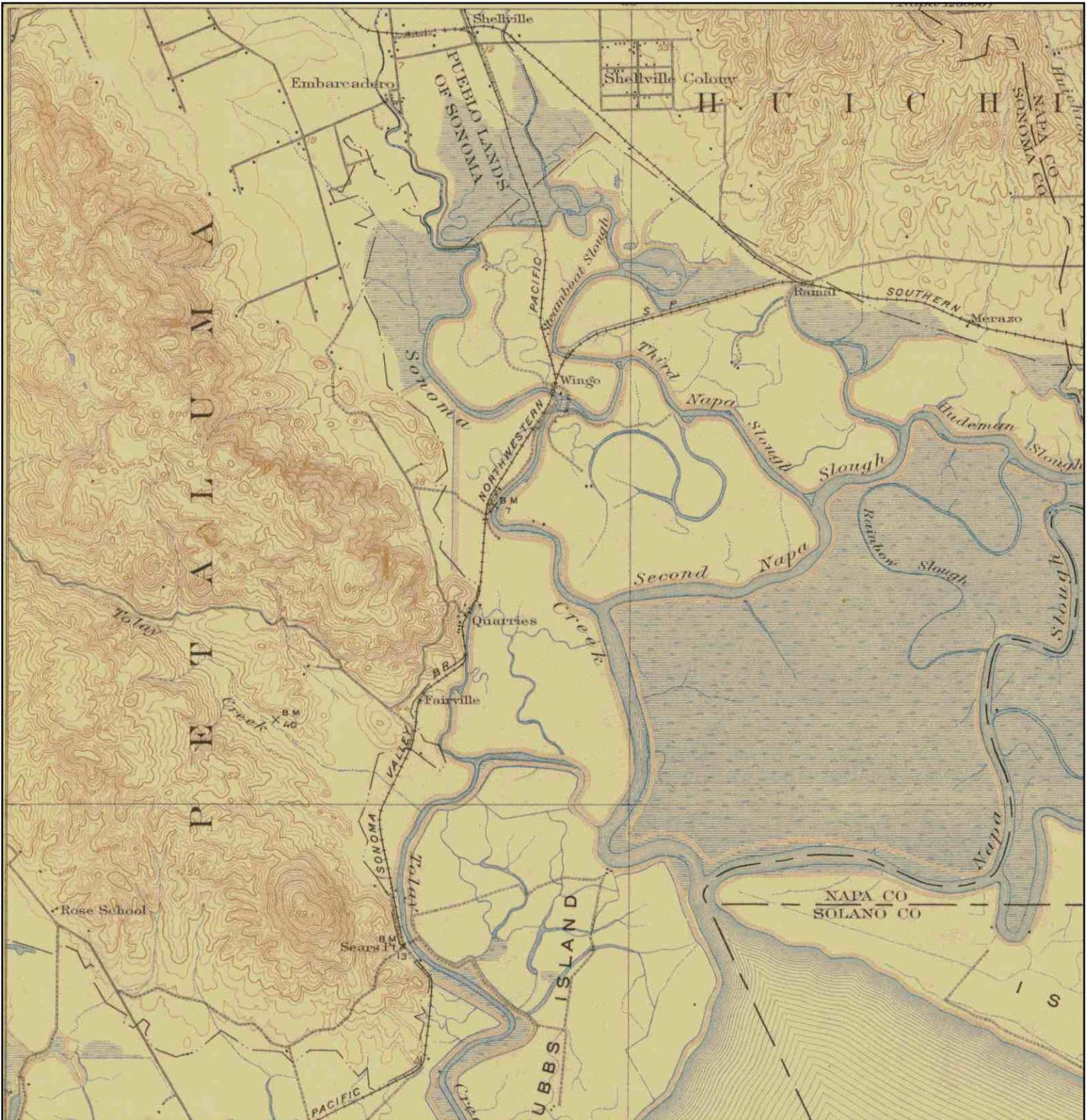
<p>N ↑</p>	TARGET QUAD	SITE NAME:	Sasaki Property	CLIENT:	ERM - West, Inc.
	NAME: SONOMA	ADDRESS:	22333 8th Street E	CONTACT:	Peter Baty
	MAP YEAR: 1968		Sonoma, CA 95476	INQUIRY#:	2725387.4
	PHOTOREVISED FROM: 1951	LAT/LONG:	38.2543 / 122.4454	RESEARCH DATE:	03/22/2010
	SERIES: 7.5				
	SCALE: 1:24000				

Historical Topographic Map



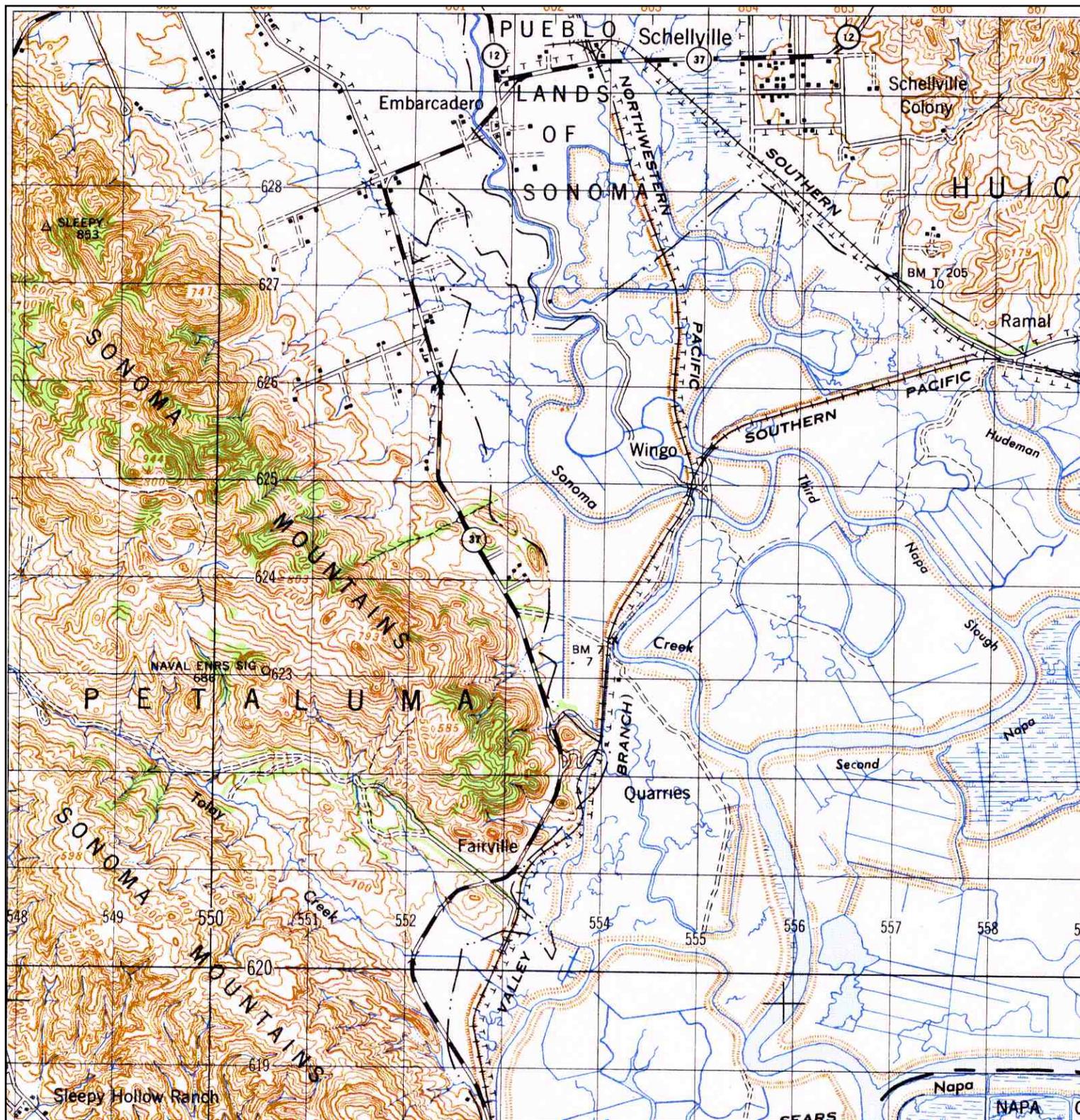
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	NAME: SONOMA	ADDRESS:	22333 8th Street E	CONTACT:	Peter Baty
	MAP YEAR: 1980		Sonoma, CA 95476	INQUIRY#:	2725387.4
	PHOTOREVISED FROM: 1951	LAT/LONG:	38.2543 / 122.4454	RESEARCH DATE:	03/22/2010
	SERIES: 7.5				
	SCALE: 1:24000				

Historical Topographic Map



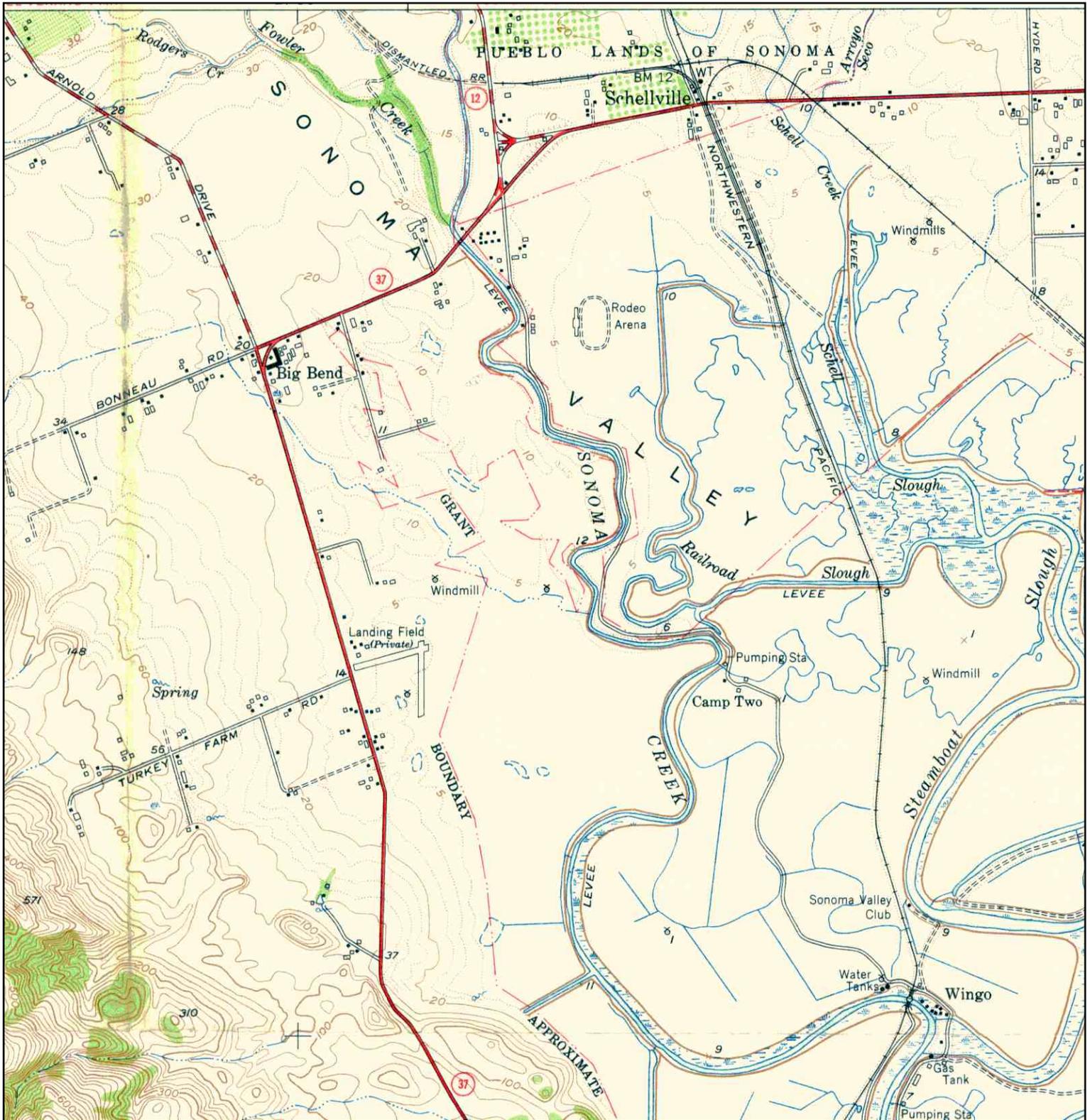
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Historical Topographic Map



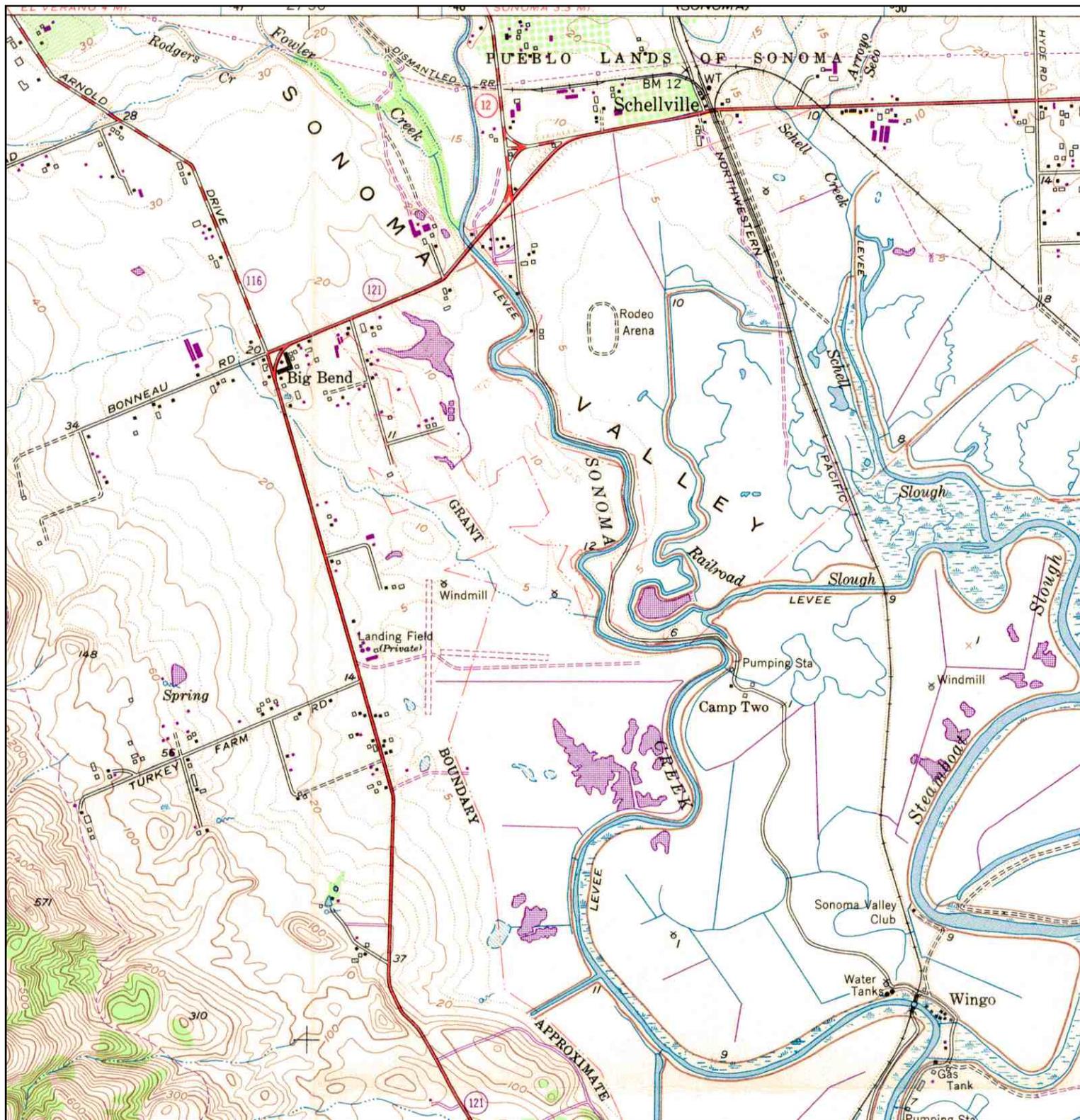
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	SERIES: 15 SCALE: 1:50000		

Historical Topographic Map



<p>N ↑</p>	ADJOINING QUAD	SITE NAME:	Sasaki Property	CLIENT:	ERM - West, Inc.
	NAME: SEARS POINT	ADDRESS:	22333 8th Street E	CONTACT:	Peter Baty
	MAP YEAR: 1951	LAT/LONG:	Sonoma, CA 95476	INQUIRY#:	2725387.4
	PHOTOREVISED FROM: 1951			RESEARCH DATE:	03/22/2010
	SERIES: 7.5				
	SCALE: 1:24000				

Historical Topographic Map



	ADJOINING QUAD	SITE NAME:	Sasaki Property	CLIENT:	ERM - West, Inc.
	NAME: SEARS POINT	ADDRESS:	22333 8th Street E	CONTACT:	Peter Baty
	MAP YEAR: 1968	LAT/LONG:	Sonoma, CA 95476	INQUIRY#:	2725387.4
	PHOTOREVISED FROM: 1951			RESEARCH DATE:	03/22/2010
	SERIES: 7.5				
	SCALE: 1:24000				



Sasaki Property

22333 8th Street E
Sonoma, CA 95476

Inquiry Number: 2725387.3

March 22, 2010

Certified Sanborn® Map Report

Certified Sanborn® Map Report

3/22/10

Site Name:

Sasaki Property
22333 8th Street E
Sonoma, CA 95476

Client Name:

ERM - West, Inc.
1277 Treat Blvd
Walnut Creek, CA 94597



EDR Inquiry # 2725387.3

Contact: Peter Baty

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by ERM - West, 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 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: Sasaki Property
Address: 22333 8th Street E
City, State, Zip: Sonoma, CA 95476
Cross Street:
P.O. # 0112574
Project: Sasaki Property
Certification # 0CA0-4AD3-B7FD



Sanborn® Library search results
Certification # 0CA0-4AD3-B7FD

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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Sasaki Property

22333 8th Street E
Sonoma, CA 95476

Inquiry Number: 2725387.6
March 24, 2010

The EDR-City Directory Abstract

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

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

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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2009 Enhancements to EDR City Directory Abstract

New for 2009, the EDR City Directory Abstract has been enhanced with additional information and features. These enhancements will make your city directory research process more efficient, flexible, and insightful than ever before. The enhancements will improve the options for selecting adjoining properties, and will speed up your review of the report.

