APPENDIX D

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PHASE I ENVIRONMENTAL SITE ASSESSMENT

ELK GROVE CENTER, COSUMNES RIVER COLLEGE
10051 BIG HORN BOULEVARD
ELK GROVE, CALIFORNIA

PROJECT NUMBER: 2019-00100
January 20, 2020

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geophysics - environmental - geology

January 20, 2020
Project No. 2019-00100

Mr. Dan McKechnie
Director of Facilities Planning
3753 Bradview
Sacramento, CA 95827

Subject: Phase I Environmental Site Assessment
10051 Big Horn Boulevard
Elk Grove, CA 95757
APNs: 132-2140-001, 132-2140-002

Dear Mr. McKechnie:

We are pleased to present the following report, which contains the findings and conclusions of our Phase I Environmental Site Assessment conducted for the subject site. This report was designed to provide a Phase I Environmental Site Assessment in compliance with the ASTM E 1527-13 Standard and is in accordance with the All Appropriate Inquiries (AAI) rule standard. This report is also developed in compliance with the *Department of Toxic Substances Control Phase I Site Assessment Advisory: School Property Evaluations*, *Revised September 5, 2001*. Findings for this project have been provided in the body of the report and are listed in the executive summary.

Petralogix Engineering, Inc. uses professionals who meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. As an environmental consulting company, we have the specific qualifications (based on education, professional certification, training, and experience) to assess properties. Petralogix has developed and performed the all appropriate inquiries in conformance with the standards and practices as set forth in 40 CFR 312.

We appreciate the opportunity to provide our expertise on this project and look forward to providing other services in the future. Please feel free to contact us if you have any questions.

Sincerely,
Petralogix Engineering, Inc.

PROFESSIONAL GEOLOGIST
Daniel Edward Kramer
No. 8657
STATE OF CALIFORNIA

Heather R. Shaddox, Project Geologist
B.Sc. Geology, GIT No. 507

Daniel E. Kramer, President
Professional Geologist No. 8657

Petralogix Engineering, Inc.
26675 Bruella Road, Galt, Ca 95632
(209)-400-5729
www.petralogix.com

PHASE I ENVIRONMENTAL SITE ASSESSMENT – IMPORTANT CONSIDERATIONS AND LIMITATIONS

Contact Petralogix to Discuss all Questions

It is important to contact our firm whenever you have any questions. The value in retaining our company for your environmental consulting needs is that we are here to help and guide. No question or comment is unimportant to Petralogix. We can save our clients time, money, and confusion by discussing development components at critical times within a project's timeframe. We are here to help regarding possible environmental conditions that could affect your project.

Limitations of the Phase I Environmental Site Assessment (ESA)

When reviewing and considering the final Phase I ESA report it should be understood that it is not intended to be an all exhaustive end all review. Rather, a Phase I Environmental Site Assessment is written to provide database search results, third party information, observations, and professional opinions regarding a specific site for a specific project, under a specific timeframe.

There are many uncertainties that can exist about a property even with appropriate review being met under the requirements of the AAI and ASTM standards. Additional research can be performed to aid in a higher level of certainty about a site's historic environmental risk. The amount of research required to do this depends on the type of property, the risk tolerance of the client, and information developed in the course of the property review.

This Phase I ESA Report is useable for 180 days from the date of completion. The Report is produced for the client and project owner, and may not be used by a different entity or person without also satisfying the User's Responsibilities and having express consent from Petralogix Engineering, Inc.

Client & User Responsibilities

The ASTM Standard E1527-13 requires the user to be involved in the process and adequately inform professionals of their whole knowledge for a site. In order to meet the requirements to qualify for the innocent landowner defense within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) the following items must be performed.

- **Required** - review title and judicial records for environmental liens or activities and use limitations (AULs).
- **Must** - communicate any specialized knowledge or experience to the environmental professional that is material to recognized environmental conditions in connection to the property.
- **Must** - communicate any actual knowledge of environmental liens or AULs encumbering the property to the environmental professional.
- **Shall** - consider the relationship of the purchase price of the property to the fair market value. If the amount is lower, a written explanation of the lower value is required.
- **Must** - communicate commonly known or reasonably ascertainable information about recognized environmental conditions in connection to the property to the environmental professional.

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PHASE I ENVIRONMENTAL SITE ASSESSMENT
10051 BIG HORN BOULEVARD

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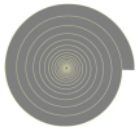

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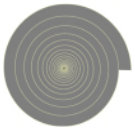

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APPENDIX E
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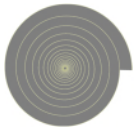


January 20, 2020

PHASE I ENVIRONMENTAL SITE ASSESSMENT

10051 BIG HORN BOULEVARD

ELK GROVE, CALIFORNIA

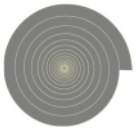
OUR PROJECT NO: 2019-00100

1.0 SUMMARY

Petralogix Engineering, Inc. has been retained by the Los Rios Community College District to conduct a Phase I Environmental Site Assessment for the property located at 10051 Big Horn Boulevard, in Elk Grove, Sacramento County, California. The site assessor parcel numbers (APNs) are 132-2140-001, -002.

Our firm conducted a Public Records review, in which information was obtained from both federal and state databases. Petralogix uses Environmental Data Resources Inc. (EDR) to assist and supply many of these documents. In addition, we have supplemented this data with regional and local sources to determine whether or not obvious recognized or historically recognized environmental conditions (RECs) may exist (and/or be known to exist by regulatory agencies) for the site. The search radius for this investigation extended to adjoining properties, and properties within a search distance varying from one-eighth to one mile, depending on the information type that was being researched.

Background and past uses of the subject property were investigated in great detail. Sources describing the physical characteristics of the property, many of the surrounding properties, and the general region were compiled for review. These sources were studied in order to determine the topography, geologic setting, and groundwater depth and flow direction beneath the property. Site reconnaissance of the subject property was also performed. Immediate surroundings were also reviewed during our site reconnaissance. The complete data review and summary required for compliance (under the ASTM and AAI standards) can be found in the body of this document. This assessment was conducted under the supervision of Daniel E. Kramer, Chief Professional Geologist (PG#8657) and President of Petralogix.



1.1 Executive Summary

1.1.1 Findings

The 16.69-acre site consists of the Cosumnes River College-Elk Grove Center. The campus includes one building with classrooms, laboratories, offices and mixed use spaces, a common use lawn area, a parking lot, and vacant land in the northwest and southernmost portions. The general vicinity consists mostly of residential and agricultural use. Elizabeth Pinkerton Middle School and Cosumnes Oaks High School are located across Whitelock Parkway to the north of the subject property.

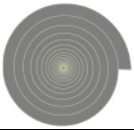
The subject property was vacant or agricultural land from at least 1894 to 1910. The subject property was a developed campus with one structure by 2013, with construction starting in late 2011 or early 2012. The on-site structure was built after 1980; building materials in the on-site structure are unlikely to contain lead and asbestos. Lead and asbestos are not a concern for the existing on-site structure.

The northern, central and part of the southern portions of the subject property were row or hay crops from at least 1937 to 2005, with a storage pond in the northern portion of the site from at least 1957 to 1972. Organochlorine pesticides may have been applied on-site in the past. This is considered a REC to the subject property. It is unknown what was stored in the historic pond; however, it is likely to be related to the agricultural use of the remainder of the subject property. Any water stored may have contained organochlorine pesticides related to the agricultural use on the site. This is considered a REC to the subject property.

The historic subject property address of 8355 Poppy Ridge Road included a farm with several farm/residential/barn structures with two wells and two septic systems built in the southern portion of the subject property between 1910 and 1972; the structures and septic systems were demolished with permit in 2006. These structures were built prior to the effective ban of lead paints and products and asbestos containing building materials. The potential for lead-based paints and products and asbestos containing building material leaching (or being physically mixed) into the soil near the previous location of the demolished structures and within a portion of the subject property is considered moderate to high. The demolished/former structures are therefore considered RECs. This farm (8355 Poppy Ridge Road) is listed on the HIST UST database for a 350-gallon underground storage tank of regular motor vehicle fuel installed in 1960. This site is also listed as inactive on the Sacramento Co. ML database. No record of removal was reviewed for the site. However, according to ENGEO (2004) a historic UST in the southern portion of the subject property was removed in approximately 1979, and sampling and testing by ENGEO in 2004 indicates that no release of petroleum hydrocarbons occurred. This is not considered a REC to the subject property.

Two abandoned wells related to the historic farm/barn structures (8355 Poppy Ridge Road) in the southern portion of the subject property were properly destructed in 2011 with Sacramento County EMD permits using sand cement and explosives. Prior to this, one well was improperly abandoned without a permit. A portion of the well casing was removed, rock was placed inside the casing, and the well was then buried with debris. Despite improper abandonment of one well previously, these wells were properly destructed with County oversight in 2011. This is not considered a REC to the subject property.

During site reconnaissance, the southern field was investigated for evidence of former historic structures as well as any evidence of the former wells; no evidence of former structures or wells was



observed. Minor staining was observed in the parking lot and a small pile of debris was observed in the southern field which consisted of concrete, metal posts, and plastic fencing.

Numerous surrounding sites and adjacent parcels were listed on some of the databases searched via EDR. None the sites listed likely to have current or former releases of hazardous substances and/or petroleum products with the potential to migrate to the subject property except for the following:

- G Suyenaga Nursery and Farm (8310 Poppy Ridge Road): This site is located 71 feet south (cross-gradient) of the subject property, across Poppy Ridge Road. This site is a farm listed on the HIST UST, SWEEPS UST, and CA FID UST databases for a 350-gallon underground storage tank of regular motor vehicle fuel installed in 1972. This site is listed as inactive on the Sacramento Co. ML database; however, no record of removal was reviewed for the site. If this UST were to leak and petroleum hydrocarbons to migrate to groundwater, this could be a concern to the subject property. However, based on the small capacity of the tank, depth to groundwater greater than approximately 70 feet bgs, and the nearby but cross-gradient location, it is unlikely that a release from this UST would impact groundwater and the subject property. This does not constitute a REC to the subject property.

The Tier 1 Screening for Vapor Intrusion at the subject property indicated that a UST 71 feet south/cross-gradient of the subject property (8310 Poppy Ridge Road), across Poppy Ridge Road, may cause a vapor intrusion/encroachment risk to the subject property if this UST were to leak. The vapor/instruction risk at the subject property from this UST is considered low, based on the small capacity of the UST and depth to groundwater at greater than 70 feet.

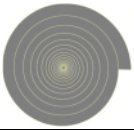
1.1.2 Conclusions

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 for 10051 Big Horn Boulevard, City of Elk Grove, California, (the subject property). Any exceptions to, or deletions from, this practice are described in the Limitations Section of this report. This assessment identified the following recognized environmental conditions (RECs) in connection with the subject property:

- The subject property was historically used as row crops or hay crops. Organochlorine pesticides may have been applied on-site in the past. This is considered a REC to the subject property.
- The historic storage pond in the northern portion of the subject property is considered a REC.
- The demolished/former structures in the southern portion of the subject property may have caused lead and asbestos to be present in the surrounding soil; this is considered a REC to the subject property.

This assessment has identified the following *de minimis* conditions:

- Minor staining observed in the parking lot.
- Small pile of debris in the southern field.



1.1.3 Recommendations

- Further investigation should be performed to evaluate whether any environmental media has been impacted by organochlorine pesticides applied to the subject property in the past.
- Further investigation should be performed to evaluate whether any environmental media has been impacted by the historic pond located in the northern portion of the subject property.
- Further investigation should be performed to evaluate whether lead and asbestos have been mixed into the on-site soil near the demolished structures in the southern portion of the subject property.
- The minor staining in the parking lot should be contained and monitored.
- The debris pile in the southern portion of the subject property should be removed.

ENVIRONMENTAL PROFESSIONAL?

A person who possesses sufficient specific education, training, and experience necessary to exercise professional judgment to develop opinions and conclusions regarding the presence of releases or threatened releases (per ASTM Standards E1527)

&

In California such a person must hold a current Professional Engineer's or Professional Geologist's license.

2.0 INTRODUCTION

2.1 Purpose

In order to qualify for certification for new construction, and to assist in California Environmental Quality Act (CEQA) assessment, the school district is conducting a comprehensive Phase I Environmental Site Assessments (ESA) to determine whether there has been, or may have been, a release of hazardous materials or the presence of naturally occurring hazardous material. In order to address concerns regarding potential liability for toxic hazards, real estate investors (lenders, brokers, buyers, and sellers) need to assess property prior to purchase. The main objective of any study should be to determine current and/or past occupants (or surrounding land uses) which could adversely impact property development, the environment, or the human health.

Performance of a Phase I Environmental Site Assessment according to ASTM Standard E1527-13 and the All Appropriate Inquiries (AAI) rule satisfies one of the requirements to qualify for landowner liability protections (LLPs) within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

The purpose of this Phase I Environmental Site Assessment is to identify to **the extent feasible**, pursuant to the processes prescribed by the AAI rule and in ASTM Standard E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process,* recognized environmental conditions in connection with the property. Additional investigative procedures, designed to meet the due diligence criteria specified by many lending institutions, have also been implemented. As defined by ASTM[1] E1527-13, §1.1.1, the term "recognized environmental conditions" or (REC) refers to:

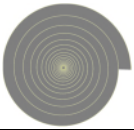
*"The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any **release** to the environment; (2) under conditions indicative of a **release** to the environment; or (3) under conditions that pose a material threat of a future **release** to the environment."*

Under CERCLA the definition of a **release** is given as:

*42 U.S.C. § 9601(22) defines a "**release**" as "any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment (including the abandonment or discharging of barrels, containers, and other closed receptacles containing any hazardous substances or pollutant or contaminant."*

It is important to note the issuance and consideration of Business Recognized Environmental Concerns, Historic Recognized Environmental Concerns (HREC), and/or Controlled Recognized Environmental Concerns (CREC). Each of these items is more clearly defined in the regulatory literature and standards. We have considered the application of these definitions as part of this review. We do this to help determine impact significance for sites which once had items of recognized

[1] American Society for Testing and Materials, www.astm.org



ASTM STANDARDS AND REQUIREMENTS

Phase I ESAs must be conducted in accordance with the current version of American Society for Testing and Materials International (ASTM) Standard E1527 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process", ASTM International in conjunction with ASTM Standard E1528 "Standard Practice for Environmental Site Assessments: Transaction Screen Process", ASTM International. For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. Contact Petralogix to discuss these requirements in more detail. If preferred, we can come to your office and present a 30-minute power point on the ASTM Standard as topic for better understanding. Contact us at questions@petraolgix.com to setup a presentation.

concern due to use and or historic practice, but for which a cleanup or change of regulatory law and regulation has removed the hazardous condition from the site.