City Directory Report. Three important enhancements have been made to the EDR City Directory Abstract:

1. *Executive Summary.* The report begins with an Executive Summary that lists the sources consulted in the preparation of the report. Where available, a parcel map is also provided within the report, showing the locations of properties researched.
2. *Page Images.* Where available, the actual page source images will be included in the Appendix, so that you can review them for information that may provide additional insight. EDR has copyright permission to include these images.
3. *Findings Listed by Location.* Another useful enhancement is that findings are now grouped by address. This will significantly reduce the time you need to review your abstracts. Findings are provided under each property address, listed in reverse chronological order and referencing the source for each entry.

Options for Selecting Adjoining Properties. Ensuring that the right adjoining property addresses are searched is one of the biggest challenges that environmental professionals face when conducting city directory historical research. EDR's new enhancements make it easier for you to meet this challenge. Now, when you place an order for the EDR City Directory Abstract, you have the following choices for determining which addresses should be researched.

1. *You Select Addresses and EDR Selects Addresses.* Use the "Add Another Address" feature to specify the addresses you want researched. Your selections will be supplemented by addresses selected by EDR researchers using our established research methods. Where available, a digital map will be shown, indicating property lines overlaid on a color aerial photo and their corresponding addresses. Simply use the address list below the map to check off which properties shown on the map you want to include. You may also select other addresses using the "Add Another Address" feature at the bottom of the list.
2. *EDR Selects Addresses.* Choose this method if you want EDR's researchers to select the addresses to be researched for you, using our established research methods.
3. *You Select Addresses.* Use this method for research based solely on the addresses you select or enter into the system.
4. *Hold City Directory Research Option.* If you choose to select your own adjoining addresses, you may pause production of your EDR City Directory Abstract report until you have had a chance to look at your other EDR reports and sources. Sources for property addresses include: your Certified Sanborn Map Report may show you the location of property addresses; the new EDR Property Tax Map Report may show the location of property addresses; and your field research can supplement these sources with additional address information. To use this capability, simply click "Hold City Directory research" box under "Other Options" at the bottom of the page. Once you have determined what addresses you want researched, go to your EDR Order Status page, select the EDR City Directory Abstract, and enter the addresses and submit for production.

Questions? Contact your EDR representative at 800-352-0050. For more information about all of EDR's 2009 report and service enhancements, visit www.edrnet.com/2009enhancements

EXECUTIVE SUMMARY

DESCRIPTION

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

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2008	Haines Criss-Cross Directory	-	X	X	-
2000	Haines Criss-Cross Directory	-	X	X	-
1995	Haines Criss-Cross Directory	-	X	X	-
1989	Haines Criss-Cross Directory	-	X	X	-
1983	Haines Criss-Cross Directory	-	X	X	-
1977	Haines Criss-Cross Directory	-	X	X	-
1972	Haines Criss-Cross Directory	-	X	X	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

22333 8th Street E
Sonoma, CA 95476

FINDINGS DETAIL

Target Property research detail.

No Addresses Found

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

8th Street E

8th Street E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	No other addresses (22200-22499) block 8th Street E	Haines Criss-Cross Directory
2000	No other addresses (22200-22499) block 8th Street E	Haines Criss-Cross Directory
1995	No other addresses (22200-22499) block 8th Street E	Haines Criss-Cross Directory
1989	No other addresses (22200-22499) block 8th Street E	Haines Criss-Cross Directory
1983	No other addresses (22200-22499) block 8th Street E	Haines Criss-Cross Directory
1977	No other addresses (22200-22499) block 8th Street E	Haines Criss-Cross Directory
1972	No other addresses (22200-22499) block 8th Street E	Haines Criss-Cross Directory

22397 8th Street E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	No Return	Haines Criss-Cross Directory
1995	No Return	Haines Criss-Cross Directory
1989	No Return	Haines Criss-Cross Directory
1983	Residential	Haines Criss-Cross Directory
1977	Residential	Haines Criss-Cross Directory

22401 8th Street E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Residential	Haines Criss-Cross Directory
1989	Residential	Haines Criss-Cross Directory
1983	Residential	Haines Criss-Cross Directory
1977	Residential	Haines Criss-Cross Directory
1972	Residential	Haines Criss-Cross Directory

22403 8th Street E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	No Return	Haines Criss-Cross Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	No Return	Haines Criss-Cross Directory
1989	No Return	Haines Criss-Cross Directory
1983	Residential	Haines Criss-Cross Directory
1977	Residential	Haines Criss-Cross Directory
1972	Residential	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY: ADDRESS NOT LISTED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not listed in the research source.

Address Researched

22333 8th Street E

Address Not Listed in Research Source

2008, 2000, 1995, 1989, 1983, 1977, 1972

ADJOINING PROPERTY: ADDRESSES NOT LISTED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not listed in research source.

Address Researched

22397 8th Street E

Address Not Listed in Research Source

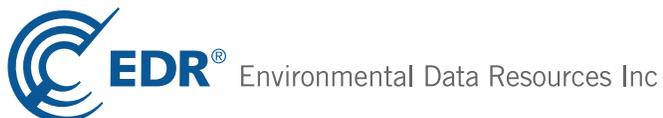
1972

Sasaki Property

22333 8th Street E
Sonoma, CA 95476

Inquiry Number: 2725387.2s
March 22, 2010

The EDR Radius Map™ Report with GeoCheck®



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

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Thank you for your business.
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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

22333 8TH STREET E
SONOMA, CA 95476

COORDINATES

Latitude (North): 38.254300 - 38° 15' 15.5"
Longitude (West): 122.445400 - 122° 26' 43.4"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 548525.2
UTM Y (Meters): 4233970.0
Elevation: 26 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 38122-C4 SONOMA, CA
Most Recent Revision: 1980

South Map: 38122-B4 SEARS POINT, CA
Most Recent Revision: 1968

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 CERCLIS NFRAP site List

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State- and tribal - equivalent CERCLIS

ENVIROSTOR..... EnviroStor Database

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

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

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

UST..... Active UST Facilities

EXECUTIVE SUMMARY

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

State and tribal voluntary cleanup sites

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

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

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

Local Land Records

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

Records of Emergency Release Reports

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

Other Ascertainable Records

RCRA-NonGen..... RCRA - Non Generators

EXECUTIVE SUMMARY

DOT OPS.....	Incident and Accident Data
DOD.....	Department of Defense Sites
FUDS.....	Formerly Used Defense Sites
CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
CA BOND EXP. PLAN.....	Bond Expenditure Plan
CA WDS.....	Waste Discharge System
NPDES.....	NPDES Permits Listing
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
DRYCLEANERS.....	Cleaner Facilities
WIP.....	Well Investigation Program Case List
HAZNET.....	Facility and Manifest Data
EMI.....	Emissions Inventory Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH DOE.....	Sleam-Electric Plan Operation Data
MWMP.....	Medical Waste Management Program Listing
PROC.....	Certified Processors Database

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

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 02/05/2010 has revealed that there are 6 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>
SONOMA SKYPARK AIRPORT Status: Completed - Case Closed	21870 8TH ST E	NE 1/4 - 1/2 (0.384 mi.)	4	9
MCGRATH RESIDENCE Status: Completed - Case Closed	21750 8TH ST E	NE 1/4 - 1/2 (0.432 mi.)	5	11
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHARDONNAY LIMOUSINE Status: Completed - Case Closed	22455 BROADWAY	WSW 1/4 - 1/2 (0.371 mi.)	1	7
VISIO INTERNATIONAL EPT Status: Completed - Case Closed	22540 BROADWAY	SW 1/4 - 1/2 (0.383 mi.)	A2	8
PRECISION ENGINEERING Status: Completed - Case Closed	22690 BROADWAY	SSW 1/4 - 1/2 (0.453 mi.)	6	12
E.K. EXCAVATING, INC. Status: Open - Remediation	22725 8TH ST E	SSE 1/4 - 1/2 (0.463 mi.)	7	18

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

A review of the SLIC list, as provided by EDR, and dated 02/05/2010 has revealed that there is 1 SLIC site 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>
R & M PRODUCTS Facility Status: Completed - Case Closed	21707 8TH ST EAST	NE 1/4 - 1/2 (0.467 mi.)	8	20

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

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 [CALSTIS].

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there

EXECUTIVE SUMMARY

are 4 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>
<i>SONOMA SKYPARK AIRPORT</i>	<i>21870 8TH ST E</i>	<i>NE 1/4 - 1/2 (0.384 mi.)</i>	<i>4</i>	<i>9</i>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CHARDONNAY LIMOUSINE</i>	<i>22455 BROADWAY</i>	<i>WSW 1/4 - 1/2 (0.371 mi.)</i>	<i>1</i>	<i>7</i>
<i>VISIO INTERNATIONAL EPT</i>	<i>22540 BROADWAY</i>	<i>SW 1/4 - 1/2 (0.383 mi.)</i>	<i>A2</i>	<i>8</i>
<i>PRECISION ENGINEERING</i>	<i>22690 BROADWAY</i>	<i>SSW 1/4 - 1/2 (0.453 mi.)</i>	<i>6</i>	<i>12</i>

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.

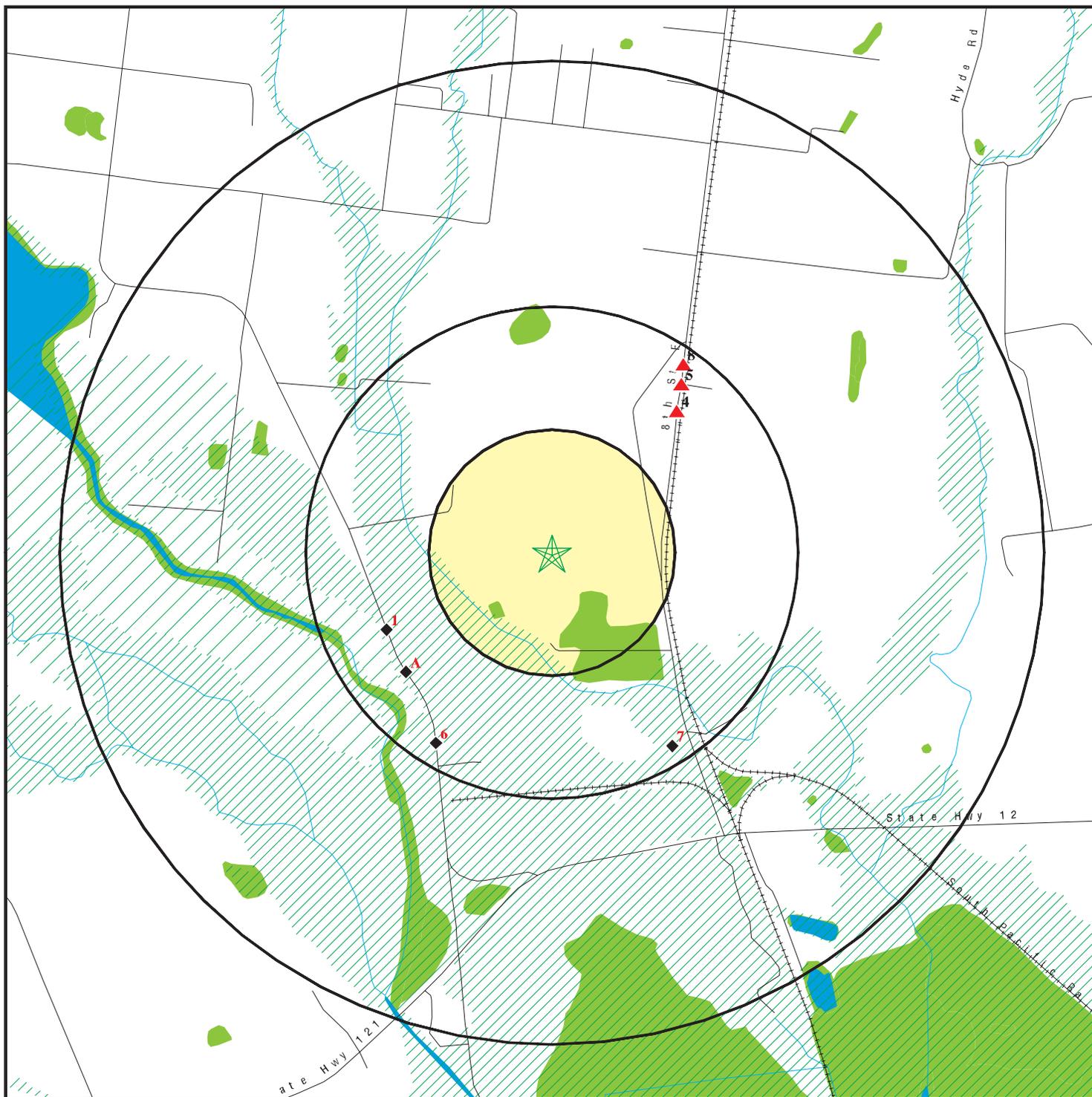
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>VISIO INTERNATIONAL</i>	<i>22540 BROADWAY</i>	<i>SW 1/4 - 1/2 (0.383 mi.)</i>	<i>A3</i>	<i>9</i>

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
ROBLAR QUARRY	CERC-NFRAP
SKAGGS ISLAND	CERC-NFRAP, RCRA-SQG, FINDS, EMI
FERRANDO'S PLUMBING & HTG	LUST
HWY 37 AND 121	RCRA-SQG, FINDS, CA WDS, SLIC,
	HAZNET
OF SCHELLVILLE	RCRA-NonGen, FINDS

OVERVIEW MAP - 2725387.2s



- ★ 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
- National Wetland Inventory

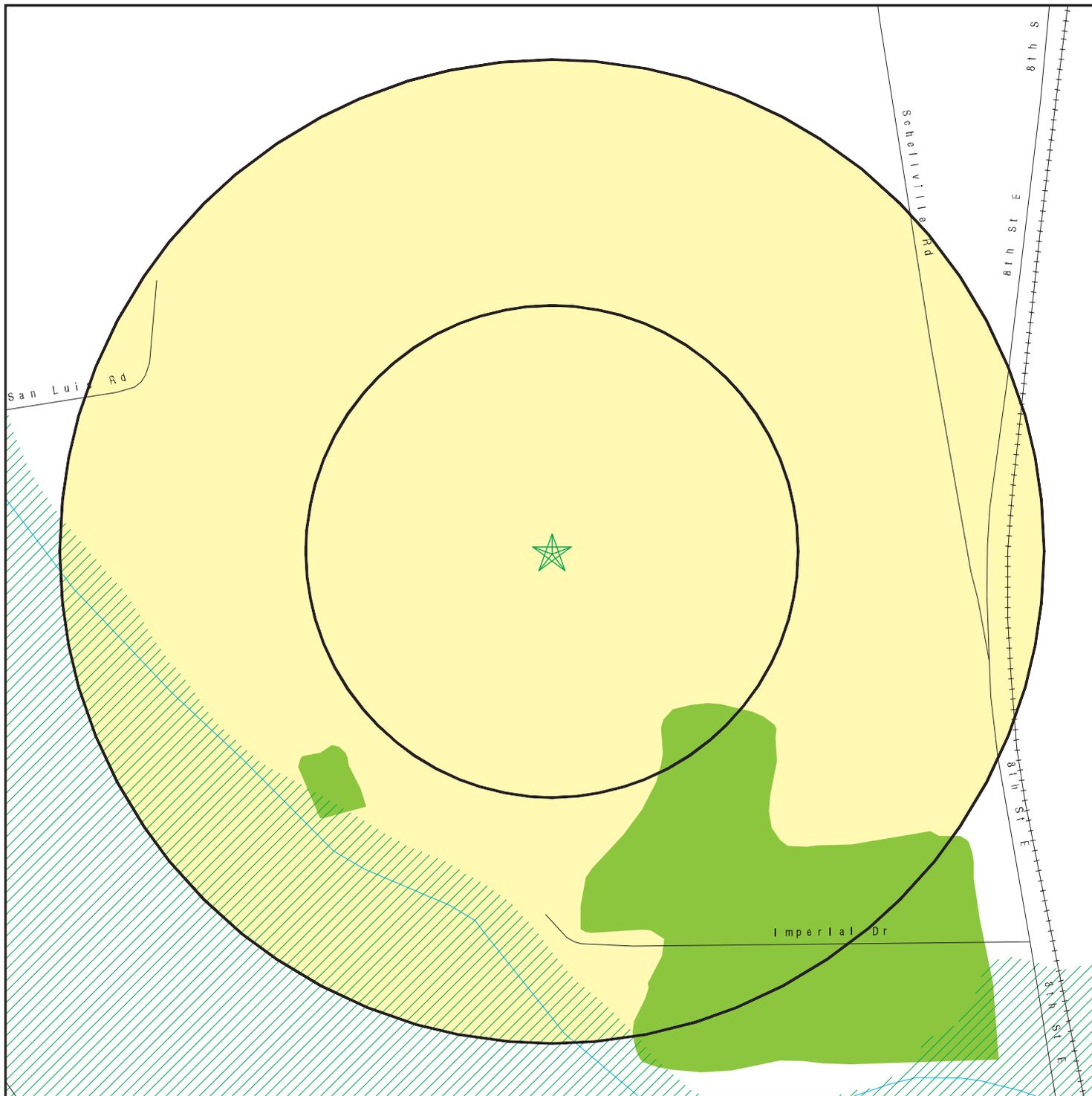
- Areas of Concern

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

SITE NAME: Sasaki Property
 ADDRESS: 22333 8th Street E
 Sonoma CA 95476
 LAT/LONG: 38.2543 / 122.4454