2.2 Detailed Scope-of-Review

The scope of work performed to develop the information contained in this Phase I Environmental Site Assessment report includes:

1. Collecting available information concerning the property
2. Review of other data pertinent to the specific site
3. Conducting a site visit to assess physical features, observe adjacent land use, and gather evidence of indiscriminate and/or illegal waste disposal
4. Conducting a review of regulatory agencies' records
5. Contacting appropriate regulatory personnel,
6. Reviewing regulatory files regarding the property in question.
7. Detailed discussions with both the Client and all previous owners who are available to discuss the history of the site.

No previous environmental assessments were identified for review.

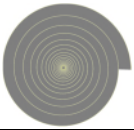
This Phase I Environmental Site Assessment discusses all work performed by Petralogix to date with regard to this specific project. The principal findings are outlined throughout the body of this text and are summarized in the conclusion of this report.

2.3 Significant Assumptions

No significant assumptions were made in the course of this assessment. To clarify, a significant assumption is defined in the following statement: "things and/or items that were based on speculative reports or study, or which were not verified through rigorous evaluation and objective review."

2.4 Limitations and Exceptions

This report was compiled as a Phase I Environmental Site Assessment for the subject project. This report contains information and data that was provided to Petralogix by a variety of outside sources.



Petralogix cannot warrant the accuracy and/or completeness of the information which was provided to us by those sources.

When an assessment is completed without adequate subsurface exploration or chemical screening very little certainty (or conclusive statement) can be made about the conditions of the soil and groundwater beneath a particular site. As is the case with this study, uncertainty regarding latent subsurface conditions which may be the result of on-site or off-site sources exists. In order to best determine with certainty these conditions, physical testing would be required. *Therefore, the findings and conclusions of this report are not scientific certainty, but rather a statement of probability based on professional judgment.* ***These statements of probability are based on the data gathered during the course of this investigation.***

Petralogix is not able to represent that the site or adjoining land contains no hazardous waste, oil, underground storage tanks, or other latent condition beyond that detected or observed by Petralogix during the Phase I Environmental Site Assessment. Without physical tests and additional review for those sites, we can determine no definite answer. A possibility always exists for contaminants to migrate through surface water, air, or groundwater. An investigation to determine whether or not contaminants are present in the surface and subsurface soil is not within the scope of work required to produce the Phase I Environmental Site Assessment. Chemical analysis of soil and groundwater samples to quantify levels of contamination are also not within the scope of work required to develop a Phase I Environmental Site Assessment.

As discussed in ASTM E1527-13, it is never possible to eliminate all uncertainty from an investigation of this type:

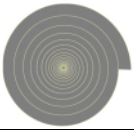
> No environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a property, and this practice recognizes reasonable limits of time and cost.

For this assessment, there were no specific limitations identified.

2.5 Special Terms and Conditions

As part of this certain materials are not fully evaluated including Asbestos, Mold, Radon, Vapor, or Lead. These are discussed and considered, but we are not proposing to provide characterization of these items (nor is characterization required or intended within the ASTM scope). Intention here is directed towards screening.

Our office has not been provided with any specific criteria for the development of this report that is separate from the general request to evaluate the property in question for possible problems related to toxic or hazardous agents. We have not been directed to address any specific questions concerning the site. If there is a need to conduct an investigation into a specific question not addressed in this report, please contact Petralogix immediately regarding your concerns.



2.6 User Reliance

This report was prepared for the exclusive use of Los Rios Community College District. No other person or entity is entitled to use or rely upon this report without specific written authorization from Petralogix. Such reliance is subject to the same limitations, terms, and conditions as our original contract with the above stated client(s). Petralogix specifically rejects any responsibility for unauthorized use of this report. Unauthorized use is any use that is not consented for by Petralogix in writing. This Phase I ESA is only reliable for 180 days from the date of the completion, January 20, 2020.

180 Day Limitation?

Phase I ESAs are only valid for 180 days. Many clients want a more detailed explanation of why. Over time, conditions may change at the site which cause an impact and form an environmental liability. *There are many examples of this happening. One value of retaining the same professional with time is that the revised and updated Phase I ESAs are generally more simplified than if using multiple consultants.*

3.0 SITE DESCRIPTION

3.1 Location and Legal Explanation

The subject property is located at the Cosumnes River College-Elk Grove Center campus, in Elk Grove, Sacramento County, located at the intersection of Whitelock Parkway and Big Horn Boulevard, approximately 1 mile west of Highway 99. To the north of the subject property is Whitelock Parkway, Elizabeth Pinkerton Middle School and Cosumnes Oaks High School. The site is located in a primarily rural area within the City of Elk Grove. The Cosumnes River College-Elk Grove Center address is 10051 Big Horn Boulevard, Elk Grove, Sacramento County, California, and consists of 16.69 acres of land (APNs: 132-2140-001, -002.).

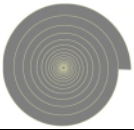
A general location map (Vicinity Map – Plate 1) and a general site map showing survey photograph locations (Site Map – Plate 2) are attached to this report in **Appendix A**. Photographs from our onsite field survey of the subject property are attached to this report as **Appendix B**.

3.2 Site and Vicinity Features

The 16.69-acre site consists of the Cosumnes River College-Elk Grove Center. The campus includes one building with classrooms, laboratories, offices and mixed use spaces, a common use lawn area, a parking lot, and vacant land in the northwest and southernmost portions. The general vicinity consists mostly of residential and agricultural use. Elizabeth Pinkerton Middle School and Cosumnes Oaks High School are located across Whitelock Parkway to the north of the subject property.

3.3 Current Use - Property

The subject property is currently the Cosumnes River College-Elk Grove Center campus, with one structure, one parking lot, and two vacant fields.



3.4 Descriptions of Structures, Roads, Other Improvements for the Site

In the northern portion of the southern half of the site, south of the campus entrance off of Big Horn Boulevard, there is one campus building with classrooms, laboratories, offices and mixed use spaces. South of the building is a common use lawn area. West of the building is a paved trash storage area. In the northeast portion of the site is a parking lot, with another campus entrance at the northern end of the parking lot, off of Whitelock Parkway. The northeast and southernmost portions of the site are vacant land.

3.5 Current Uses - Adjoining Properties

To the north is Whitelock Parkway followed by Elizabeth Pinkerton Middle School and Cosumnes Oaks High School. To the east, northeast, northwest are residential housing. To the west is Big Horn Boulevard followed by vacant land and some residential housing. To the south is Poppy Ridge Road followed by agricultural land and farm houses.

3.6 Physical Setting

3.6.1 Topography

According to the most recent United States Geological Survey Topographic map covering the subject property and vicinity[2], the subject property is at an elevation of approximately 35 feet above mean sea level. The site is relatively flat. The general area slopes shallowly toward the west-southwest.

3.6.2 Geology and Soils

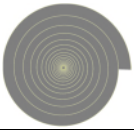
According to the most detailed Geologic Map covering the subject property and vicinity, the subject property consists of the middle unit of the Pleistocene Riverbank Formation (Qr_2)[3]. This is Arkosic alluvium containing some locally derived detritus, chiefly sand with some silt, likely glacial outwash.

In the northwest portion of the site, soil consists of San Joaquin-Galt complex (0-1 percent slopes) with high to very high runoff and moderately well-drained alluvium derived from granite. In the central and southwest portions of the site, soil consists of Bruella sandy loam (0-2 percent slopes) with medium runoff and well-drained alluvium derived from granite. In the southeast corner site soil consists of Galt clay (0-1 percent slopes) with high runoff and somewhat poorly drained clayey alluvium derived from igneous, metamorphic and sedimentary rock over cemented alluvium derived from igneous, metamorphic and sedimentary rock.[4]

3.6.3 Hydrogeology

The most recent groundwater elevation map found for the area is from Fall 2007[5]. At this time, the groundwater elevation at the site was roughly 40 feet below msl. The subject property is at an

[2] US Geological Survey, 2018, 7.5' Topographic Map, California, Florin Quadrangle.
[3] US Geological Survey Open File Report 80-849, Atwater, B.F., and Marchand, D.E., 1980, Preliminary maps showing Late Cenozoic deposits of the Bruceville, Elk Grove, Florin, and Galt, 7.5-minute quadrangles, Sacramento and San Joaquin Counties, California. Scale 1:24,000.
[4] UC Davis California Soil Resource Lab, SoilWeb.
[5] Sacramento County, California, Groundwater Elevations, Fall 2007. Department of Water Resources. https://waterresources.saccounty.net/Contour%20Maps/FALL%202007.pdf



elevation of approximately 35 feet above msl. Therefore, at this time depth to groundwater was 75 feet below ground surface (bgs). According to a Well Log for the destruction of two abandoned domestic wells at the subject property in 2011 (see Section 8.2.1), depth to groundwater was 72 feet bgs at this time. The subject property is in a region of a groundwater trough indicating that groundwater flows toward the center of the trough in all directions; however, nearest the subject property groundwater flow direction appears to be to the east based on the Fall 2007 groundwater map.

4.0 USER PROVIDED DATA

4.1 Title Records

Chain of title reports were not provided by the client for Petralogix's use in preparing this report. Environmental Data Resources, Inc. (EDR) performed a Title Search to identify any Liens and AULs associated with the subject property address of 10051 Big Horn Boulevard, City of Elk Grove, Sacramento County, California (APNs 132-2140-001, -002) recorded with the Sacramento County Recorder. There is a deed dated September 15, 2008 for APN 132-2140-002, identifying the subject property owner as Los Rios Community College District. No Liens or AULs were identified. The previous owner was not identified.

4.2 Environmental Liens or Activity and Use Limitations

No AUL or Environmental Liens were identified in the User Questionnaire. EDR performed a Lien and AUL search for the subject property address of 10051 Big Horn Boulevard, City of Elk Grove, Sacramento County, California (APNs 132-2140-001, -002). In addition, Petralogix reviewed the California EPA Department of Toxic Substances Control (DTSC) databases[6] of land use restricted sites: "Site Mitigation and Brownfields Reuse Program Facility Sites with Land Use Restrictions" and "Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction."[7] The subject property was not listed on either database.

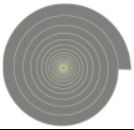
4.3 Specialized Knowledge and Awareness

Mr. Dan McKechnie indicated no specialized knowledge or experience that is important or relevant to assessing or identifying recognized environmental conditions in connection with the subject property.

4.4 Commonly Known or Reasonably Ascertainable Data

Mr. Dan McKechnie indicates knowledge of commonly known or reasonably ascertainable information related to the subject property that was relevant to this study or review. Specifically, the past use of the subject property is farmland. No specific chemicals are known to be present or previously present on the subject property. No spills or other chemical releases are known to have taken place on the property. No known environmental cleanups have occurred on the property.

[6] https://dtsc.ca.gov/land-use-restriction-sites/
[7] https://dtsc.ca.gov/dtscs-cortese-list/



4.5 Valuation Decrease for Environmental Matters

Mr. Dan McKechnie indicates the knowledge of valuation reduction of the subject property due to any environmental issues, or otherwise, is not currently applicable to the subject property.

4.6 Owner, Property Manager, and Occupant Data

Mr. Dan McKechnie indicates he is the Owner's Representative. The current owner is the Los Rios Community College District. Information provided by the owner of the subject property is discussed in more detail in Section 8.1.

4.7 Purpose for Performing Phase I ESA

Mr. Dan McKechnie indicates the Phase I ESA has been requested for certification for new construction.

Orphan Sites

An orphan site can be described as a toxic waste area where the polluter could not be identified, or the polluter refused to take action or pay for the cleanup. It therefore is of great significance for due diligence review.

5.0 RECORDS EXAMINATION

In preparing this report, Petralogix has engaged the services of Environmental Data Resources, Inc. (EDR) of Milford, Connecticut. EDR provided Petralogix with a list and profile of the recorded sites within the project study area that have been identified by regulatory agencies of significance.

EDR's report #5912702.2s is included as **Appendix D**. The date of the latest agency version of each database searched by EDR and the date EDR acquired the latest update are noted in the EDR report as part of the record for this Phase I ESA.

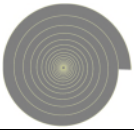
The EDR governmental database search included a list of "orphan sites." Orphan sites are locations which have a physical existence, but whose exact location is "fuzzy" and therefore, requires additional review to determine relevance to the site in question. These sites were not depicted on the EDR radius map of identified sites. EDR did not identify any "orphan sites."

5.1 Standard Environmental Records

A variety of standard environmental record sources have been reviewed based on the data provided by EDR in order to complete this report. Information on what sources were reviewed and search distances associated with those sources is listed in table form in **Appendix C**.

5.2 Supplementary Environmental Records

In addition to the standard environmental record sources, additional environmental records have been reviewed as well. These include a Phase I Environmental Site Assessment performed for the subject property by ENGEO Inc., dated February 2, 2004, and a Phase I Environmental Site Assessment Update performed for the subject property by Wallace Kuhl & Associates, dated July 22, 2008. These reports are discussed further in Section 5.3.1, and included as **Appendix H**.



5.3 Environmental Record Discoveries

5.3.1 Subject Property

The subject property is listed on an EDR database, as discussed in the following table. The site address for the subject property is 10051 Big Horn Boulevard.