CLIENT: ERM - West, Inc.
 CONTACT: Peter Baty
 INQUIRY #: 2725387.2s
 DATE: March 22, 2010 9:33 am

DETAIL MAP - 2725387.2s



- ★ 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
- 🌿 National Wetland Inventory
- 🏠 Areas of Concern

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

SITE NAME: Sasaki Property
 ADDRESS: 22333 8th Street E
 Sonoma CA 95476
 LAT/LONG: 38.2543 / 122.4454

CLIENT: ERM - West, Inc.
 CONTACT: Peter Baty
 INQUIRY #: 2725387.2s
 DATE: March 22, 2010 9:34 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
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
<i>Federal Delisted NPL site list</i>								
Delisted NPL		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS		1.000	0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS		TP	NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE		1.000	0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR		1.000	0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF		0.500	0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST		0.500	0	0	6	NR	NR	6
SLIC		0.500	0	0	1	NR	NR	1

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
State and tribal registered storage tank lists								
UST		0.250	0	0	NR	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
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	0	NR	NR	0
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
Local Lists of Hazardous waste / Contaminated Sites								
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
Local Lists of Registered Storage Tanks								
CA FID UST		0.250	0	0	NR	NR	NR	0
HIST UST		0.250	0	0	NR	NR	NR	0
SWEEPS UST		0.250	0	0	NR	NR	NR	0
Local Land Records								
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
Records of Emergency Release Reports								
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
Other Ascertainable Records								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN		1.000	0	0	0	0	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
Cortese		0.500	0	0	0	NR	NR	0
HIST CORTESE		0.500	0	0	4	NR	NR	4
Notify 65		1.000	0	0	1	0	NR	1
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
HAZNET		TP	NR	NR	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
HWP		1.000	0	0	0	0	NR	0
HWT		0.250	0	0	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
MWMP		0.250	0	0	NR	NR	NR	0
PROC		0.500	0	0	0	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants		1.000	0	0	0	0	NR	0
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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 ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1
WSW
1/4-1/2
0.371 mi.
1957 ft.

CHARDONNAY LIMOUSINE
22455 BROADWAY
SONOMA, CA 95476

HIST CORTESE **S102426534**
LUST **N/A**

Relative:
Lower

CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 49-0026

Actual:
22 ft.

LUST:

Region: STATE
Global Id: T0609700796
Latitude: 38.250436711
Longitude: -122.4508045
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1991-01-09 00:00:00
Lead Agency: SONOMA COUNTY LOP
Case Worker: Not reported
Local Agency: SONOMA COUNTY LOP
RB Case Number: 49-0026
LOC Case Number: 00002370
File Location: Stored electronically as an E-file
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST REG 2:

Region: 2
Facility Id: 49-0026
Facility Status: Case Closed
Case Number: 00002370
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SONOMA CO. LUST:

Region: SONOMA
Regional Board: 49-0026
Closed or Referred: Y
Date: 1/9/1991
LOP Number: 00002370
Funding Fed / State: Federal
Staff: Not reported
Global ID: T0609700796

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A2 **VISIO INTERNATIONAL EPT**
SW **22540 BROADWAY**
1/4-1/2 **SONOMA, CA 95476**
0.383 mi.
2022 ft. **Site 1 of 2 in cluster A**

HIST CORTESE **S102439559**
LUST **N/A**

Relative: **CORTESE:**
Lower Region: **CORTESE**
 Facility County Code: **49**
Actual: Reg By: **LTNKA**
22 ft. Reg Id: **49-0209**

LUST:
 Region: **STATE**
 Global Id: **T0609700970**
 Latitude: **0**
 Longitude: **0**
 Case Type: **LUST Cleanup Site**
 Status: **Completed - Case Closed**
 Status Date: **1992-04-13 00:00:00**
 Lead Agency: **SAN FRANCISCO BAY RWQCB (REGION 2)**
 Case Worker: **Not reported**
 Local Agency: **SONOMA COUNTY LOP**
 RB Case Number: **49-0209**
 LOC Case Number: **00002371**
 File Location: **Not reported**
 Potential Media Affect: **Aquifer used for drinking water supply**
 Potential Contaminants of Concern: **Diesel**
 Site History: **Not reported**

LUST REG 2:
 Region: **2**
 Facility Id: **49-0209**
 Facility Status: **Case Closed**
 Case Number: **00002371**
 How Discovered: **Tank Closure**
 Leak Cause: **Structure Failure**
 Leak Source: **Tank**
 Date Leak Confirmed: **Not reported**
 Oversight Program: **LUST**
 Prelim. Site Assesment Wokplan Submitted: **Not reported**
 Preliminary Site Assesment Began: **3/20/1989**
 Pollution Characterization Began: **Not reported**
 Pollution Remediation Plan Submitted: **Not reported**
 Date Remediation Action Underway: **Not reported**
 Date Post Remedial Action Monitoring Began: **Not reported**

SONOMA CO. LUST:
 Region: **SONOMA**
 Regional Board: **49-0209**
 Closed or Referred: **Referred**
 Date: **4/13/1992**
 LOP Number: **00002371**
 Funding Fed / State: **Federal**
 Staff: **Not reported**
 Global ID: **T0609700970**

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

A3
SW
1/4-1/2
0.383 mi.
2022 ft.

VISIO INTERNATIONAL
22540 BROADWAY
SONOMA, CA 95476

Site 2 of 2 in cluster A

SWEEPS UST **S100225835**
Notify 65 **N/A**

Relative:
Lower

SWEEPS UST:
Status: A
Comp Number: 2371
Number: 9
Board Of Equalization: 44-028001
Ref Date: Not reported
Act Date: 10-05-89
Created Date: 03-31-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 49-000-002371-000001
Actv Date: 10-05-89
Capacity: 1
Tank Use: UNKNOWN
Stg: P
Content: UNKNOWN
Number Of Tanks: 2

Actual:
22 ft.

Status: A
Comp Number: 2371
Number: 9
Board Of Equalization: 44-028001
Ref Date: Not reported
Act Date: 10-05-89
Created Date: 03-31-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 49-000-002371-000002
Actv Date: 10-05-89
Capacity: 1
Tank Use: UNKNOWN
Stg: P
Content: UNKNOWN
Number Of Tanks: Not reported

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: 93771

4
NE
1/4-1/2
0.384 mi.
2027 ft.

SONOMA SKYPARK AIRPORT
21870 8TH ST E
SONOMA, CA 95476

HIST CORTESE **S102437740**
LUST **N/A**

Relative:
Higher

CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA

Actual:
28 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SONOMA SKYPARK AIRPORT (Continued)

S102437740

Reg Id: 49-0173

LUST:

Region: STATE
Global Id: T0609700936
Latitude: 38.2680438
Longitude: -122.4392392
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1996-05-15 00:00:00
Lead Agency: SONOMA COUNTY LOP
Case Worker: Not reported
Local Agency: SONOMA COUNTY LOP
RB Case Number: 49-0173
LOC Case Number: 00002643
File Location: Stored electronically as an E-file
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST REG 2:

Region: 2
Facility Id: 49-0173
Facility Status: Case Closed
Case Number: 00002643
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 3/2/1992
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: 1/3/1965
Date Post Remedial Action Monitoring Began: Not reported

SONOMA CO. LUST:

Region: SONOMA
Regional Board: 49-0173
Closed or Referred: Y
Date: 5/15/1996
LOP Number: 00002643
Funding Fed / State: Federal
Staff: Not reported
Global ID: T0609700936

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

5
NE
1/4-1/2
0.432 mi.
2281 ft.

MCGRATH RESIDENCE
21750 8TH ST E
SONOMA, CA 95476

LUST S104405113
N/A

Relative:
Higher

LUST:

Actual:
28 ft.

Region: STATE
Global Id: T0609792766
Latitude: 38.2680438
Longitude: -122.4392392
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 2000-08-10 00:00:00
Lead Agency: SONOMA COUNTY LOP
Case Worker: Not reported
Local Agency: SONOMA COUNTY LOP
RB Case Number: 49-0299
LOC Case Number: 00024034
File Location: Stored electronically as an E-file
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline, Diesel
Site History: Not reported

LUST REG 2:

Region: 2
Facility Id: 49-0299
Facility Status: Case Closed
Case Number: 00024034
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 5/17/2000
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: 1/3/1965
Date Post Remedial Action Monitoring Began: Not reported

SONOMA CO. LUST:

Region: SONOMA
Regional Board: 49-0299
Closed or Referred: Y
Date: 8/10/2000
LOP Number: 00024034
Funding Fed / State: Federal
Staff: Not reported
Global ID: T0609792766

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

6
SSW
1/4-1/2
0.453 mi.
2390 ft.

PRECISION ENGINEERING
22690 BROADWAY
SONOMA, CA 95476

HIST CORTESE
LUST
HIST UST
HAZNET
EMI

U001610858
N/A

Relative:
Lower

CORTESE:
Region: CORTESE
Facility County Code: 49
Reg By: LTNKA
Reg Id: 49-0133

Actual:
21 ft.

LUST:
Region: STATE
Global Id: T0609700897
Latitude: 38.268591
Longitude: -122.4614718
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1993-07-30 00:00:00
Lead Agency: SONOMA COUNTY LOP
Case Worker: Not reported
Local Agency: SONOMA COUNTY LOP
RB Case Number: 49-0133
LOC Case Number: 00001774
File Location: Stored electronically as an E-file
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST REG 2:
Region: 2
Facility Id: 49-0133
Facility Status: Case Closed
Case Number: 00001774
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 6/30/1992
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SONOMA CO. LUST:
Region: SONOMA
Regional Board: 49-0133
Closed or Referred: Y
Date: 7/30/1993
LOP Number: 00001774
Funding Fed / State: Federal
Staff: Not reported
Global ID: T0609700897

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRECISION ENGINEERING (Continued)

U001610858

HIST UST:

Region: STATE
Facility ID: 00000064138
Facility Type: Other
Other Type: ENGINEERING
Total Tanks: 0001
Contact Name: PIER P. GAMBIRASI
Telephone: 7079383343
Owner Name: PIER P. & NORMAN I. GAMBIRASI
Owner Address: 19125 7TH ST. EAST
Owner City,St,Zip: SONOMA, CA 95476

Tank Num: 001
Container Num: 1
Year Installed: 1980
Tank Capacity: 00000300
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: 3/16 inches
Leak Detection: Visual

HAZNET:

Gepaid: CAL000089852
Contact: FRED DANIELE
Telephone: 7079380768
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 22690 BROADWAY
Mailing City,St,Zip: SONOMA, CA 954768217
Gen County: Sonoma
TSD EPA ID: CA0000084517
TSD County: Sonoma
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: 0.69
Facility County: Sonoma

Gepaid: CAL000089852
Contact: FRED DANIELE
Telephone: 7079380768
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 22690 BROADWAY
Mailing City,St,Zip: SONOMA, CA 954768217
Gen County: Sonoma
TSD EPA ID: CA0000084517
TSD County: Sonoma
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Not reported
Tons: 0.07
Facility County: Sonoma

Gepaid: CAL000089852
Contact: FRED DANIELE
Telephone: 7079380768
Facility Addr2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRECISION ENGINEERING (Continued)

U001610858

Mailing Name: Not reported
Mailing Address: 22690 BROADWAY
Mailing City,St,Zip: SONOMA, CA 954768217
Gen County: Sonoma
TSD EPA ID: CA0000084517
TSD County: Sonoma
Waste Category: Not reported
Disposal Method: Transfer Station
Tons: Not reported
Facility County: Sonoma

Gepaid: CAL000089852
Contact: FRED DANIELE
Telephone: 7079380768
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 22690 BROADWAY
Mailing City,St,Zip: SONOMA, CA 954768217
Gen County: Sonoma
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H141
Tons: 0.67
Facility County: Sonoma

Gepaid: CAL000089852
Contact: FRED DANIELE
Telephone: 7079380768
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 22690 BROADWAY
Mailing City,St,Zip: SONOMA, CA 954768217
Gen County: Sonoma
TSD EPA ID: TXD077603371
TSD County: 99
Waste Category: Other organic solids
Disposal Method: H141
Tons: 0.13
Facility County: Sonoma

[Click this hyperlink](#) while viewing on your computer to access
5 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:

Year: 1990
County Code: 49
Air Basin: SF
Facility ID: 3364
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRECISION ENGINEERING (Continued)

U001610858

NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	1995
County Code:	49
Air Basin:	SF
Facility ID:	8979
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	1997
County Code:	49
Air Basin:	SF
Facility ID:	8979
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	1998
County Code:	49
Air Basin:	SF
Facility ID:	8979
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRECISION ENGINEERING (Continued)

U001610858

County Code: 49
Air Basin: SF
Facility ID: 8979
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2000
County Code: 49
Air Basin: SF
Facility ID: 8979
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2001
County Code: 49
Air Basin: SF
Facility ID: 8979
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2002
County Code: 49
Air Basin: SF
Facility ID: 8979
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRECISION ENGINEERING (Continued)

U001610858

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2003
County Code: 49
Air Basin: SF
Facility ID: 8979
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2004
County Code: 49
Air Basin: SF
Facility ID: 8979
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.559
Reactive Organic Gases Tons/Yr: 1.4730292
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2005
County Code: 49
Air Basin: SF
Facility ID: 8979
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.562
Reactive Organic Gases Tons/Yr: 1.4801982
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PRECISION ENGINEERING (Continued)

U001610858

SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2006
County Code:	49
Air Basin:	SF
Facility ID:	8979
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.638
Reactive Organic Gases Tons/Yr:	.6070878
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0
Year:	2007
County Code:	49
Air Basin:	SF
Facility ID:	8979
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.697
Reactive Organic Gases Tons/Yr:	.662218
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0

7
 SSE
 1/4-1/2
 0.463 mi.
 2445 ft.

E.K. EXCAVATING, INC.
22725 8TH ST E
SONOMA, CA 95476

LUST S103946415
N/A

Relative:
Lower

LUST:
 Region: STATE
 Global Id: T0609794155
 Latitude: 38.247870055
 Longitude: -122.441932716
 Case Type: LUST Cleanup Site
 Status: Open - Remediation
 Status Date: 2008-01-14 00:00:00
 Lead Agency: SONOMA COUNTY LOP
 Case Worker: Not reported
 Local Agency: SONOMA COUNTY LOP
 RB Case Number: 49-0305
 LOC Case Number: 00002391
 File Location: Local Agency

Actual:
17 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E.K. EXCAVATING, INC. (Continued)

S103946415

Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline, Diesel
Site History: The two USTs included one 4,000 gallon gasoline UST (T-1) and one 14,000 gallon diesel UST (T-2). The USTs had reportedly been in use since the 1970s (PNEG, 1997). The USTs were removed from the Site under the direction of the SCDHS in July 1999 (PNEG, 1999 ;SCDHS, 1999a). After the USTs were removed from the Site, additional excavation of visually impacted soil was performed with the approval of the SCDHS (PNEG, 1997). Impacted soil was subsequently transported to Forward Landfill in Manteca, California on January 17, 2001 for disposal. The groundwater monitoring wells have been on a routine sampling program dating back to January 2002. The information generated to date indicates that the groundwater impact beneath the Site is confined to the upper (shallow) water-bearing zone generally present from approximately 7 to 12 feet bgs. The two on-site domestic wells have been sampled on a periodic basis and no impact has been detected to date. The on-site domestic wells are currently on a semi-annual sampling schedule (first and third quarters). Domestic well results indicate no detectable constituents of concern. Excerpted from: "Results of Subsurface Investigation Report", SCS Engineers, 11/17/2005

LUST REG 2:

Region: 2
Facility Id: 49-0305
Facility Status: Pollution Characterization
Case Number: 00002391
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 4/28/2000
Pollution Characterization Began: 4/26/2001
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SONOMA CO. LUST:

Region: SONOMA
Regional Board: 49-0305
Closed or Referred: Not reported
Date: Not reported
LOP Number: 00002391
Funding Fed / State: State
Staff: DR
Global ID: T0609794155

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

8
NE
1/4-1/2
0.467 mi.
2468 ft.

R & M PRODUCTS
21707 8TH ST EAST
SONOMA, CA

SLIC S100860664
HAZNET N/A

Relative:
Higher

SLIC:

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 1995-09-19 00:00:00
Global Id: SL18284705
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 38.2900792477477
Longitude: -122.461473797297
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 49S0011
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
General Comments: Not reported

Actual:
28 ft.