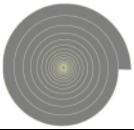
Subject Property Address	Source	Comments
CRC Elk Grove Center 10051 Big Horn Boulevard	CIWQS	This site is listed on CIWQS from November 2011 to August 2013 and June 2012 to April 2014 for storm water management during construction.
Conrad/Joyce Aarseth 8355 Poppy Ridge Road	HIST UST, Sacramento Co. ML	This site is a farm previously located in the southern portion of the subject property, listed on the HIST UST database for a 350-gallon underground storage tank of regular motor vehicle fuel installed in 1960. The site is also listed as inactive on the Sacramento Co. ML. No leaks or spills have been reported. This is discussed further following this table.

The subject property (10051 Big Horn Boulevard) is listed on the CIWQS database for storm water management during construction. This does not constitute a REC to the subject property.

The historic subject property address of 8355 Poppy Ridge Road included a farm with several structures. This farm is listed on the HIST UST database for a 350-gallon underground storage tank of regular motor vehicle fuel installed in 1960. This site is also listed as inactive on the Sacramento Co. ML database. No record of removal was reviewed for the site (see Section 8.2.1). However, two previous environmental review were available for review.

Phase I Environmental Site Assessment, ENGEO Inc., 2004
ENGEO Inc. performed a Phase I Environmental Site Assessment for the subject property dated February 2, 2004 (included as Appendix H) for the historic property address of 8355 Poppy Ridge Road. At this time, the southern portion of the subject property consisted of a single family residential home, a mobile home structure, a large barn, and four out buildings, with two wells and two septic systems. The remainder of the property consisted of small dairy operations, irrigated pasture, and a Christmas tree farm. This assessment included an interview with the previous owner, Mr. Conrad Aarseth. Mr. Aarseth stated that a 550-gallon gasoline fuel UST was removed from the southern portion of the site in approximately 1979 without permits. ENGEO recommended that a Phase II Environmental Site Assessment be conducted to determine if the former tank impacted the soil at the Property.

Phase I Environmental Site Assessment Update, Wallace Kuhl & Associates, 2008
Wallace Kuhl & Associates (WKA) performed a Phase I ESA Update (included as Appendix H) for the subject property dated July 22, 2008. Appendix C of this report includes a letter from ENGEO dated February 24, 2004 that details the results of Phase II ESA sampling at the subject property by ENGEO.



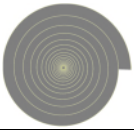
The former UST location was excavated (11 feet long x 9 feet wide x 6 feet deep) and five native soil samples were collected on the four side walls and the floor of the former tank location for analysis of petroleum hydrocarbons. Laboratory results indicate that no total petroleum hydrocarbons (gasoline, diesel, Benzene, Toluene, Ethylbenzene, and Xylenes) were detected at concentrations exceeding laboratory report limits in any of the five samples. ENGEO concluded that there are no data indicating historic leakage from the UST. Based on this assessment, the historic UST does not represent a REC to the subject property.

Through an interview with Mr. Rick Jordan (subject property owner at that time) and the City of Elk Grove Building Safety and Inspection Division, WKA documents that the historic structures were demolished with permit in 2006, along with two septic systems.

5.3.2 Surrounding Sites

Surrounding sites and adjacent properties were listed on some of the databases searched via EDR. See details below.

Facility Name	**Location (miles)**	**Source**	**Comments**
G Suyenaga Nursery and Farm 8310 Poppy Ridge Road	~71 feet south Cross-gradient	HIST UST, Sacramento Co. ML, SWEEPS UST, CA FID UST	This site is a farm listed on the HIST UST, SWEEPS UST, and CA FID UST databases for a 350-gallon underground storage tank of regular motor vehicle fuel installed in 1972. The site is also listed as inactive on the Sacramento Co. ML. No leaks or spills have been reported; however, given the close proximity to the subject property this may be a concern to the site. This is discussed further following this table.
Elizabeth Pinkerton Middle School 8365 Whitelock Parkway	~98 feet north Cross-gradient	RCRA NonGen/NLR	This site is a school listed on the RCRA NonGen/NLR database as a handler of hazardous waste. No violations are reported. This does not constitute a REC to the subject property.
Leonard H. Fehring 8399 Poppy Ridge Road	~614 feet east Down-gradient	HIST UST, Sacramento Co. ML	This site is a farm listed on the HIST UST database for a 250-gallon underground storage tank of unleaded motor vehicle fuel installed in 1956. The site is also listed as inactive on the Sacramento Co. ML. No leaks or spills have been reported. Based on this, and the small size of the UST, this site does not constitute a REC to the subject property.
Laguna Ridge High/Middle School No. 9 New Poppy Ridge Road/Big Horn Boulevard	~1337 feet north-northeast Cross-gradient	ENVIROSTOR, SCH	This site is a school listed on the ENVIROSTOR and SCH databases as having potential contaminants due to past agricultural use (row crops). No contaminants of concern were found and no action is required as of 2004. This does not constitute a REC to the subject property.



Facility Name	Location (miles)	Source	Comments
Laguna Ridge Elementary School #44 Elk Grove Boulevard/Bruceville Road	~2904 feet northwest Cross-gradient	ENVIROSTOR, SCH	This site is a school listed on the ENVIROSTOR and SCH databases as having potential contaminants. No contaminants of concern were found and no action is required as of 2006. This does not constitute a REC to the subject property.

G Suyenaga Nursery and Farm (8310 Poppy Ridge Road)

This site is located south (cross-gradient) of the subject property, across Poppy Ridge Road, roughly 71 feet from the site. This site is a farm listed on the HIST UST, SWEEPS UST, and CA FID UST databases for a 350-gallon underground storage tank of regular motor vehicle fuel installed in 1972. This site is also listed as inactive on the Sacramento Co. ML database; however, no record of removal was reviewed for the site. If this UST were to leak and petroleum hydrocarbons to migrate to groundwater, this could be a concern to the subject property. However, based on the small capacity of the tank, depth to groundwater greater than approximately 70 feet bgs, and the nearby but cross-gradient location, it is unlikely that a release from this UST would impact groundwater and the subject property. This does not constitute a REC to the subject property.

None of the other surrounding sites reviewed are likely to have current or former releases of hazardous substances and/or petroleum products with the potential to migrate to the subject property.

6.0 HISTORICAL USE DATA

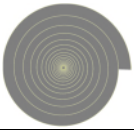
6.1 Historical Aerial Photographs & Topographic Maps

Aerial photographs and topographic maps of the subject property provided by EDR, and aerial photographs from Google Earth, were reviewed as part of this investigation:

Aerial Photograph Description Table

Date	Photo Description
1937 1947	The northern portion of the subject property appears to be vacant land. The center of the property appears to have an irrigation ditch. The southern portion of the property appears to be agricultural land with row or hay crops, two structures (likely farm houses or barn structures), several trees, and an access road. Smaller structures in the southern subject property may be present but obscured by trees. East-west trending roads border the subject property to the north and south. The general vicinity is agricultural land, including row crops and orchards, with several farm houses.

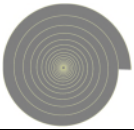
1957 1964 1966	The northern portion of the subject now appears to be a storage pond, and the southern crops extend farther north. There is an additional structure in the southern portion of the subject property. The general vicinity is similar to the previous photos.
1972	The center of the subject property is now cleared; to the south there are still row or hay crops. There appears to be one or two additional structures in the southern portion of the subject property. The northern portion of the site still appears to be a storage pond. The general vicinity is similar to the previous photos.
1984	The central and northern portions of the subject property are now one agricultural field of row or hay crops; the northern storage pond is no longer present. The southern portion is a different type of agricultural field still with several structures, likely farm houses. The general vicinity is similar to the previous photos.
1993	The subject property is now cleared of crops, possibly temporarily/seasonally, and is a vacant field in the north and central portions. Structures remain in the southern portion and more trees have been added in the southeast portion. The general vicinity is similar to previous photos.
1998	The subject property is similar to the previous photo (1993), with the exception of the north and central portions are again one field of row crops. The general vicinity is similar to previous photo.
2002 Google Earth	The subject property and vicinity is similar to the previous photo.
2005 Google Earth	The subject property still has row or hay crops in the north and central portions, but some of the trees in the southern portion have been removed. The general vicinity is similar to previous photo.
2006	The subject property is now cleared of crops and appears to be a vacant field. One of the structures in the southern portion has been removed. The general vicinity to the east, west, and south remain agricultural fields with farm houses. To the north and northwest there appears to be ongoing construction for both a residential neighborhood and possibly commercial use.
2007 Google Earth	The subject property is similar to the previous photo, but is now cleared of all structures. The general vicinity is similar to the previous photo; construction appears ongoing to the north and northwest.
2009	The subject property is now entirely cleared vacant land, apart from several remaining trees in the south and possibly several unpaved roads. To the north is now a high school and to the northwest a residential community is partially developed. Several paved roads now surround these developments. The east-west trending road to the north of the subject property is now paved and appears to be a main road.
2012	The subject property appears to be undergoing development. The central and northeast portions are now paved and appear to be the start of an entrance and parking lot, the northwest portion remains vacant, and the southern portion now has one large structure and several large dirt roads. The residential community to the northwest is significantly more developed.
2013 Google Earth	The subject property is now developed and appears to be a school facility (Cosumnes River College-Elk Grove Center). The northeast portion is now clearly an in-use parking lot. There is a north-south trending road developed adjacent



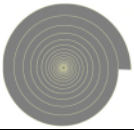
	west of the subject property that connects to a paved entrance to the site in the central portion. The northern portion of the southern half of the subject property has one large structure and a field area. The northwest and southernmost portions of the subject property remain vacant land. There is a paved region in the southern portion with several apparent containers. The general vicinity is similar to the previous photo, with the residential community to the northwest more developed.
2016	The subject property is similar to the previous photo, with the exception of the containers in the southern paved area are now removed. To the east and northeast there are additional housing developments in the general vicinity; the west and south remain agricultural land.

Topographic Maps

Date	Scale	Quadrangle	Map Description
1894	1:125,000	Lodi	The subject property and general vicinity are depicted as vacant land. There are four light duty roads that form a roughly 1.5 by 2 mile box around the subject property, two trend east-west to the north and south and two trend north-south to the east and west. There is also a northwest-southeast trending road roughly one mile to the east and a northwest-southeast trending railroad approximately 1.5 miles to the northeast. There are several structures depicted one mile to the northeast.
1909 1910	1:31,680	Florin Elk Grove Galt Bruceville	The subject property remains vacant. There is now an east-west trending unimproved road that terminates 0.25 miles to the east-southeast. There are more structures and unimproved roads depicted in the general vicinity.
1941	1:62,500	Franklin	There are now two structures depicted in the southern portion of the subject property; the remainder of the property is depicted as vacant land. The east-west trending road 0.25 miles from the subject property in the previous map is now a light duty road that extends farther west and borders the subject property to the south. There is now a structure depicted on the southern adjacent property. Multiple orchards and more structures are depicted in the surrounding vicinity. The northwest-southeast trending road to the northeast is depicted as a primary highway, labeled as Highway 99 and Highway 50.



Date	Scale	Quadrangle	Map Description
1947	1:50,000	Galt	The subject property and vicinity remain undeveloped and similar to previous map.
1952 1953	1:24,000	Elk Grove Galt Florin Bruceville	The subject property appears similar to the previous map, with one additional structure in the southern portion. The bordering road to the south is now a secondary highway labeled as Poppy Ridge Road. There is now a structure on the eastern adjacent property. The general vicinity has fewer orchards and more structures depicted, particularly to the northeast, east of Highway 99.
1968	1:24,000	Elk Grove Galt Florin Bruceville	There is now only one remaining structure on the subject property. The general vicinity is similar to the previous map.
1975	1:24,000	Elk Grove Galt Florin Bruceville	The subject property appears similar to the previous map. The general vicinity appears similar to previous map with further development to the northeast, east of Highway 99.
1980	1:24,000	Galt Florin Bruceville	There are now three structures depicted in the southern portion of the subject property. The general vicinity appears similar to previous map with further development to the northeast, east of Highway 99.
2012	1:24,000	Elk Grove Galt Florin Bruceville	The subject property has no structures depicted. The northern and southeast portions are depicted as woodland. There is now an east-west trending road bordering the subject property on the north labeled Whitelock Parkway. The general vicinity to the north and one mile to the west is now significantly developed with what appears to be mostly residential communities. The surrounding



Date	Scale	Quadrangle	Map Description
			vicinity to the east, west, and south remains mostly vacant land.

Based on the historical aerial photographs and topographic maps and supplemental information from Google Earth, the subject property was vacant or agricultural land from at least 1894 to 1910. Several farm/barn structures were built in the southern portion of the subject property between 1910 and 1972; the structures were removed between 2005 and 2007. Based on the aerial photographs, there was a storage pond in the northern portion of the site from at least 1957 to 1972, and the central, northern and part of the southern portions of the subject property were used as row crops or hay crops from at least 1937 to 2005. The subject property was a developed campus with one structure by 2013, with construction starting in late 2011 or early 2012. These photos and maps are included in **Appendix E**.

6.2 Sanborn Insurance Company Maps

An attempt was made by EDR to obtain Sanborn Insurance Company maps for the period covering the years 1894 through the present in order to determine what types of activities were conducted on the subject property and on adjoining properties. Sanborn maps for the subject property were not identified.

6.3 Local Street Directories

Cole Information and Dun & Bradstreet historical directory listings data by infoUSA[8] for Elk Grove were reviewed, including issues dated approximately every five years from 1970 through 2014. The subject property was not identified at the target address (10051 Big Horn Boulevard), or on the cross street Whitelock Parkway. Listings indicate neighboring properties consist primarily of commercial businesses and medical facilities, as well as an Elk Grove Unified School adjacent north. No listings material to RECs were identified in the City Directory findings. City Directory listings are included in **Appendix E**.

7.0 SITE RECONNAISSANCE

A visual reconnaissance of the subject property was conducted on January 7, 2020, by Tonya Scheftner. During the site visit, the weather was foggy and cold. A site map and photographs of the subject property are attached to this report in **Appendices A** and **B**.

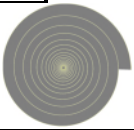
7.1 Procedure and Restrictive Conditions

The periphery of the subject property, northern and south fields, parking lot, and common areas of Elk Grove Center building were observed.

[8] Provided by EDR.