SLIC:

Region: 2
Facility ID: 49S0011
Facility Status: Not reported
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HAZNET:

Gepaid: CAL000089370
Contact: NIELS CHEW
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P O BOX 1829
Mailing City,St,Zip: SONOMA, CA 954760000
Gen County: Sonoma
TSD EPA ID: CAT000613893
TSD County: Los Angeles
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Not reported
Tons: .0135
Facility County: Sonoma

Gepaid: CAL000089370

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R & M PRODUCTS (Continued)

S100860664

Contact: NIELS CHEW
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P O BOX 1829
Mailing City,St,Zip: SONOMA, CA 954760000
Gen County: Sonoma
TSD EPA ID: CAT000613893
TSD County: Los Angeles
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: .0405
Facility County: Sonoma

Gepaid: CAL000089370
Contact: NIELS CHEW
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P O BOX 1829
Mailing City,St,Zip: SONOMA, CA 954760000
Gen County: Sonoma
TSD EPA ID: CAT000613893
TSD County: Los Angeles
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: .1215
Facility County: Sonoma

Gepaid: CAL000089370
Contact: NIELS CHEW
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P O BOX 1829
Mailing City,St,Zip: SONOMA, CA 954760000
Gen County: Sonoma
TSD EPA ID: CAT000613893
TSD County: Los Angeles
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Not reported
Tons: .0270
Facility County: Sonoma

[Click this hyperlink](#) while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SONOMA	1001481013		HWY 37 AND 121	95476	RCRA-SQG, FINDS, CA WDS, SLIC, HAZNET
SONOMA	1003877952	ROBLAR QUARRY	ROBLAR RD	95476	CERC-NFRAP
SONOMA	1001111589		OF SCHELLVILLE	95476	RCRA-NonGen, FINDS
SONOMA	1000379286		SKAGGS ISLAND	95476	CERC-NFRAP, RCRA-SQG, FINDS, E
SONOMA	S105481894	FERRANDO'S PLUMBING & HTG	18495 SONOMA HWY	95476	LUST

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: 12/01/2009	Source: EPA
Date Data Arrived at EDR: 01/14/2010	Telephone: N/A
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 03/03/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/26/2010
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 12/01/2009	Source: EPA
Date Data Arrived at EDR: 01/14/2010	Telephone: N/A
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 03/03/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/26/2010
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	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: 03/01/2010
Number of Days to Update: 56	Next Scheduled EDR Contact: 05/31/2010
	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: 12/01/2009	Source: EPA
Date Data Arrived at EDR: 01/14/2010	Telephone: N/A
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 03/03/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/26/2010
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/30/2009	Source: EPA
Date Data Arrived at EDR: 08/11/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 02/09/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 04/12/2010
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of NPL and Base Realignment & Closure sites found in the CERCLIS database where FERRO is involved in cleanup projects.

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: 01/15/2010
Number of Days to Update: 26	Next Scheduled EDR Contact: 04/26/2010
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 06/23/2009	Source: EPA
Date Data Arrived at EDR: 09/02/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 03/11/2010
Number of Days to Update: 19	Next Scheduled EDR Contact: 06/14/2010
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/11/2009	Source: EPA
Date Data Arrived at EDR: 12/29/2009	Telephone: 800-424-9346
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 02/15/2010
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/31/2010
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: (415) 495-8895
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/19/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 01/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: (415) 495-8895
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/19/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 01/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: (415) 495-8895
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/19/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 01/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: (415) 495-8895
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/19/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/01/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2009	Telephone: 703-603-0695
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 03/15/2010
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/28/2010
	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: 10/01/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2009	Telephone: 703-603-0695
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 03/15/2010
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/28/2010
	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: 12/31/2009	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/22/2010	Telephone: 202-267-2180
Date Made Active in Reports: 02/11/2010	Last EDR Contact: 01/15/2010
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

Date of Government Version: 02/08/2010	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/09/2010	Telephone: 916-323-3400
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/09/2010
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/24/2010
	Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database 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: 02/08/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 9

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/09/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an 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: 02/22/2010
Date Data Arrived at EDR: 02/24/2010
Date Made Active in Reports: 03/04/2010
Number of Days to Update: 8

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/24/2010
Next Scheduled EDR Contact: 06/07/2010
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: 12/23/2009
Next Scheduled EDR Contact: 04/12/2010
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: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

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

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
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: 02/12/2010
Next Scheduled EDR Contact: 05/31/2010
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: 01/05/2010
Next Scheduled EDR Contact: 04/19/2010
Data Release Frequency: Quarterly

LUST REG 4: Underground Storage Tank Leak List

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

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

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
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: 01/18/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

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

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

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 12/18/2009
Next Scheduled EDR Contact: 04/05/2010
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: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

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

Date of Government Version: 02/05/2010
Date Data Arrived at EDR: 02/05/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 13

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 02/05/2010
Next Scheduled EDR Contact: 04/05/2010
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: 01/18/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Varies

SLIC: Statewide SLIC Cases

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

Date of Government Version: 02/05/2010
Date Data Arrived at EDR: 02/05/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 13

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/05/2010
Next Scheduled EDR Contact: 04/05/2010
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: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: No Update Planned

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

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

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 12/18/2009
Next Scheduled EDR Contact: 04/05/2010
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: 01/18/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Semi-Annually

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

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

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

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 01/05/2010
Next Scheduled EDR Contact: 04/19/2010
Data Release Frequency: Varies

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

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

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: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
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: 12/10/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

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

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

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 02/15/2010
Next Scheduled EDR Contact: 05/31/2010
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

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

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

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

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

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
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: 02/08/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/02/2010	Source: EPA Region 10
Date Data Arrived at EDR: 02/03/2010	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/01/2010
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009	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: 03/01/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 12/01/2009	Source: EPA Region 8
Date Data Arrived at EDR: 12/01/2009	Telephone: 303-312-6271
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/12/2009	Source: EPA Region 6
Date Data Arrived at EDR: 11/12/2009	Telephone: 214-665-6597
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

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

Date of Government Version: 12/07/2009	Source: EPA Region 4
Date Data Arrived at EDR: 12/09/2009	Telephone: 404-562-8677
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Semi-Annually

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

Date of Government Version: 11/24/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/25/2009	Telephone: 415-972-3372
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

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

Date of Government Version: 03/24/2009	Source: EPA Region 7
Date Data Arrived at EDR: 05/20/2009	Telephone: 913-551-7003
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

State and tribal registered storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 02/05/2010	Source: SWRCB
Date Data Arrived at EDR: 02/05/2010	Telephone: 916-480-1028
Date Made Active in Reports: 02/23/2010	Last EDR Contact: 02/05/2010
Number of Days to Update: 18	Next Scheduled EDR Contact: 04/05/2010
	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: 01/11/2010
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/26/2010
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/02/2010	Source: EPA Region 10
Date Data Arrived at EDR: 02/03/2010	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/17/2010
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/12/2009	Source: EPA Region 9
Date Data Arrived at EDR: 11/20/2009	Telephone: 415-972-3368
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 26	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 12/01/2009	Source: EPA Region 8
Date Data Arrived at EDR: 12/01/2009	Telephone: 303-312-6137
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/01/2008	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: 02/01/2010
Number of Days to Update: 76	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/08/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 9

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2009
Date Data Arrived at EDR: 11/05/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 41

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 12/07/2009
Date Data Arrived at EDR: 12/09/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 7

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 10/29/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 48

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/18/2010
Next Scheduled EDR Contact: 05/03/2010
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: 02/08/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 9

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/09/2010
Next Scheduled EDR Contact: 02/22/2010
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/05/2010
Next Scheduled EDR Contact: 04/19/2010
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 11/04/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 01/07/2010
Next Scheduled EDR Contact: 04/12/2010
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
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: 03/15/2010
Number of Days to Update: 30	Next Scheduled EDR Contact: 05/31/2010
	Data Release Frequency: Quarterly

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/18/2009	Source: Department of Conservation
Date Data Arrived at EDR: 12/21/2009	Telephone: 916-323-3836
Date Made Active in Reports: 01/18/2010	Last EDR Contact: 12/21/2009
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/05/2010
	Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 01/11/2010	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 01/12/2010	Telephone: 916-341-6422
Date Made Active in Reports: 01/18/2010	Last EDR Contact: 03/08/2010
Number of Days to Update: 6	Next Scheduled EDR Contact: 06/07/2010
	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: 02/08/2010
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/24/2010
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

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

Date of Government Version: 08/19/2009	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 12/29/2009	Telephone: 202-307-1000
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 12/14/2009
Number of Days to Update: 43	Next Scheduled EDR Contact: 03/22/2010
	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: 02/08/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 9

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/09/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

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

CDL: Clandestine Drug Labs

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

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

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 02/09/2010
Next Scheduled EDR Contact: 04/19/2010
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

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

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

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

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

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

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

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

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: 03/08/2010
Number of Days to Update: 8	Next Scheduled EDR Contact: 06/21/2010
	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: 11/03/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/05/2009	Telephone: 202-564-6023
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	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: 03/17/2010
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/07/2010
	Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 01/28/2010	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/29/2010	Telephone: 916-323-3400
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 01/18/2010
Number of Days to Update: 20	Next Scheduled EDR Contact: 05/03/2010
	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: 12/15/2009	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 12/15/2009	Telephone: 916-323-3400
Date Made Active in Reports: 01/18/2010	Last EDR Contact: 03/16/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 12/28/2009
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2009	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/06/2010	Telephone: 202-366-4555
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 01/06/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/12/2010
	Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2007	Source: Office of Emergency Services
Date Data Arrived at EDR: 05/09/2008	Telephone: 916-845-8400
Date Made Active in Reports: 06/20/2008	Last EDR Contact: 02/01/2010
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

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

Date of Government Version: 02/05/2010	Source: State Water Quality Control Board
Date Data Arrived at EDR: 02/05/2010	Telephone: 866-480-1028
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/05/2010
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/05/2010
	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: 02/05/2010	Source: State Water Resources Control Board
Date Data Arrived at EDR: 02/05/2010	Telephone: 866-480-1028
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/05/2010
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/05/2010
	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: 01/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: (415) 495-8895
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/19/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/19/2010
	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: 10/13/2009	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 11/10/2009	Telephone: 202-366-4595
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/09/2010
Number of Days to Update: 36	Next Scheduled EDR Contact: 05/24/2010
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	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: 01/19/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2008	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: 03/18/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 06/28/2010
	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: 08/03/2009	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 10/27/2009	Telephone: Varies
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 01/05/2010
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 12/01/2009	Source: EPA
Date Data Arrived at EDR: 12/15/2009	Telephone: 703-416-0223
Date Made Active in Reports: 01/19/2010	Last EDR Contact: 03/17/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/28/2010
	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: 01/05/2009	Source: Department of Energy
Date Data Arrived at EDR: 05/07/2009	Telephone: 505-845-0011
Date Made Active in Reports: 05/08/2009	Last EDR Contact: 01/21/2010
Number of Days to Update: 1	Next Scheduled EDR Contact: 06/14/2010
	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: 11/17/2009	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 12/08/2009	Telephone: 303-231-5959
Date Made Active in Reports: 01/19/2010	Last EDR Contact: 03/10/2010
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/21/2010
	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: 03/02/2010
Number of Days to Update: 36	Next Scheduled EDR Contact: 06/14/2010
	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: 01/20/2010
Number of Days to Update: 46	Next Scheduled EDR Contact: 04/12/2010
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	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: 03/01/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/14/2010
	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: 03/01/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/14/2010
	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: 02/01/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/10/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/18/2009	Telephone: 202-564-5088
Date Made Active in Reports: 01/19/2010	Last EDR Contact: 12/23/2009
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/12/2010
	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: 09/01/2009	Source: EPA
Date Data Arrived at EDR: 10/21/2009	Telephone: 202-566-0500
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 02/16/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/03/2010
	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: 12/24/2009	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 12/31/2009	Telephone: 301-415-7169
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 03/15/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 06/28/2010
	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: 01/12/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/13/2010	Telephone: 202-343-9775
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 01/13/2010
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/26/2010
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/19/2009	Source: EPA
Date Data Arrived at EDR: 10/22/2009	Telephone: (415) 947-8000
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 03/15/2010
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/28/2010
	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: 02/19/2009	Telephone: 800-424-9346
Date Made Active in Reports: 05/22/2009	Last EDR Contact: 02/25/2010
Number of Days to Update: 92	Next Scheduled EDR Contact: 06/07/2010
	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

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/22/2010
Date Data Arrived at EDR: 02/24/2010
Date Made Active in Reports: 03/04/2010
Number of Days to Update: 8

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/24/2010
Next Scheduled EDR Contact: 06/07/2010
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: 01/06/2010
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 12

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 01/06/2010
Next Scheduled EDR Contact: 04/19/2010
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES].

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/23/2009
Next Scheduled EDR Contact: 04/12/2010
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: 12/22/2009
Date Data Arrived at EDR: 01/25/2010
Date Made Active in Reports: 01/29/2010
Number of Days to Update: 4

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

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

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

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 01/07/2010
Next Scheduled EDR Contact: 04/19/2010
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 10/21/2009
Date Made Active in Reports: 10/28/2009
Number of Days to Update: 7

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/21/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 07/14/2009
Date Made Active in Reports: 07/23/2009
Number of Days to Update: 9

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 01/06/2010
Next Scheduled EDR Contact: 04/12/2010
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/19/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 11/16/2009
Date Data Arrived at EDR: 11/16/2009
Date Made Active in Reports: 01/19/2010
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/08/2010
Next Scheduled EDR Contact: 05/10/2010
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 12/18/2009
Date Data Arrived at EDR: 12/21/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 28

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/21/2009
Next Scheduled EDR Contact: 04/05/2010
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: 11/24/2009
Date Data Arrived at EDR: 12/17/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 32

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
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: 01/27/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

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

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/16/2010
Next Scheduled EDR Contact: 06/28/2010
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: 01/18/2010
Date Data Arrived at EDR: 01/19/2010
Date Made Active in Reports: 01/29/2010
Number of Days to Update: 10

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/19/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action (a??cleanupsa??) tracked in EnviroStor.

Date of Government Version: 02/08/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 9

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/09/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

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

Date of Government Version: 01/11/2010	Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 01/12/2010	Telephone: 916-341-6066
Date Made Active in Reports: 01/18/2010	Last EDR Contact: 03/08/2010
Number of Days to Update: 6	Next Scheduled EDR Contact: 06/07/2010
	Data Release Frequency: Varies

FINANCIAL ASSURANCE: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 03/01/2007	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/01/2007	Telephone: 916-255-3628
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 03/12/2010
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/19/2010
Number of Days to Update: 339	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2009	Telephone: 202-566-0517
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 02/24/2010
Number of Days to Update: 100	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: 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: 01/19/2010
Date Data Arrived at EDR: 01/21/2010
Date Made Active in Reports: 01/29/2010
Number of Days to Update: 8

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/18/2010
Next Scheduled EDR Contact: 04/19/2010
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/19/2010
Date Data Arrived at EDR: 01/21/2010
Date Made Active in Reports: 02/02/2010
Number of Days to Update: 12

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/18/2010
Next Scheduled EDR Contact: 04/19/2010
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/10/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 7

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 02/08/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 01/29/2010
Number of Days to Update: 9

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/18/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 11/18/2009
Date Data Arrived at EDR: 11/20/2009
Date Made Active in Reports: 12/08/2009
Number of Days to Update: 18

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 05/31/2010
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: 12/28/2009
Next Scheduled EDR Contact: 04/12/2010
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/30/2009
Date Data Arrived at EDR: 12/28/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 21

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/18/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/25/2010
Date Data Arrived at EDR: 01/27/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 22

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/25/2010
Next Scheduled EDR Contact: 05/10/2010
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/07/2010
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: 01/25/2010
Next Scheduled EDR Contact: 05/10/2010
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/25/2010
Date Data Arrived at EDR: 01/25/2010
Date Made Active in Reports: 02/02/2010
Number of Days to Update: 8

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 01/25/2010
Next Scheduled EDR Contact: 05/10/2010
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 01/21/2010
Date Data Arrived at EDR: 01/25/2010
Date Made Active in Reports: 02/02/2010
Number of Days to Update: 8

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/18/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 01/20/2010
Date Data Arrived at EDR: 02/03/2010
Date Made Active in Reports: 02/23/2010
Number of Days to Update: 20

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/11/2010
Next Scheduled EDR Contact: 04/26/2010
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

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

Date of Government Version: 07/09/2008
Date Data Arrived at EDR: 07/09/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 22

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
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: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: No Update Planned

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 12/02/2009
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 03/04/2010
Number of Days to Update: 16

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/12/2010
Next Scheduled EDR Contact: 05/31/2010
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/03/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 03/04/2010
Number of Days to Update: 16

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/12/2010
Next Scheduled EDR Contact: 05/31/2010
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: 02/03/2010	Source: Health Care Agency
Date Data Arrived at EDR: 02/12/2010	Telephone: 714-834-3446
Date Made Active in Reports: 02/23/2010	Last EDR Contact: 02/12/2010
Number of Days to Update: 11	Next Scheduled EDR Contact: 05/31/2010
	Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 12/29/2009	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 12/29/2009	Telephone: 530-889-7312
Date Made Active in Reports: 01/18/2010	Last EDR Contact: 03/15/2010
Number of Days to Update: 20	Next Scheduled EDR Contact: 06/28/2010
	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: 01/21/2010	Source: Department of Public Health
Date Data Arrived at EDR: 01/27/2010	Telephone: 951-358-5055
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 12/28/2009
Number of Days to Update: 22	Next Scheduled EDR Contact: 04/12/2010
	Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 01/21/2010	Source: Health Services Agency
Date Data Arrived at EDR: 01/27/2010	Telephone: 951-358-5055
Date Made Active in Reports: 02/02/2010	Last EDR Contact: 12/28/2009
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/12/2010
	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: 01/05/2010	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 01/15/2010	Telephone: 916-875-8406
Date Made Active in Reports: 01/29/2010	Last EDR Contact: 01/12/2010
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/26/2010
	Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

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

Date of Government Version: 01/21/2010	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 02/02/2010	Telephone: 916-875-8406
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 01/22/2010
Number of Days to Update: 16	Next Scheduled EDR Contact: 04/26/2010
	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: 12/08/2009
Date Data Arrived at EDR: 12/09/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 40

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 02/15/2010
Next Scheduled EDR Contact: 05/31/2010
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 07/16/2008
Date Data Arrived at EDR: 10/29/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 28

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 03/16/2010
Next Scheduled EDR Contact: 06/28/2010
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: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

Environmental Case Listing

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

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 12/15/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 34

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 03/16/2010
Next Scheduled EDR Contact: 06/28/2010
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: 03/16/2010
Next Scheduled EDR Contact: 05/31/2010
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: 09/19/2008	Source: Department of Public Health
Date Data Arrived at EDR: 09/19/2008	Telephone: 415-252-3920
Date Made Active in Reports: 10/01/2008	Last EDR Contact: 03/16/2010
Number of Days to Update: 12	Next Scheduled EDR Contact: 05/31/2010
	Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 10/14/2009	Source: Environmental Health Department
Date Data Arrived at EDR: 10/15/2009	Telephone: N/A
Date Made Active in Reports: 11/02/2009	Last EDR Contact: 12/28/2009
Number of Days to Update: 18	Next Scheduled EDR Contact: 04/12/2010
	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: 12/31/2009	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 01/05/2010	Telephone: 650-363-1921
Date Made Active in Reports: 01/18/2010	Last EDR Contact: 12/18/2009
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/05/2010
	Data Release Frequency: Annually

Fuel Leak List

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

Date of Government Version: 04/07/2009	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 04/07/2009	Telephone: 650-363-1921
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 12/18/2009
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/05/2010
	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: 03/08/2010
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/21/2010
	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: 408-277-4659
Last EDR Contact: 02/15/2010
Next Scheduled EDR Contact: 05/31/2010
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

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

Date of Government Version: 12/07/2009
Date Data Arrived at EDR: 12/10/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 39

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

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

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
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: 01/05/2010
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 12

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 01/05/2010
Next Scheduled EDR Contact: 04/19/2010
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 04/01/2009
Date Data Arrived at EDR: 04/02/2009
Date Made Active in Reports: 04/09/2009
Number of Days to Update: 7

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
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: 01/26/2010
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 03/04/2010
Number of Days to Update: 7

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/23/2010
Next Scheduled EDR Contact: 06/07/2010
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: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 02/23/2010
Next Scheduled EDR Contact: 06/07/2010
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: 11/27/2009
Date Data Arrived at EDR: 12/21/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 28

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/21/2009
Next Scheduled EDR Contact: 04/05/2010
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 12/28/2009
Date Data Arrived at EDR: 12/31/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 18

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/28/2009
Next Scheduled EDR Contact: 04/12/2010
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: 03/02/2010
Next Scheduled EDR Contact: 06/07/2010
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: 01/20/2010
Date Made Active in Reports: 02/05/2010
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/20/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/04/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 03/17/2010
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/11/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

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

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 02/23/2010
Next Scheduled EDR Contact: 06/07/2010
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 11/03/2009
Date Data Arrived at EDR: 02/12/2010
Date Made Active in Reports: 02/22/2010
Number of Days to Update: 10

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 07/17/2009
Date Made Active in Reports: 08/10/2009
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/21/2009
Next Scheduled EDR Contact: 04/05/2010
Data Release Frequency: Annually

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

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SASAKI PROPERTY
22333 8TH STREET E
SONOMA, CA 95476

TARGET PROPERTY COORDINATES

Latitude (North):	38.25430 - 38° 15' 15.5"
Longitude (West):	122.4454 - 122° 26' 43.4"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	548525.2
UTM Y (Meters):	4233970.0
Elevation:	26 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	38122-C4 SONOMA, CA
Most Recent Revision:	1980
South Map:	38122-B4 SEARS POINT, CA
Most Recent Revision:	1968

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).

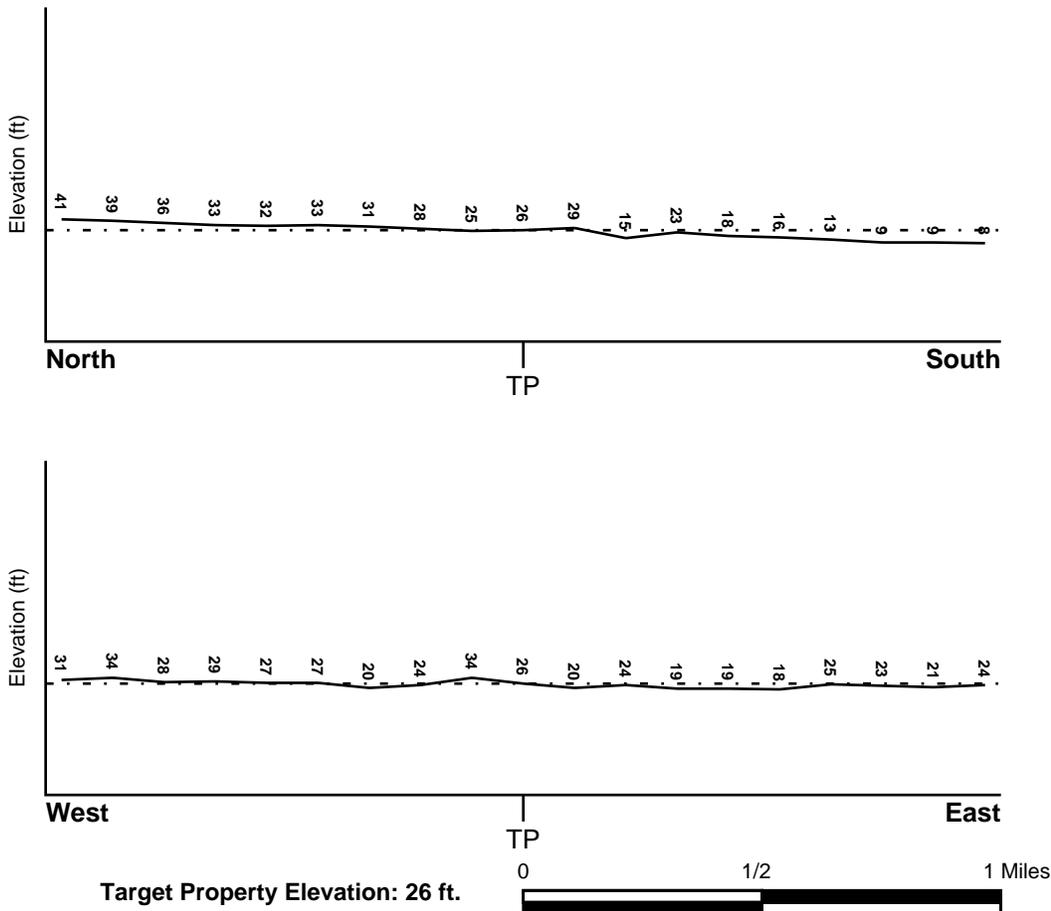
TOPOGRAPHIC INFORMATION

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 South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

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
SONOMA, CA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06097C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
SONOMA

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>
10	1/2 - 1 Mile NW	S

For additional site information, refer to Physical Setting Source Map Findings.

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

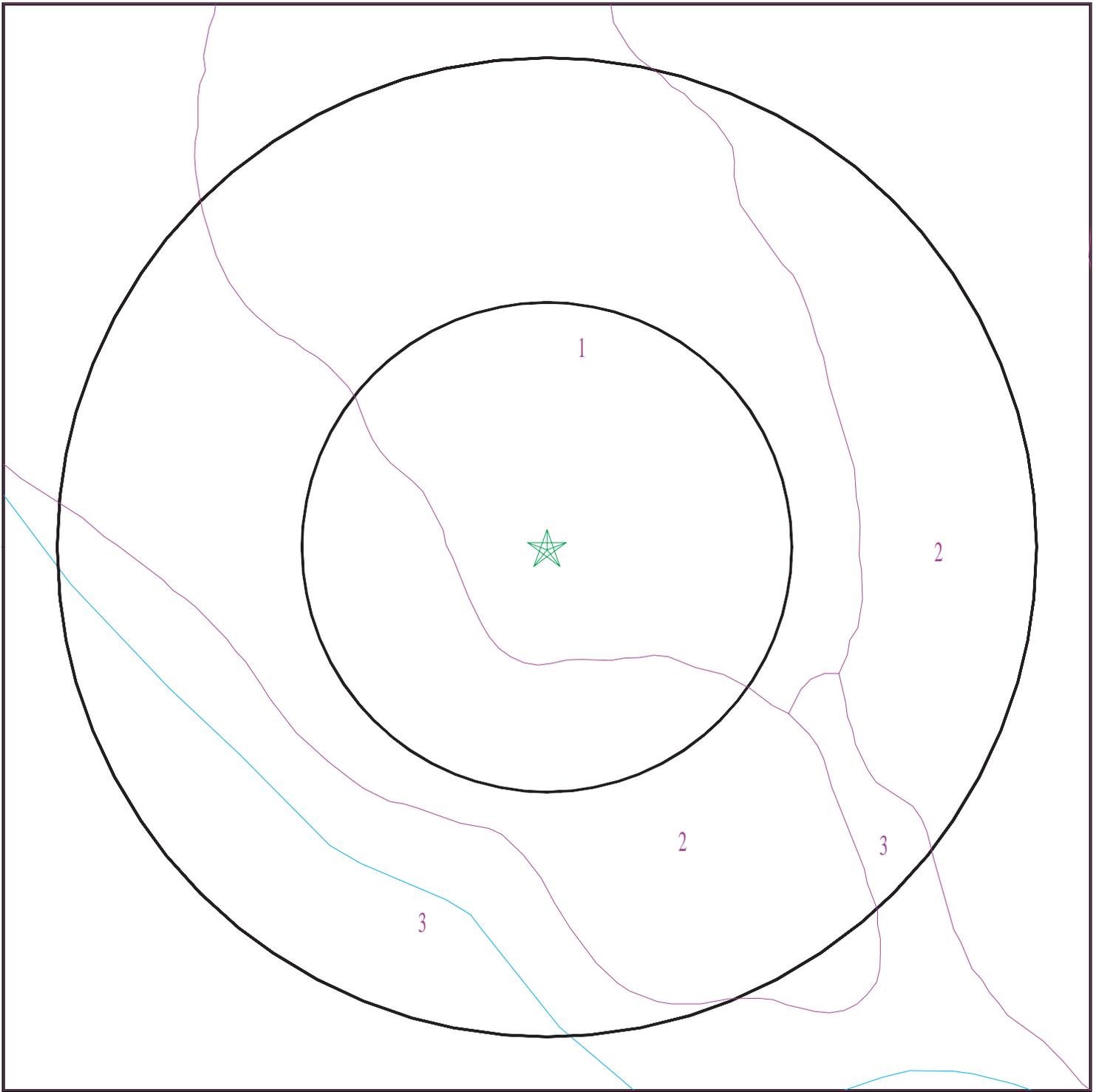
Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

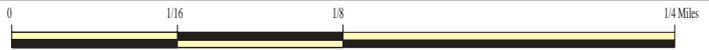
Category: Stratified Sequence

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 - 2725387.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Sasaki Property
ADDRESS: 22333 8th Street E
Sonoma CA 95476
LAT/LONG: 38.2543 / 122.4454

CLIENT: ERM - West, Inc.
CONTACT: Peter Baty
INQUIRY #: 2725387.2s
DATE: March 22, 2010 9:34 am

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: WRIGHT

Soil Surface Texture: loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not 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	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
2	7 inches	14 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
3	14 inches	61 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
4	61 inches	72 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: HUICHICA

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not 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	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
2	14 inches	22 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	22 inches	29 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
4	29 inches	57 inches	cemented	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: ZAMORA

Soil Surface Texture: silty clay loam

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: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

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	5 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 7.3 Min: 6.6
2	5 inches	29 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 7.3 Min: 6.6
3	29 inches	40 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 7.3 Min: 6.6
4	40 inches	55 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 7.3 Min: 6.6
5	55 inches	59 inches	gravelly clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 7.3 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

<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>
1	USGS3236966	1/8 - 1/4 Mile SSW
3	USGS3236959	1/4 - 1/2 Mile SSW
4	USGS3236970	1/4 - 1/2 Mile West
5	USGS3236979	1/2 - 1 Mile ENE
6	USGS3236955	1/2 - 1 Mile South
7	USGS3236987	1/2 - 1 Mile North
8	USGS3236953	1/2 - 1 Mile SSE
9	USGS3236946	1/2 - 1 Mile South
11	USGS3236943	1/2 - 1 Mile SSE
12	USGS3236976	1/2 - 1 Mile WNW
13	USGS3236945	1/2 - 1 Mile SE
14	USGS3236962	1/2 - 1 Mile WSW
A15	USGS3236983	1/2 - 1 Mile ENE
A16	USGS3236984	1/2 - 1 Mile ENE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

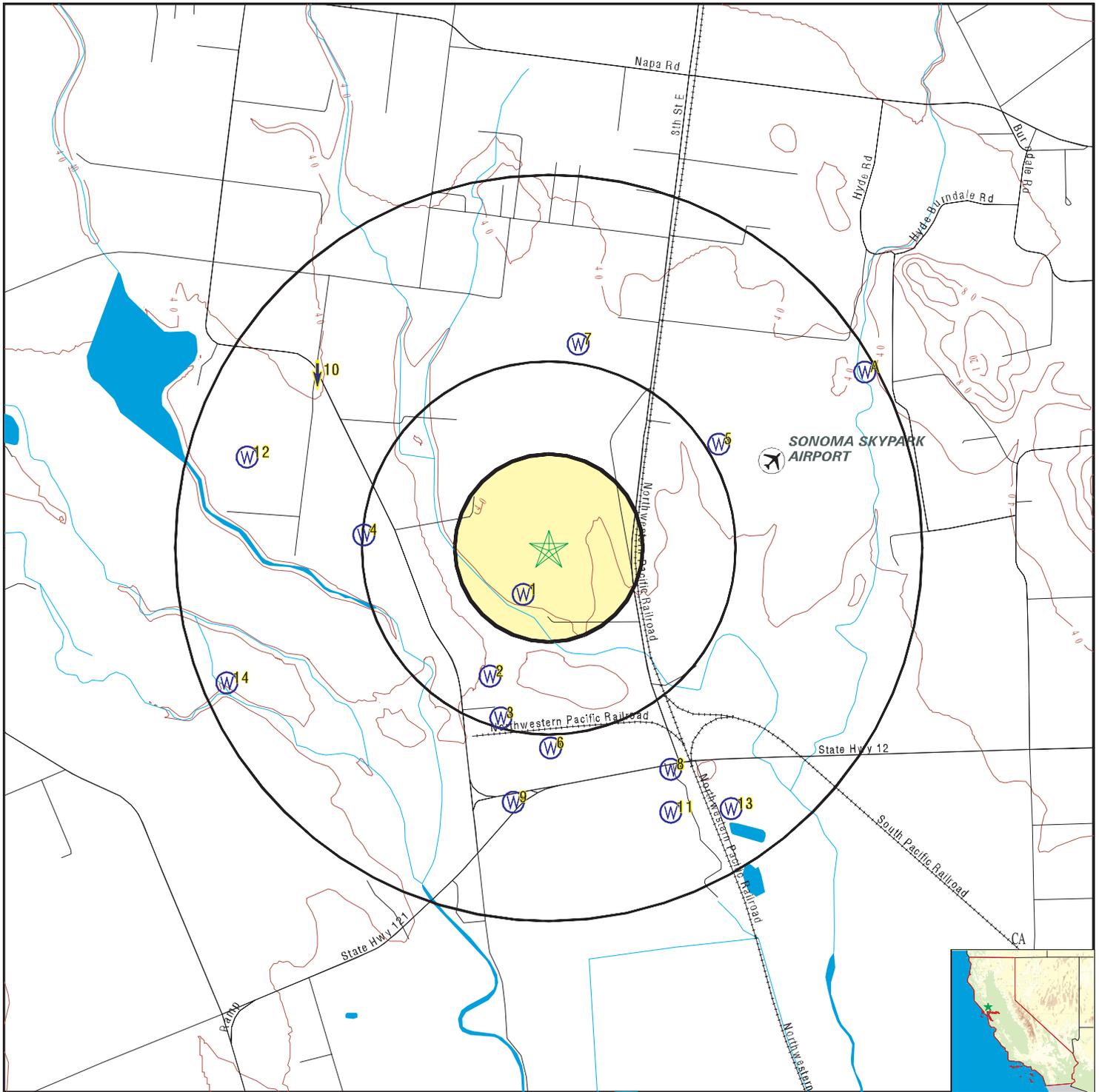
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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>
2	CADW20000039121	1/4 - 1/2 Mile SSW

PHYSICAL SETTING SOURCE MAP - 2725387.2s



- 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: Sasaki Property
 ADDRESS: 22333 8th Street E
 Sonoma CA 95476
 LAT/LONG: 38.2543 / 122.4454

CLIENT: ERM - West, Inc.
 CONTACT: Peter Baty
 INQUIRY #: 2725387.2s
 DATE: March 22, 2010 9:34 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
SSW
1/8 - 1/4 Mile
Lower

FED USGS USGS3236966

Agency cd:	USGS	Site no:	381509122264801
Site name:	005N005W29P005M		
Latitude:	381508.99	EDR Site id:	USGS3236966
Longitude:	1222647.95	Dec lat:	38.25249722
Dec lon:	-122.44665278	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	06
State:	06	County:	097
Country:	US	Land net:	S29PT005N R005W M
Location map:	SONOMA	Map scale:	24000
Altitude:	20		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Pablo Bay. California. Area = 1200 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19881011
Date inventoried:	20030513	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:	104	Hole depth:	356
Source of depth data:	logs		
Project number:	967760400		
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:	2003-06-05
Water quality data end date:	2003-06-05	Water quality data count:	1
Ground water data begin date:	2003-05-13	Ground water data end date:	2003-05-13
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