7.2 Petralogix Site Visit Worksheet

Site Visit Observations	
Subject Property: 10051 Big Horn Blvd.	**Weather:** Foggy, cold
Describe the current use of the property.	The subject property is currently used as a junior college campus – Elk Grove Center.
Describe evidence of historic uses on the property.	None observed.
Is there a Potable Water Source?	Well observed.
Is there a Sewage Disposal Source?	Sacramento Area Sewer District
Are there any onsite odors?	None observed.
Are there any pools of Liquid?	None observed.
Are there any electric or hydraulic equipment likely to contain PCBs?	Two ground-mounted transformers were observed in a fenced and locked area west of the Elk Grove Center building.
Are there any storage tanks located onsite?	None observed.
Are there any drums or other containers located onsite?	None observed, with the exception of small amounts of cleaning supplies in janitorial closets.
Observations – Structure Interior	
Are there any heating/cooling system?	Central heating and air.
Are there any stains or corrosion?	None observed.
Are there any sumps or drains?	None observed.
Observations - Exterior	
Are there any Ponds, Lagoons, and/or Pits?	None observed.
Is there any stained soil or pavement visible onsite?	Minor staining observed in parking lot.
Was there any solid waste storage or deposition onsite?	Atlas dumpsters were observed on the site. A small pile of debris that consisted of cement, metal posts, and plastic fencing was observed in the southern field.
Any noticeable wastewater discharge(s)?	None observed.



Site Visit Observations	
Are there any wells or septic systems visible onsite?	One well, currently in operation to serve the campus observed in fenced area east of the Elk Grove Center building. No septic systems were observed.
Observations – Vicinity Area	
Describe the topography of property and vicinity.	The subject property and vicinity are relatively flat.
Describe the current use of adjoining properties.	To the north is Whitelock Pkwy followed by Elizabeth Pinkerton Middle School. To the east is residential tract homes. To the west is Big Horn Blvd followed by undeveloped land. To the south is Poppy Ridge Road followed by rural residential lots.
Is there any evidence of past uses?	None observed.
Describe the current land uses in area.	Residential, Educational, Agricultural
Describe any evidence of past uses.	None observed.

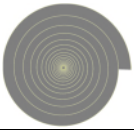
No RECs were observed during the site reconnaissance. A small pile of debris was observed in the southern field which consisted of concrete, metal posts, and plastic fencing which is considered *de minimis*.

During site reconnaissance, the southern field was investigated for evidence of former historic structures (such as slabs, footings, old building material) as well as any evidence of former wells; no evidence of former structures or wells was observed, however, there was tall grass, broken branches, and mulch piles which limited site observations.

8.0 INTERVIEWS

8.1 Interview with Owner / Site Manager and Key Individuals

Mr. Dan McKechnie, current Director of Facilities Planning for the Los Rios Community College District, was interviewed via an owner questionnaire (**Appendix F**) regarding current and historical use of the subject property. The current property owner is Los Rios Community College District; the purchase date and previous owners were not indicated. Current use of the property is as a higher education (general education) campus called Elk Grove Center. The subject property uses both a public water and sewer system with an age of 10 years, and uses both central electric and natural gas. There is currently a general education building built in 2009. No previous structures removed are known. No tanks are currently located on-site. Knowledge of past agricultural use is not known. Mr. McKechnie indicated that material safety data sheets and safety plans are available for the Campus, but were not provided.



8.2 Interviews with Local Government Offices

8.2.1 Sacramento County Environmental Health Division

The Sacramento County Environmental Health Division was contacted to determine whether any records were on file at that agency material to RECs in connection with the subject property address 10051 Big Horn Boulevard. The only records available are related to two abandoned wells at the site; this is discussed below. All of the records provided by SCEHD are available for review as Appendix G.

Abandoned Wells

The Environmental Management Department (EMD) discovered two abandoned domestic wells near an access road to a former house at the southern portion on the subject property (APN 132-2140-002). One well with open piping was discovered on September 28, 2010 and ordered to be inactivated, repaired or destructed by December 28, 2010; the other well with open casing was discovered on January 24, 2011 and directed to be inactivated, repaired or destructed by May 1, 2011. Around December 23, 2010 the first discovered well was improperly abandoned without a permit by Edward R. Bacon Company, Inc (ERBCO). A portion of the well casing was removed, rock was placed inside the casing, and the well was then buried with debris. Both the owners and ERBCO received a Notice of Violation from the EMD for this action. Both wells were then destructed properly and with a permit by Robert Allen Nix Well Drilling on June 22, 2011 using sand cement and explosives. These now properly destructed wells do not present RECs to the subject property.

Historic UST (8355 Poppy Ridge Road)

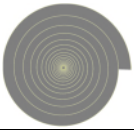
The historic subject property address of 8355 Poppy Ridge Road included a farm with several structures. This farm is listed on the HIST UST database for a 350-gallon underground storage tank of regular motor vehicle fuel installed in 1960 (see Section 5.3.1). A records request was submitted to the Sacramento County Environmental Health Division on January 12, 2019 for the historic southern subject property address of 8355 Poppy Ridge Road. No response has been received to date. However, a Phase I ESA performed by ENGEO in 2004 and a Phase I ESA Update performed by WKA in 2008 (sections 5.2 and 5.3.1) state that this UST was removed in approximately 1979 without permit. Sampling and testing performed by ENGEO in 2004 indicate that there was no release of petroleum hydrocarbons from this UST. This does not constitute a REC to the subject property.

8.2.2 City of Elk Grove, Building Division

EDR performed a search of building department records for the subject property and adjoining sites on behalf of Petralogix on December 20, 2019. No building records were available for the target property address, 10051 Big Horn Boulevard, Elk Grove, or for adjoining properties. A Phase I ESA Update performed by WKA in 2008 (section 5.2) for the subject property (historic address 8355 Poppy Ridge Road) stated that the on-site structures were demolished with permit in 2006.

8.2.3 Sacramento County Assessor-Recorder

Petralogix submitted a search request of property records for the subject property available at the Sacramento County Recorder office. Records identify the current property owner as Los Rios College District for APNs 132-2140-001 (acquisition year 2011) and 132-2140-002 (acquisition year 2008). Previous owners are provided back to 2006, and appear to be development companies.



8.2.4 Sacramento Metropolitan Air Quality Management District

The Sacramento Metropolitan Air Quality Management District was contacted to determine whether any records were on file at that agency material to RECs in connection with the subject property. Per SMAQMD, no documents were found related to the site address of 10051 Big Horn Boulevard, Elk Grove, or within one quarter mile of the site.

8.2.5 Sacramento County Agricultural Commissioner

The Sacramento County Agricultural Commissioner was contacted to determine whether any records were on file at that agency material to pesticide use in connection with the subject property. No documents were found related to the site address of 10051 Big Horn Boulevard, Elk Grove.

9.0 MOLD ASSESSMENT SCREENING

No obvious signs of mold were seen during our limited site visit. We are not certified mold experts. If the Los Rios Community College District is concerned with the possibility of mold, a survey is applicable. However, mold inspection is not a required part of a Phase I ESA evaluation under the ASTM Standard.