2003-05-13	12.9	

2
SSW
1/4 - 1/2 Mile
Lower

CA WELLS CADW20000039121

Longitude:	122.4472
Latitude:	38.2494
Stwellno:	05N05W30J003M
Districtco:	7
Welluseco:	H
Countycode:	49
Gwcode:	200202
Site id:	CADW20000039121

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

3
SSW
1/4 - 1/2 Mile
Lower

FED USGS USGS3236959

Agency cd:	USGS	Site no:	381452122264801
Site name:	005N005W29N001M	EDR Site id:	USGS3236959
Latitude:	381452	Dec lat:	38.24769358
Longitude:	1222648	Coord meth:	M
Dec lon:	-122.44775747	Latlong datum:	NAD27
Coord acc:	F	District:	06
Dec latlong datum:	NAD83	County:	097
State:	06	Land net:	SWSWS29 T05N R05W M
Country:	US	Map scale:	24000
Location map:	SEARS POINT		
Altitude:	16		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Pablo Bay. California. Area = 1200 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1950
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:	100	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	479200200		
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:	1951-08-16	Ground water data end date:	1983-10-11
Ground water data count:	156		

Ground-water levels, Number of Measurements: 156

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1983-10-11	11.4		1983-04-04	3.4	
1982-10-20	13.2		1982-03-10	4.8	
1981-10-09	14.7		1981-03-17	8.3	
1980-10-06	13.3		1980-03-26	5.8	
1979-10-16	14.1		1979-03-28	5.9	
1978-10-07	0.00				
Note: The site was being pumped.					
1978-03-20	3.9				
1977-10-07	0.00				
Note: The site was being pumped.					
1977-03-14	13.2		1976-10-07	15.6	
1976-03-09	10.2		1975-10-20	12.9	
1975-03-20	5.9		1974-10-07	13	
1974-03-08	4.3		1973-10-09	12.8	
1973-03-20	3.6				
1972-10-12	0.00				

Note: Other conditions existed that would affect the measured water level.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1972-03-10	9.9		1971-10-06	13.2	
1971-03-09	0.00				
Note: Other conditions existed that would affect the measured water level.					
1970-10-09	0.00				
Note: Other conditions existed that would affect the measured water level.					
1969-06-16	9.3		1969-05-12	8.3	
1969-04-15	6.7		1969-03-21	4.4	
1969-02-21	2.1		1969-01-16	7.8	
1968-12-12	11		1968-11-19	10.8	
1968-10-14	11.8		1968-09-19	11.5	
1968-05-14	7.6		1968-04-15	7	
1968-03-19	4.4		1967-11-16	11	
1967-10-23	11.2		1967-09-19	9.7	
1967-08-15	9.5		1967-05-17	5	
1967-04-24	1		1967-03-20	2.7	
1967-02-15	3.3		1967-01-18	8.9	
1966-12-14	8.3		1966-11-16	11.9	
1966-10-17	12.2		1966-09-19	11.6	
1966-08-17	12.2		1966-07-21	10.4	
1966-06-17	9.3		1966-05-17	7.8	
1966-04-19	7.14		1966-03-30	6.4	
1966-02-23	5.24		1966-01-17	6.37	
1965-12-10	11.01		1965-11-11	11.88	
1965-09-21	11.54		1965-08-16	10.49	
1965-07-12	9.55		1965-06-14	8.49	
1965-05-18	7.5		1965-04-14	6.86	
1965-03-15	6.82		1965-02-15	6	
1965-01-18	5.15		1964-12-14	11.03	
1964-11-16	11.02		1964-10-12	12.3	
1964-09-14	12.3		1964-08-18	11.65	
1964-07-13	10.68		1964-06-16	10.07	
1964-05-11	9.45		1964-04-13	8.85	
1964-03-16	8.8		1964-02-24	8.28	
1964-01-14	10.32		1963-12-19	9.14	
1963-11-18	10.62		1963-10-22	11.08	
1963-09-16	10.71		1963-08-12	9.7	
1963-07-08	8.51		1963-06-06	6.98	
1963-05-13	5.7		1963-04-16	3.13	
1963-03-05	6.1		1963-02-12	5.41	
1963-01-02	19.6		1962-12-03	10.49	
1962-11-14	10.61		1962-10-09	12.65	
1962-09-04	11.11		1962-08-14	11.55	
1962-07-10	10.45		1962-06-11	9.34	
1962-05-09	7.96		1962-04-18	7.1	
1962-03-08	7.75		1962-02-12	10.14	
1962-01-11	11.76		1961-12-04	11.48	
1961-11-06	13		1961-10-03	12.79	
1961-09-06	12.2		1961-08-07	12.3	
1961-07-06	11.3		1961-06-07	10	
1961-05-02	9.2		1961-04-04	8.8	
1961-03-02	9.1		1961-02-02	10	
1961-01-05	11.6		1960-12-08	11.5	
1960-11-03	13.3		1960-10-06	13	
1960-09-06	13.3		1960-08-03	12.7	
1960-07-06	11.7		1960-06-01	10.3	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1960-05-04	9.2		1960-04-05	8.8	
1960-03-02	8.9		1960-02-08	9.7	
1960-01-08	12.6		1959-12-04	13.1	
1959-11-06	13.1		1959-10-09	12.8	
1959-09-01	14.9				
1959-08-10	13.1				
Note: The site had been pumped recently.					
1959-07-08	14.5				
Note: The site had been pumped recently.					
1959-06-02	10.3		1959-05-11	11	
1959-04-06	8.2		1959-03-04	7.4	
1959-02-02	10.9		1959-01-06	11.5	
1958-12-01	12.9				
1958-10-27	24.6				
Note: The site had been pumped recently.					
1958-09-30	24.5				
Note: The site had been pumped recently.					
1958-03-14	4		1957-03-13	10.66	
1956-04-03	5.83		1955-04-01	9.65	
1954-04-02	8.4		1953-10-27	13.91	
1953-04-17	10.42		1952-11-21	12.8	
1951-08-16	14.69				

4

**West
1/4 - 1/2 Mile
Higher**

FED USGS USGS3236970

Agency cd:	USGS	Site no:	381517122271601
Site name:	005N005W30C001	EDR Site id:	USGS3236970
Latitude:	381517.3	Dec lat:	38.25480556
Longitude:	1222716.2	Coor meth:	G
Dec lon:	-122.4545	Latlong datum:	NAD83
Coor accr:	5	District:	06
Dec latlong datum:	NAD83	County:	097
State:	06	Land net:	S30CT005N R005W M
Country:	US	Map scale:	24000
Location map:	SONOMA		
Altitude:	24		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Pablo Bay, California. Area = 1200 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1954
Date inventoried:	20030905	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:	120	Hole depth:	Not Reported
Source of depth data:	owner		
Project number:	967760400		
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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Water quality data begin date: Not Reported
 Water quality data count: Not Reported
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

5
ENE
1/2 - 1 Mile
Higher

FED USGS USGS3236979

Agency cd:	USGS	Site no:	381530122261301
Site name:	005N005W20P002M	EDR Site id:	USGS3236979
Latitude:	381530.0	Dec lat:	38.25833333
Longitude:	1222613.3	Coor meth:	G
Dec lon:	-122.43702778	Latlong datum:	NAD83
Coor accr:	5	District:	06
Dec latlong datum:	NAD83	County:	097
State:	06	Land net:	S20PT005N R005W M
Country:	US	Map scale:	24000
Location map:	SONOMA		
Altitude:	26		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Pablo Bay. California. Area = 1200 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030819	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:	Not Reported
Source of depth data:	Not Reported		
Project number:	967760400		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data count:	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

6
South
1/2 - 1 Mile
Lower

FED USGS USGS3236955

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	381447122264301
Site name:	005N005W30R001M		
Latitude:	381447.5	EDR Site id:	USGS3236955
Longitude:	1222643.1	Dec lat:	38.24652778
Dec lon:	-122.44530556	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	06
State:	06	County:	097
Country:	US	Land net:	S30RT005N R005W M
Location map:	SEARS POINT	Map scale:	24000
Altitude:	13		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Pablo Bay. California. Area = 1200 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030819	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:	Not Reported
Source of depth data:	Not Reported		
Project number:	967760400		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin 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

**7
North
1/2 - 1 Mile
Higher**

FED USGS USGS3236987

Agency cd:	USGS	Site no:	381544122263801
Site name:	005N005W20M001		
Latitude:	381544.0	EDR Site id:	USGS3236987
Longitude:	1222638.2	Dec lat:	38.26222222
Dec lon:	-122.44394444	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	06
State:	06	County:	097
Country:	US	Land net:	Not Reported
Location map:	SONOMA	Map scale:	24000
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Not Reported		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19970923
Date inventoried:	20041020	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:	770	Hole depth:	770
Source of depth data:	driller		
Project number:	9677BHM32		
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

8
SSE
1/2 - 1 Mile
Lower

FED USGS USGS3236953

Agency cd:	USGS	Site no:	381444122262101
Site name:	005N005W29P003M	EDR Site id:	USGS3236953
Latitude:	381444.5	Dec lat:	38.24569444
Longitude:	1222621.8	Coor meth:	G
Dec lon:	-122.43938889	Latlong datum:	NAD83
Coor accr:	5	District:	06
Dec latlong datum:	NAD83	County:	097
State:	06	Land net:	S29PT005N R005W M
Country:	US	Map scale:	24000
Location map:	SEARS POINT		
Altitude:	10		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Pablo Bay. California. Area = 1200 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030815	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:	70	Hole depth:	Not Reported
Source of depth data:	owner		
Project number:	967760400		
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:	2003-08-15	Ground water data end date:	2003-08-15
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

2003-08-15	13.1	

Note: The site had been pumped recently.

9
South
1/2 - 1 Mile
Lower

FED USGS USGS3236946

Agency cd:	USGS	Site no:	381439122264901
Site name:	005N005W30R002M	EDR Site id:	USGS3236946
Latitude:	381439.9	Dec lat:	38.24441667
Longitude:	1222649.7	Coor meth:	G
Dec lon:	-122.44713889	Latlong datum:	NAD83
Coor accr:	5	District:	06
Dec latlong datum:	NAD83	County:	097
State:	06	Land net:	S30RT005N R005W M
Country:	US	Map scale:	24000
Location map:	SEARS POINT		
Altitude:	10		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Pablo Bay. California. Area = 1200 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030819	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:	Not Reported
Source of depth data:	Not Reported		
Project number:	967760400		
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

10
NW
1/2 - 1 Mile
Higher

Site ID:	Not Reported		
Groundwater Flow:	S	AQUIFLOW	54456
Shallow Water Depth:	Not Reported		
Deep Water Depth:	Not Reported		
Average Water Depth:	Not Reported		
Date:	06/22/1999		

11
SSE
1/2 - 1 Mile
Lower

FED USGS USGS3236943

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	381438122262101
Site name:	005N005W32C001M		
Latitude:	381438.5	EDR Site id:	USGS3236943
Longitude:	1222621.8	Dec lat:	38.24402778
Dec lon:	-122.43938889	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	06
State:	06	County:	097
Country:	US	Land net:	S32CT005N R005W M
Location map:	SEARS POINT	Map scale:	24000
Altitude:	9		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Pablo Bay. California. Area = 1200 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030815	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:	150	Hole depth:	Not Reported
Source of depth data:	owner		
Project number:	967760400		
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

**12
WNW
1/2 - 1 Mile
Higher**

FED USGS USGS3236976

Agency cd:	USGS	Site no:	381528122273601
Site name:	005N005W19N001M		
Latitude:	381528.2	EDR Site id:	USGS3236976
Longitude:	1222736.9	Dec lat:	38.25783333
Dec lon:	-122.46025	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	06
State:	06	County:	097
Country:	US	Land net:	S19NT005N R005W M
Location map:	SONOMA	Map scale:	240000
Altitude:	32		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Pablo Bay. California. Area = 1200 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19750305
Date inventoried:	20030905	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:	153	Hole depth:	160
Source of depth data:	logs		
Project number:	967760400		
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

**13
SE
1/2 - 1 Mile
Lower**

FED USGS USGS3236945

Agency cd:	USGS	Site no:	381439122261101
Site name:	005N005W29P004M	EDR Site id:	USGS3236945
Latitude:	381439.0	Dec lat:	38.24416667
Longitude:	1222611.1	Coor meth:	G
Dec lon:	-122.43641667	Latlong datum:	NAD83
Coor accr:	5	District:	06
Dec latlong datum:	NAD83	County:	097
State:	06	Land net:	S29RT005N R005W M
Country:	US	Map scale:	24000
Location map:	SEARS POINT		
Altitude:	10		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Pablo Bay. California. Area = 1200 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030815	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:	200	Hole depth:	Not Reported
Source of depth data:	owner		
Project number:	967760400		
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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

14
WSW
1/2 - 1 Mile
Lower

FED USGS USGS3236962

Agency cd:	USGS	Site no:	381456122274001
Site name:	005N005W30M001M	EDR Site id:	USGS3236962
Latitude:	381456.6	Dec lat:	38.24905556
Longitude:	1222740.5	Coor meth:	G
Dec lon:	-122.46125	Latlong datum:	NAD83
Coor accr:	5	District:	06
Dec latlong datum:	NAD83	County:	097
State:	06	Land net:	S30MT005N R005W M
Country:	US	Map scale:	24000
Location map:	SEARS POINT		
Altitude:	20		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Pablo Bay. California. Area = 1200 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1970
Date inventoried:	20030905	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:	180	Hole depth:	Not Reported
Source of depth data:	owner		
Project number:	967760400		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported		
Peak flow data begin date:	Not Reported		
Peak flow data count:	Not Reported		
Water quality data end date:	Not Reported		
Ground water data begin date:	Not Reported		
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

A15
ENE
1/2 - 1 Mile
Higher

FED USGS USGS3236983

Agency cd:	USGS	Site no:	381540122254701
Site name:	005N005W20J002M	EDR Site id:	USGS3236983
Latitude:	381540.2	Dec lat:	38.26116667
Longitude:	1222547.8	Coor meth:	G
Dec lon:	-122.42994444	Latlong datum:	NAD83
Coor accr:	5	District:	06
Dec latlong datum:	NAD83	County:	097
State:	06	Land net:	S20JT005N R005W M
Country:	US	Map scale:	24000
Location map:	SONOMA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: 30
 Altitude method: Interpolated from topographic map
 Altitude accuracy: 2.5
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: San Pablo Bay. California. Area = 1200 sq.mi.
 Topographic: Flat surface
 Site type: Ground-water other than Spring Date construction: 19960808
 Date inventoried: 20030715 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: 414 Hole depth: 418
 Source of depth data: logs
 Project number: 967760400
 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: 2003-07-15 Ground water data end date: 2003-07-15
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

2003-07-15 85.1

Note: The site had been pumped recently.

**A16
ENE
1/2 - 1 Mile
Higher**

FED USGS USGS3236984

Agency cd:	USGS	Site no:	381540122254702
Site name:	005N005W20R001M	EDR Site id:	USGS3236984
Latitude:	381540.0	Dec lat:	38.26111111
Longitude:	1222547.0	Coor meth:	G
Dec lon:	-122.42972222	Latlong datum:	NAD83
Coor accr:	5	District:	06
Dec latlong datum:	NAD83	County:	097
State:	06	Land net:	S20RT005N R005W M
Country:	US	Map scale:	24000
Location map:	SONOMA		
Altitude:	32		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Pablo Bay. California. Area = 1200 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19470319
Date inventoried:	20030715	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:	449	Hole depth:	504
Source of depth data:	logs		
Project number:	967760400		
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: 2003-07-15
Ground water data count: 1

Water quality data begin date: 0000-00-00
Water quality data count: 0
Ground water data end date: 2003-07-15

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
----- 2003-07-15	75.0	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
95476	18	0	0.00

Federal EPA Radon Zone for SONOMA County: 3

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

Federal Area Radon Information for Zip Code: 95476

Number of sites tested: 11

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.809 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Appendix D
Professional Profiles

James B. Warner, P.G.

Partner



Mr. James Warner has 24 years of professional experience related to hazardous waste site investigation and remediation, legal services, environmental due diligence, water supply assessment and development, compliance, and strategic consulting. This experience includes projects in North America, South America, Asia, and Europe.

Mr. Warner has managed diverse hazardous waste site investigation and remediation projects under CERCLA, RCRA, State, and local regulatory programs. Sites include transportation facilities, industrial operations, refineries, chemical plants, mining operations, and military facilities. He specializes in state-of-the-art environmental investigation techniques, fate and transport evaluations, modeling, and data visualization focused on efficient and meaningful characterization to support effective risk-based closure, remedial strategy development, and regulatory negotiations. He has developed, implemented, operated, and optimized a wide range of remediation programs, including in situ and ex situ methods for different contaminants in diverse settings ranging from shallow fill material to deep fractured bedrock.

Mr. Warner has provided legal support for litigation and mediation involving industrial facilities and mining operations. He has developed legal strategies, written expert reports and submittals, given depositions, participated in cost recovery actions, and been involved with multiparty mediated settlements. He has a proven record of effective advocacy on behalf of parties he has represented. He has worked on several high profile sites involving PRP groups.

Mr. Warner has directed environmental due diligence evaluations for property and company acquisitions, water supply development projects, and compliance assurance programs for a wide range of clients, leading to successful

business decisions, liability management, and resource management.

Professional Affiliations & Registration

- Professional Geologist, California (#5314)
- National Ground Water Association
- California Ground Water Resources Association

Fields of Competence

- Remedial Investigation/Feasibility Study programs
- Strategic remedial planning
- Geologic and hydrogeologic site investigations
- Remediation system design, installation, and operation
- Ground water flow and solute transport modeling
- Natural attenuation evaluations
- Computer applications for hydrogeologic investigations
- Water supply evaluation and development
- Risk assessment
- Regulatory compliance/negotiations
- Property redevelopment and transfer
- Litigation support
- Due diligence

Education

- B.S., Geology, Ohio University, 1983
- M.S., Geology, Ohio University, 1985

Selected Publications

- Bjorklund, B, Warner, J., Chemburkar, A., Lake, K, and Moe, J. *Use of CPT/MIP to Optimize Remediation Design of a Zero Valent Iron Permeable Reactive Barrier* (Poster). The Sixth International Battelle Conference on Remediation of Chlorinated and Recalcitrant Compounds, Monterey, CA. May 2008.

(Publications continued on page 5)

Key Projects

Represented major airline in lawsuits related to subsurface contamination at airports (SEA, PDX, SFO, OAK, LAX). Other parties included Ports, airlines, and oil companies. Performed cost allocation evaluations and negotiations to settle disputes and assist client in successful resolution of liabilities with numerous parties.

Provided litigation support to mining company for suit related to ground water and surface water impacts by arsenic and other inorganic contaminants at mine in Sierra Nevada Mother Lode District. Evaluated site conditions, mine history, reclamation requirements, and lawsuit to assist client in equitable settlement. Participated in mediated settlement.

Expert for aggregate/gold mining operation for lawsuit (California Water Code, Clean Water Act, and Proposition 65) by citizens group concerned about metals, TDS, and sediment impacts to Yuba River in Northern California. Developed effective defense strategy. Directed technical evaluations and fieldwork to address potential contaminant sources, ground water-surface water impacts, mining operational history, and water use in area. Produced expert documents and rebuttals. Successfully addressed concerns and the lawsuit was dropped.

Expert for lawsuit between two major Silicon Valley chip manufacturers concerning responsibility for extensively commingled chlorinated VOC plumes. Directed fieldwork and evaluations to develop technically defensible past and future allocations based on observational data, ground water flow and solute transport modeling, remediation costing, and operational histories. Generated expert reports and rebuttals. Reached favorable settlement on behalf of client.

Assisted airline in lawsuit concerning jet fuel plume at San Francisco International Airport involving other airlines and an oil company. Developed strategy, directed investigations, performed evaluations (history, sources, fate and transport, fuel forensics, remedial costing), and generated expert documents to define allocation position. Reached favorable mediated settlement that led to remediation as chosen consultant for cooperative PRP group. Remediation involves multiphase hydrocarbon recovery to restore ground water, prevent worker exposure, and protect San Francisco Bay.

Provided litigation support to Southern California aerospace manufacturer for lawsuit involving insurer. Developed strategy and generated expert documents related to chlorinated VOC plumes. Conducted extensive

investigations and modeling as part of team (including fate and transport researcher from UC Berkeley and other consultants) to support cost recovery from insurer. Case was successfully resolved with client receiving significant monetary settlement.

Represented Santa Barbara County as expert for citizen's lawsuit by homeowners near County landfill with chlorinated VOC plume in overburden and fractured bedrock. Homeowner's suit was based on water supply impacts, gas migration, and home value complaints. Project involved ground water, outdoor air, and indoor air investigation, as well as risk assessment. Developed strategy and generated expert reports and rebuttals. Case was settled by County purchasing selected properties.

Provided litigation support for chemical manufacturer in California's Central Valley involving commingled chlorinated VOC, pesticide, and metals plumes with adjacent manufacturer. Supported strategy development based on previous RI/FS experience at site. Served as fact witness for depositions.

Developed financial reserve estimates for multiple remediation sites across the US for major airline in compliance with Sarbanes-Oxley protocols.

Managed environmental due diligence and remedial evaluations for Chevron in Southeast Asia and Latin America. Projects included Phase I ESAs for several shore-based logistics facilities that support off-shore oil platforms, as well as onshore exploration and production assets.

Managed third party review of a large scale remediation project for Chevron in the Middle East. Participated in expert team to evaluate investigation, risk assessment, and remedial planning and recommend future work.

Represented a utility on a South Pacific island responding to USEPA RFI and response actions for discharges of oil to the ocean. Conducted investigation to identify PRPs and respond to RFI. Managed SPCC and NPDES compliance projects for power generation facilities.

Directed ongoing investigation, risk assessment, and remediation project for a site in Hollister, California involving significant on-site and off-site TCE and perchlorate plumes. Project includes extensive investigation, remedial planning, source area remediation, groundwater containment system implementation, and replacement of water supplies for third party wells that have been impacted.

Investigated chlorinated VOCs in ground water at Palo Alto, California Superfund Site. Investigated ground water flow, conducted aquifer testing, and evaluated extraction well performance to assess contaminant migration and remediation effectiveness. Identified other responsible party and negotiated cost-sharing agreement. Negotiated remedial strategy with RWQCB and DTSC and implemented excavation/pump and treat remedy.

Performed investigations of 70 underground storage tank and fuel pipeline sites at U.S. Naval Air Stations in Northern California under RWQCB oversight, including Mare Island, Alameda, Crows Landing, and Skaggs Island. Investigated PCBs in soil and their potential to migrate to SF Bay.

Managed investigation, risk assessment, and remediation project for chlorinated VOC plume in fractured bedrock at maintenance center at San Francisco International Airport on behalf of airline under RWQCB oversight. Project involved extensive drilling, borehole geophysics, seismic reflection survey, aquifer testing, well survey, monitoring, modeling, risk assessment, in situ remediation microcosm testing, and DNAPL recovery. Primary concerns are potential impacts to water supply wells, vapor intrusion, and ecological receptors in San Francisco Bay. Negotiated MNA closure with RWQCB.

Directed investigation, risk assessment, and feasibility study for a chlorinated VOC plume under RWQCB oversight in Pleasant Hill, California for PRP group. Concerns include drinking water, indoor air, and ecological receptors. Project involves exterior investigation and modeling, complex potentially responsible party (PRP) negotiations, and high-profile public involvement. Negotiated final remedy involving SVE, chemical oxidation, and in situ permeable reactive barrier with zero valent iron.

Managed extensive investigation, risk assessment, and remediation of free phase and dissolved phase jet fuel in several active boarding areas at San Francisco International Airport for PRP group (oil company and airlines) under RWQCB oversight. Investigations involved drilling, geophysical surveys, extensive ground water flow evaluations and aquifer testing, monitored natural attenuation assessments, and LNAPL and dissolved jet fuel monitoring. Remediation involved long-term pilot testing of free product recovery by skimming and high-vacuum extraction (HVE). Final remediation by mobile and fixed system HVE is underway.

Managed investigation and remediation of chlorinated solvents and Stoddard solvent (LNAPL and dissolved) in shallow aquifer at maintenance facility at San Francisco International Airport for airline under RWQCB oversight. Remediation includes LNAPL recovery by HVE and in situ dissolved cleanup by enhanced aerobic degradation and chemical oxidation.

Managed human health and ecological risk assessment for fill material containing lead along a Steelhead habitat stream and adjacent residential area for Sonoma County Water Agency. Developed closure plan and negotiated innovative capping remedy with the RWQCB, which incorporates bike path design as protective barrier to exposure and mobilization.

Performed large scale hydrogeologic/surface water evaluation for 90 MGD radial collector wellfield adjacent to river with endangered species on behalf of Sonoma County Water Agency. Conducted long term aquifer tests to evaluate production well capacities and optimize water use in light of site conditions, projected future demand, and other system constraints.

Managed Phase I/II ESAs related to water supply and storm water system upgrades in Sonoma and Marin Counties, on behalf of Sonoma County Water Agency.

Served as Principal-in-Charge for 5-year, on-call contract for BART light-commuter rail system, consisting of six task orders related to construction of transportation facilities in areas containing impacted soil and ground water. Oversaw initial site assessment related to property acquisition, Phase II site investigations to determine material management and worker health and safety options, and procurement support.

Evaluated basin-wide effects of long term pumping from multiple municipal supply wells on the San Francisco Peninsula to assess sustainable water supply, potential for sea water intrusion, and potential for regional ground water plumes to impact supply wells.

Evaluated sustainability of ground water supplies in a large basin in Central Asia in support of the approval for a bottled water plant. Project was successful in receiving clearance and was constructed.

Managed investigation and risk assessment for shallow fuel hydrocarbon impacts at maintenance facility at San Francisco International Airport for airline under RWQCB oversight. Negotiated No Further Action for site.

Managed investigation, risk assessment, and site decommissioning for major maintenance facility at Oakland International Airport for airline under RWQCB and Alameda County oversight. Performed extensive drilling, aquifer testing, ground water flow evaluations, fate and transport modeling, human health-ecological risk assessments, and waste disposal to assist with facility closure.

Managed investigation and risk assessment of jet fuel releases associated with fuel hydrant system and tank farm at Seattle-Tacoma International Airport for airline under Washington Department of Ecology oversight. Negotiated fuel system in-place closure and *No Further Action* for jet fuel in vadose zone.

Performed investigation of jet fuel releases at several active boarding areas at Los Angeles International Airport for ensure compliance with RWQCB requirements. Investigations involved subsurface evaluations and hydrostatic pressure testing of fuel hydrant systems. Performed risk evaluations and feasibility studies of remedial alternatives. Negotiated compliance with airport authority and RWQCB.

Investigated jet fuel release and impacts to subsurface pedestrian tunnel in active boarding area at Los Angeles International Airport. Performed extensive air monitoring and risk assessment to ensure worker and passenger safety. Negotiated with airport authority and responsible parties to facilitate mitigation of air quality impacts to tunnel to reduce risks related to jet fuel impacts.

Investigated fuel hydrocarbon and chlorinated solvent impacts to soil and ground water at a large maintenance facility at Los Angeles International Airport. Project involves LNAPL recovery with skimmers and ongoing multiphase investigation.

Performed technical oversight of other consultants and represented client in PRP groups for investigation and remediation projects on behalf of airline for projects at Seattle-Tacoma International Airport, San Francisco International Airport, and Phoenix Sky Harbor International Airport.

Provided technical oversight for soil and ground water investigations (fuel and solvent sites), aquifer testing, natural attenuation evaluations, ground water modeling, pilot testing, and interim remedial actions at Portland Air National Guard Base, Portland International Airport, OR. Negotiated with Oregon DEQ.

Performed surface and ground water impact study of a former dolomite mine near Sonora, CA. The mine includes surface and underground operations, and the primary concern was impacts to streams and ground water. Generated report on liabilities that need to be addressed in reclamation.

Evaluated ground water resources and environmental impacts for due diligence evaluation of water supply development projects in Republic of Tajikistan, Poland, Israel, Switzerland, Russia, Ukraine, India, Mexico, Guatemala, Argentina, Peru, Brazil, and Chile. Negotiated environmental requirements and financial terms with funding sources and governmental agencies involved in investments.

Investigated hydrogeologic conditions and occurrence of DNAPL and dissolved phase VOCs at rail yard in Sacramento, CA. Evaluated site stratigraphy, ground water flow, and migration of VOCs via extensive drilling, geophysical surveys, aquifer testing, and monitoring. Implemented focused source and plume margin interim remedial measures to prevent further migration of VOCs in ground water. Quantified natural attenuation of VOCs and developed coupled ground water flow and solute transport model for Feasibility Study evaluations. Site involves extensive impacts and complex transient ground water flow system connected to major rivers. Developed and negotiated cost-effective final remedy optimizing natural attenuation and active remediation with DTSC and RWQCB. Investigated and remediated multisource shallow hydrocarbon and metals (lead) contamination in soil. Environmental cleanup has led to large Brownfields redevelopment.

Provided technical direction in developing and implementing efficient subsurface investigation based on borehole geophysics to map fractures as preferential flow paths and to delineate plume for PRP group in Benicia, CA. Project involves investigation and remediation of chlorinated VOC plume.

Directed development and implementation of efficient subsurface investigation based on borehole geophysics to map fractures as preferential flow paths at transportation facility maintenance station in the Sierra Nevada. Used results to delineate plume and demonstrate that receptors (stream and private wells) were not at risk.

Investigated several leaking underground storage tank sites in Sierra Nevada region, CA. Sites characterized by gasoline constituents in fractured granite aquifer. Designed and implemented comprehensive approaches

using outcrop fracture mapping, drilling, geophysical logging, and aquifer testing. Installed and operated combined soil vapor extraction and ground water extraction remediation systems to attain site closure and *No Further Action* determinations under RWQCB oversight.

Performed investigation and interim and final remediation at Fresno-Yosemite International Airport, CA for PRP group. Concern was widespread TCE impacts to sole source aquifer in area of numerous public and private water supply wells. Oversight performed by RWQCB, DTSC, and DHS-ODW. Conducted expedited ground water investigation to define extent of TCE to depth of 300 feet over several square miles. Conducted borehole geophysical surveys to define site conditions, extensive monitoring, natural attenuation evaluations, well surveys to locate numerous impacted and at-risk wells, water well replacement, and PRP searches. Participated in public meetings to address community concerns. Performed aquifer testing and developed ground water modeling as input to engineering evaluation/cost analysis to optimize plume capture and replacement of lost water supply with 2,000-gpm wellhead treatment system for use in Fresno water supply system. Performed in situ chemical oxidation pilot study. Completed remedial investigation and feasibility study to define long-term plume management remedy, as well as developed Contingency Plan for monitoring and replacing at-risk water supply wells near the plume, as necessary.

Provided investigation, hydrogeologic analysis, remediation, and strategic planning for major refinery involving several MTBE sources and pipeline leak of over 3 million gallons of gasoline in Bakersfield, CA. Conducted extensive investigation, geophysical surveys, well surveys, water well replacement, aquifer testing, pilot studies, and ground water modeling. Prioritized resources and activities to focus on risk-based remediation and developed related \$24-million environmental reserve budget. Optimized soil vapor extraction, LNAPL recovery, ground water infiltration, and ground water extraction to cost-effectively manage risks. Prioritized 37 sites at refinery to sequence remediation and closure as necessary. Completed due diligence and compliance projects as well. Facility under RWQCB oversight.

Investigated soil, surface water, and ground water degradation resulting from 180 tons of buried elemental phosphorus in wetlands. Assessed ground water-surface water interactions and chemical fate and transport, including plant uptake. Prepared Removal Action Workplan to evaluate feasibility of remedial options. Negotiated in-

place closure based on fate and transport analysis documenting immobility of phosphorus, saving client \$6 million relative to excavation program originally proposed by DTSC.

Performed integrated hydrogeologic study of multilayer, coastal aquifer system at industrial landfill at Mare Island Naval Shipyard in Vallejo, CA. Used aquifer monitoring and testing to evaluate ground water flow, tidal influences, and contaminant transport.

Performed and managed many Phase I/II ESA, due diligence projects for a wide range of properties and clients to document liabilities and facilitate property transfers.

Determined distributions and possible sources of hazardous organic and inorganic substances in soil and ground water at chemical storage and transfer facility to assess real estate transaction liability.

Investigated metals, organic compounds, and naturally occurring chrysotile asbestos at proposed sewer construction site in San Francisco, CA. Determined potential human health risks and hazardous waste disposal requirements.

Geologist for U.S. Nuclear Regulatory Commission, providing evaluations of potential high-level radioactive waste repository sites throughout the US and in Germany. Used geologic, geophysical, and hydrologic data from Basalt Waste Isolation Project, Deaf Smith County bedded salt, and Yucca Mountain volcanic high-level radioactive waste repository sites to evaluate site licensing. Evaluated uranium mine tailings under UMTRA program for sites in the western US in light of reclamation requirements.

Intern geologist with USGS Eastern Minerals Division assessing disseminated gold deposits in the southern Appalachians.

Used stratigraphic and seismic reflection data to complete seismic modeling project and evaluate petroleum-producing potential of paleozoic carbonates in area of Midland Basin for major oil company.

Integrated lithologic/structural field data and petrographic analysis to characterize geology of area in southern New Brunswick, Canada for master's thesis.

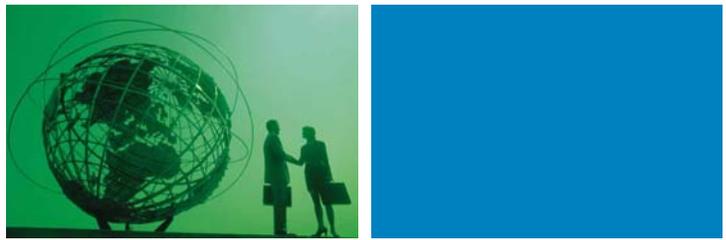
Publications (continued)

- Chemburkar, A, Dyer, R., Lind, D, Warner, J, Brown, D, Tisoncik, D. *Sequential Enhanced Bioremediation and*

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Peter Baty

Program Director



Peter is a Program Director based in ERM's Walnut Creek, California office. Peter has over 13 years of experience in the environmental consulting/ engineering field with expertise in environmental due diligence and liability assessment; environmental, health and safety (EHS) compliance assurance; and corporate social responsibility advisory services.

Peter advises clients on a wide range of transaction types, encompassing mergers, acquisitions and divestitures. He is often involved in the quantification of financial liabilities associated with site contamination and operational EHS issues. He also advises clients during contract negotiation and the development/ implementation of mitigation plans. In addition, he works with industrial clients to develop strategies to ensure EHS compliance.

Peter provides consulting services to a wide variety of multi-national private and public sectors including banking & finance, food & drink, manufacturing, defence, chemicals, utilities, pharmaceutical, and transportation.

In addition to working in North America, Peter spent four years working in Asia Pacific, based in ERM's Sydney, Australia office. Peter has an in-depth understanding of the global landscape, with projects conducted and/or managed in locations throughout Europe, Asia, North America, and South America.

Peter is an active member of the ERM Foundation, a unique non-profit employer/employee partnership that provides financial and human resource support to community and grass roots environmental and social efforts around the globe. He served on the North America Board of Directors 2001 to 2005 and established and managed the ERM Foundation in Australia from 2005 to 2007.

Professional Affiliations and Registration

- Registered Environmental Assessor (REA) California (07813)
- Engineer-in-Training (#017-0002310)
- Registered Auditor
NSW Greenhouse Gas Abatement Scheme
- 40-Hour OSHA Hazardous Waste Operations and Emergency Response with current 8-Hour Refresher

Fields of Competence

- Phase I and II environmental liability assessments
- Corporate advisory services
- EHS compliance and risk management (multimedia)
- Pollution prevention/waste minimization
- Environmental training
- Environmental management systems
- Sustainability / corporate social responsibility
- Soil and groundwater investigation and remediation

Education

- B.S., Civil/Environmental Engineering, University of Vermont, 1994
- M.S., Environmental Management, University of San Francisco, 2001

Key Industry Sectors

- Energy
- Banking & Finance
- Consumer Manufacturing
- Food & Drink
- Transportation
- Chemicals
- Defence
- High Tech
- Agriculture
- Pulp & Paper

Due Diligence

Peter has managed and performed transactional due diligence efforts at hundreds of sites throughout North America, Europe, Australia/New Zealand, and Asia to support mergers, divestitures, acquisitions, real property transfers, lease evaluations, foreclosures, and financing. Summaries for several recent example projects are provided below:

Phase I Environmental Site Assessments (ESAs) –

Performed or managed hundreds of Phase I ESAs in North America to the ASTM E 1527-05 and -00 Standards and the standards for conducting all appropriate inquiries (AAI) set forth by the USEPA at 40 CFR Part 312.

Environment and Social Due Diligence and Compliance Assessment - Palm Oil Plantation and Mill Facility, Papua New Guinea:

Managed a team of three auditors to perform a comprehensive environmental assessment, including preliminary Phase II sampling. The assessment was commissioned to address significant environmental and human health impact claims made by the local community and international NGOs.

EHS&S Due Diligence Assessment – British Petroleum in Jilin, China:

Assessment for a potential ethanol facility acquisition in Jilin, China. Audit included assessment of material environmental, OHS, and social issues/liabilities. Key areas of concern were identified and presented to the BP acquisitions team.

Environmental Liability Assessment – Non Operational Mining Sites (Confidential Client), Montana, USA:

Developed comprehensive environmental liability estimates for several inactive mining sites in preparation for bankruptcy proceedings.

Environmental Due Diligence – Burke Industries Facility, San Jose, California:

Assessment for a proposed acquisition by Mannington Mills Inc. Based upon the initial assessment, a Phase II subsurface investigation was performed. Additional services provided included interactions with insurance brokers & providers, regulators, and financial providers; assistance with contract negotiations; and assistance with regulatory disclosure documentation.

Environmental Vendor Due Diligence and Compliance Assessment – United Airlines Aircraft Maintenance Facility, Oakland, USA:

Performed environmental assessment required for the closure of a large United Airlines manufacturing and maintenance facility in Oakland, California.

Environmental Due Diligence – Paine & Partners, 11-Site Manufacturing Facility Portfolio, Global:

Managed a global team to assess environmental liabilities at eleven (11) facilities, each located in a different country over five continents.

EHS Acquisition Due Diligence Assessments – 30+ Pulp & Paper Facilities (Confidential Client), Australia and China:

Managed a team of eight auditors to perform EHS liability assessments for a potential acquisition.

Phase I and II EHS Vendor Due Diligence Liability Assessments – Battery Manufacturing Facilities (Confidential Client), New Zealand and Australia:

Managed a team of three auditors to perform Phase I and II divestiture assessments on four battery manufacturing facilities in (2) New Zealand and (2) Australia.

Environmental Acquisition Due Diligence Assessments and Compliance Audits – Drill Rig Manufacturing and Maintenance Facilities (Confidential Client), New Zealand, Australia, and Indonesia:

Managed a team of five auditors to perform Phase I due diligence liability assessments and compliance audits on five facilities.

EHS Due Diligence Liability Assessments – Water Tank Manufacturing Facilities, Mexico City and Toluca, Mexico:

Performed EHS audits at two manufacturing facilities in Mexico City and Toluca, Mexico. Audits were performed to evaluate compliance with internationally recognised standards (World Health Organisation and the World Bank), as well as Mexican federal, state, and local requirements. Audits were performed for the Overseas Private Investment Company (OPIC) to fulfil due diligence requirements prior to international investment.

EHS Due Diligence Liability and Compliance Assessments, New South Wales and Victoria, Australia:

Managed a team of three auditors to perform EHS compliance and acquisition due diligence liability assessments on two plastics manufacturing facilities.

In addition to the projects described above, Peter has provided due diligence services to the following clients:

- CVC
- TPG
- KKR
- HP
- BP
- Intel
- Merck
- J&J
- ANZ Bank
- Koch Industries
- Honeywell
- Procter & Gamble
- Dow Chemical
- Cisco Systems
- United Airlines
- Arch Chemicals
- Citigroup
- Mitsui
- Virgin
- Alcoa
- Rio Tinto
- Greif
- Goodrich
- Covidien

Compliance Assurance

Peter has managed and performed EHS compliance audits at over 150 sites throughout North America, Europe, Australia/New Zealand, and Asia to support mergers, divestitures, acquisitions, real property transfers, lease evaluations, foreclosures, and financing. Summaries for several recent example projects are provided below:

EHS Compliance Assurance Management System Development – Chevron, Richmond, CA: Managed the development of a comprehensive EHS compliance assurance management system for the Richmond Refinery.

Environmental Compliance Audit Program (Multi Site) – Koppers Asia Pacific: Managed the implementation of Koppers’ Asia Pacific environmental compliance audit program. 14 heavy industrial and chemical sites located in Australia, New Zealand, China, South Africa, Malaysia, and Fiji.

EHS Compliance Audits – Cadbury Schweppes Facilities in Dunedin and Auckland, New Zealand: EHS program audit and regulatory review against Cadbury internal and external regulatory standards). Potentially significant compliance and liability issues were highlighted.

Environmental Compliance – United Airlines, Western United States: Served as the temporary western-region compliance coordinator for United Airlines (9-month period). Helped develop, implement, and audit a comprehensive compliance program to ensure environmental compliance at over 20 stations and maintenance facilities.

EHS Compliance Audits – Penford Facilities in Auckland, New Zealand and Sydney, Australia: EHS compliance audits (against Penford Corporate and regulatory standards) of three facilities manufacturing food-grade starches, proteins, and other wheat or maize derived products.

EHS Compliance Audits – Goodrich Maintenance Facilities, New Zealand and Australia: Managed a team of three auditors to perform EHS audits on two Goodrich aircraft parts maintenance facilities.

EHS Compliance Audits – Beauty Products Manufacturing Facilities, Los Angeles, USA and Sydney, Australia: Works included site reconnaissance, site history review, regulatory authority’s liaison, and

report preparation. Potentially significant compliance and liability issues were highlighted.

Compliance Assurance and Pollution Prevention Assessments – United States Air National Guard, Western United States: Developed Compliance Assurance and Pollution Prevention Management Action Plans for 20 Air National Guard Bases across the western United States. Plans were developed to implement cost-effective strategies for compliance with existing or new environmental requirements, while minimising or eliminating potential hazards to human health and the environment. Program resulted in significant reductions in raw materials use, hazardous and solid waste generation, air and wastewater emissions, and storm water pollutants, and in increase in amount of materials recycled. Program has also provided significant cost savings to client.

Storm Water Management Program – Caltrain, San Jose to San Francisco, USA: Developed storm water management program for Caltrain, a Northern California commuter railway (including stations, maintenance facilities, and rights-of-way). Developed SPCC plans and obtained industrial NPDES wastewater and storm water discharge permits at various locations.

Storm Water Management – Greif Inc., Various Locations, USA: Developed SWPPPs for multiple Greif Inc. metals fabrication and packaging sites in eight western states. Included program management, facility storm water and hazardous waste management assessment, employee training, and reporting. Assisted in development of online deliverable database, providing facility managers and program managers easy access to each facility’s various environmental plans (including SWPPPs, ACM surveys, SPCCs).

In addition to the projects described above, Peter has performed EHS compliance audits to the following clients:

- Koppers
- PPG
- BP
- Intel
- ProLogis
- Penford
- LSI
- Honeywell
- Procter & Gamble
- Dow Chemical
- Cisco Systems
- United Airlines
- Bluescope Steel
- Arch Chemicals
- Virgin
- Alcoa
- Rio Tinto
- Greif
- Goodrich
- Nyrstar
- Lennox

Corporate Advisory Services

Social Responsibility Policy Development – South East Asian Investment Fund (Confidential Client):

Developed an investment-level CSR policy for a newly established South East Asian industrial investment fund. The project included workshops with key decision-makers, a benchmarking assessment of peer investment groups, and the development of a policy focusing primarily on the fund's ability to influence the environmental and social performance of its investment companies (i.e., the fund's external impacts).

EHS Compliance Management System Development - Global Oil & Gas Company (Confidential Client), California:

Developed an environmental, health & safety regulatory compliance management system for a large oil refinery, on behalf of a global oil & gas company. This project was part of an early adopter program in anticipation of a global roll-out to all facilities globally (roughly 150 facilities).

Partnership Risk Review, Major International Conservation Organisation and a Major Australian Bank:

Performed an environmental, social and human rights risk review of the partnership between a large conservation NGO and a "big four" Australian bank. Included detailed assessments to identify potential reputation risks as well as presentation of methods to minimise these risks for each organisation or the partnership.

Waste Treatment Industry/Market Analysis - Confidential financial investment client, USA, UK, and Canada:

ERM prepared a high-level, but comprehensive report, to allow the client to better understand the waste treatment sector and the potential drivers, incentives, and barriers associated with operating in the US, UK, and Canada (federal and state/province/territory). Assessments addressed key market drivers/barriers, industry trends, consumer sentiment, government incentives, and profiles of key global players. Further in-depth assessments performed on the following types of waste/waste treatment: electronic waste (e-waste), automotive shredder residue (ASR), and waste to energy (WTE) technologies.

Global Product Risks and Opportunities Assessment – BlueScope Steel: ERM performed a product risks and opportunities assessment in all areas across the globe where BlueScope products are sold. Assessments addressed specific existing and pending legislation that could encourage or inhibit the sale of BlueScope products,

market and consumer sentiment trends analyses, and other potential risks or opportunities for BlueScope products globally.

Sustainability Reporting Data Verification – Zinifex (now Nyrstar), South Australia and Tennessee: Audited sustainability reporting data for the world's largest lead smelter in South Australia and a large zinc smelter in Tennessee.

Waste Classification and Management Assessment - Aluminium Processing, NSW, Australia: Managed a team of experts in assessing the hazardous characteristics (including human and ecological toxicity) of aluminium waste and determining the options for management (including shipment overseas for recycling under the auspices of Basel Convention).

Greenhouse Gas Abatement Scheme Audit, NSW Australia: Contracted by IPART to conduct a positive assurance audit of NSW Greenhouse Gas Abatement Certificates (NGACs) by Commonwealth Bank of Australia (CBA) under the NSW Greenhouse Gas Abatement Scheme (Project Manager and Lead Auditor).

Greenhouse Gas Management – Semiconductor Manufacturing, San Francisco, USA: Developed a comprehensive greenhouse gas (GHG) emissions management presentation for Seagate Technologies. Included current and anticipated GHG reduction treaties, regulations, voluntary programs, and consumer demand trends in the United States and abroad. Presented strategies and recommendations for measuring, reporting, and reducing the company's direct and indirect GHG emissions.

Solid Waste Management - Semiconductor Manufacturing, San Francisco, USA: Developed a software program as a self-assessment tool for manufacturing facilities world-wide to assess current waste streams and to assist with identifying and strategically targeting specific waste streams for recycling or reduction opportunities.

Environmental Reporting – Semiconductor Manufacturing, San Francisco, USA: Evaluation of current environmental management and reporting trends among the world's largest semiconductor and electronics manufacturers. Areas evaluated included energy usage, greenhouse gas emission, lead-free manufacturing, environmental sustainability, and corporate responsibility and product stewardship.

Chimi Yi



Ms. Chimi Yi has three years of experience in the environmental consulting industry. Her experience includes ground water sampling and monitoring programs, and soil, soil vapor, and ground water investigations for transportation, manufacturing, and other industrial clients. She has planned, conducted, and managed investigation activities at rail yards, rail stations, airports, and distribution and manufacturing sites in Northern California.

Ms. Yi is well versed in ground water monitoring programs, including installation of ground water monitoring wells. She is knowledgeable of various drilling techniques, including hand auger, hollow-stem auger, air rotary casing hammer (ARCH), mud rotary, Sonic, direct-push, and cone penetrometer testing (CPT). She is also experienced with a wide variety of sampling techniques for soil, active and passive soil vapor, and ground water, including split-spoon, Summa canisters, passive diffusion, low-flow purge, and HydroPunch.

Ms. Yi has prepared several site-specific sampling and analysis plans and work plans. She has evaluated extensive analytical data sets to characterize the distribution of constituents of concern at numerous sites. Additional experience includes preparation of Phase I Environmental Site Assessment (ESA) reports, underground storage tank (UST) closure documents, quarterly ground water monitoring reports, and final reports summarizing site investigation activities and results, including tabulation and interpretation of analytical and field test data.

Fields of Competence

- Hazardous waste, soil, and ground water investigations
- Subsurface drilling with rotary and direct-push technology
- Soil logging
- Ground water sampling by various techniques, including passive diffusion bags and low-flow purge
- Soil, soil vapor, and indoor air sampling techniques
- Installation of monitoring wells and soil vapor probes
- Data collection, evaluation, and management
- Phase I environmental site assessments

Education

- M.S., Applied Geosciences, San Francisco State University, 2005
- B.A., Geology, University of California - Berkeley, 1999
- OSHA 40-Hour Health and Safety Training

Key Industry Sectors

- Transportation
- Manufacturing and Distribution

Key Projects

Assisted with site investigation activities involving a regional VOC ground water plume in Pleasant Hill, CA. Multiple parties have contributed to the VOC ground water plume, which extends beneath a residential neighborhood. Soil vapor and indoor air impacts have resulted in the residential neighborhood from the commingled VOC plume. Responsible for planning, managing, and evaluating data collected during quarterly soil vapor and ground water monitoring events. Coordinated with property owners in the residential neighborhood for indoor air monitoring events. Supervised installation of ground water monitoring wells and soil borings, CPT investigations, and chemical oxidation injection programs. Conducted soil, soil vapor, indoor air, and ground water sampling using passive diffusion samplers and HydroPunch for ground water, direct-push techniques for soil, and Summa canisters for soil vapor and indoor air.

Served as Project Manger for a drinking water monitoring program for a fleet of aircraft for a major airline at San Francisco International Airport. Responsible for coordinating with site personnel, subcontractors, and scheduling monitoring events.

Served as task manager for a groundwater monitoring program at a major international airport. The project involves a chlorinated solvent plume within a deep sand aquifer and shallow Franciscan bedrock. Responsible for coordination of ground water monitoring, supervision and implementation of well installation using mud rotary methods, interpretation of ground water analytical data, and technical report preparation for submittal to the San Francisco Bay Regional Water Quality Control Board (RWQCB).

Participated in site investigation activities involving TCE in ground water at a warehouse facility in Benicia, CA. The project involves a chlorinated solvent plume within a complex sedimentary and bedrock subsurface. Supervised installation of ground water monitoring wells and soil borings. Conducted soil, soil vapor, and ground water sampling using passive diffusion samplers and HydroPunch for ground water, CPT and direct-push techniques for soil, and Summa canisters for soil vapor. Responsible for interpretation of ground water analytical data and stratigraphic data, development of a geologic site conceptual model, and technical report preparation for submission to the RWQCB.

Participated in site investigation activities involving TPH in soil and ground water at a railroad yard in Watsonville, CA. Supervised installation of ground water monitoring wells and soil borings. Conducted soil and ground water sampling using HydroPunch for ground water, and split-spoon sampling and direct-push drilling for soil.

Participated in capacity analysis activities for collector wells in Northern California. Collected water quality data and monitored pressure transducers installed in observation wells. Responsible for managing and evaluating water level data and creating graphical representations of the data.

Conducted and managed Phase I environmental site assessments and associated Phase II site investigations for various commercial and industrial sites in Northern California. Phase I assessments included site visits, personnel interviews, regulatory agency file reviews, and review of historical documents, aerial photographs, and Sanborn maps. Prepared final report documentation for Phase I and Phase II investigations.

Field team leader for data inventory of on-site equipment for a major airline at San Francisco International Airport. Reviewed equipment operating manuals to obtain standard specifications. Performed physical examination of each piece of ground service equipment to develop more detailed description of every part and specification for inclusion in client's inventory.

For several site investigation and remediation projects, conducted detailed lithologic logging of subsurface soils; handled data entry; graphical representation of data; assembly of boring log figures; and writing, editing, and assembly of technical reports.

Conducted stratigraphic and age investigation of coastal sediment deposits in San Francisco, CA, for San Francisco State University. Collected sediment samples for age-dating using optically stimulated luminescence (OSL) technique. Participated in laboratory preparation of samples for OSL dating at Desert Research Institute in Reno, NV.