10.0 LEAD SCREENING EVALUATION

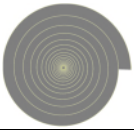
Campus construction started in 2011 or 2012 and was completed in 2013; the on-site structure was built after the ban of lead paints and products. Therefore, the potential for lead-based paints located in/on the site structure is considered low. We are not certified lead experts and lead inspection is not a required part of a Phase I ESA evaluation under the ASTM Standard.

Several structures demolished between 2005 and 2007 in the southern portion of the subject property were built between 1910 and 1972, prior to the effective ban of lead paints and products. The potential for lead-based paints and products leaching into the soil near the previous location of the demolished structures and within a portion of the subject property is considered moderate to high. Due to the demolished historic structures, lead may be present in the soil where the former buildings were previously located. The former demolished structures are therefore considered RECs.

11.0 ASBESTOS SCREENING EVALUATION

Campus construction started in 2011 or 2012 and was completed in 2013, after the effective ban of most asbestos containing building materials. The potential for asbestos containing building material located in/on the site structure is considered low. We are not certified asbestos experts and asbestos inspection is not a required part of a Phase I ESA evaluation under the ASTM Standard.

Several structures demolished between 2005 and 2007 in the southern portion of the subject property were built between 1910 and 1972, prior to the effective ban of most asbestos containing building materials. The potential for asbestos containing building material leaching (or being physically mixed) into the soil near the previous location of the demolished structures and within a portion of the subject property is considered moderate to high. Due to the demolished buildings,



asbestos may be present in the soil where the former buildings were previously located. The former demolished structures are therefore considered RECs.

12.0 RADON GAS ASSESSMENT

Radon gas emissions from the natural breakdown of elements in soil is a concern in many areas around the country. In particular, Radon gas can buildup in confined spaces such as tunnels and basements. A survey of the subject property was not conducted, but a review based on government data was performed. The Federal EPA Radon Zone for Sacramento County is Zone 3, indoor average level <2 pCi/L. Based on this low potential, Radon is a low concern for the subject property.

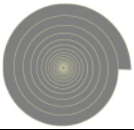
13.0 VEC & VAPOR INTRUSION SCREENING

The EDR VEC App was used by our firm to perform a Tier 1 Screening for Vapor. This App provides integrated data, analytical tools, and professional reporting searches to help review available environmental records (Appendx D). Based on our review, the subject property does not have listings that may have the potential to cause vapor intrustion/encroachment risk.

In addition, a search area of one-third of a mile was utilized in order to assess potential listings within the region which may have the potential to cause vapor intrusion/encroachment risk. Based on our review, there is one listing that may have the potential to cause vapor intrusion/encroachment risk. G Suyenaga Nursery Farm (8310 Poppy Ridge Road) located 71 feet to the south/cross-gradient reportedly has one 350-gallon UST that may cause a vapor intrusion/encroachment risk to the subject property if the UST were to leak to groundwater. However, based on the small capacity of the UST and depth to groundwater at greater than 70 feet, release to groundwater is unlikely.

14.0 DISCOVERIES & FINDINGS

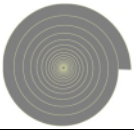
- The northern, central and part of the southern portions of the subject property were row crops or hay crops from at least 1937 to 2005; the subject property was vacant or agricultural land from at least 1894 to 1910.
- Based on the aerial photographs, there was a storage pond in the northern portion of the site from at least 1957 to 1972.
- Several farm/residential/barn structures (8355 Poppy Ridge Road) were built in the southern portion of the subject property between 1910 and 1972; the structures were demolished in 2006. Two wells and two septic systems were associated with these structures. The two septic systems were removed with permit in 2006.
- The subject property was a developed campus with one structure by 2013, with construction starting in late 2011 or early 2012.
- The historic subject property address of 8355 Poppy Ridge Road included a farm with several structures (discussed above). This farm is listed on the HIST UST database for an underground storage tank of regular motor vehicle fuel installed in 1960. This site is also listed as inactive on the Sacramento Co. ML database; however, no record of removal was reviewed for the site. Based on a Phase I ESA performed by ENGEO in 2004, a 550-gallon UST was removed in 1979 without permit. Sampling and testing by ENGEO in 2004 indicate that release of petroleum hydrocarbons from this UST did not occur.



- Two abandoned wells in the southern portion of the subject property were properly destructed in 2011 with Sacramento County EMD permits using sand cement and explosives. Prior to this, one well was improperly abandoned without a permit. A portion of the well casing was removed, rock was placed inside the casing, and the well was then buried with debris.
- During site reconnaissance, the southern field was investigated for evidence of former historic structures as well as any evidence of the former wells; no evidence of former structures or wells was observed. Minor staining was observed in the parking lot and a small pile of debris was observed in the southern field which consisted of concrete, metal posts, and plastic fencing.
- Numerous surrounding sites and adjacent parcels were listed on some of the databases searched via EDR. None the sites listed likely to have current or former releases of hazardous substances and/or petroleum products with the potential to migrate to the subject property except for the following:
    - G Suyenaga Nursery and Farm (8310 Poppy Ridge Road): This site is located 71 feet south (cross-gradient) of the subject property, across Poppy Ridge Road. This site is a farm listed on the HIST UST, SWEEPS UST, and CA FID UST databases for a 350-gallon underground storage tank of regular motor vehicle fuel installed in 1972. This site is listed as inactive on the Sacramento Co. ML database; however, no record of removal was reviewed for the site. If this UST were to leak and petroleum hydrocarbons to migrate to groundwater, this could be a concern to the subject property.
- The Tier 1 Screening for Vapor Intrusion at the subject property indicated that a historic UST 71 feet south/cross-gradient of the subject property (8310 Poppy Ridge Road), across Poppy Ridge Road, may cause a vapor intrusion/encroachment risk to the subject property if this UST were to leak.

15.0 PROFESSIONAL OPINIONS

- The subject property was historically used as row crops or hay crops. Organochlorine pesticides may have been applied on-site in the past. This is considered a REC to the subject property.
- A historic storage pond was located in the northern portion of the subject property. It is unknown what was stored in this pond; however, it is likely to be related to the agricultural use of the remainder of the subject property. Any water stored may have contained organochlorine pesticides related to the agricultural use on the site. This is considered a REC to the subject property.
- The historic UST in the southern portion of the subject property was removed in approximately 1979, and sampling and testing by ENGEO in 2004 indicates that no release of petroleum hydrocarbons occurred. This is not considered a REC to the subject property.
- The two abandoned wells in the southern portion of the subject property were eventually properly destructed with County oversight in 2011, despite improper abandonment of one well previously. This is not considered a REC to the subject property.
- The current on-site structure was built after 1980; building materials in the on-site structure are unlikely to contain lead and asbestos. Lead and asbestos are not a concern for the existing on-site structure.



- The structures in the southern portion of the subject property demolished in 2006 were built between 1910 and 1972, prior to the effective ban of lead paints and products and asbestos containing building materials. The potential for lead-based paints and products and asbestos containing building material leaching (or being physically mixed) into the soil near the previous location of the demolished structures and within a portion of the subject property is considered moderate to high. The demolished/former structures are therefore considered RECs.
- The site located south (cross-gradient) of the subject property (8310 Poppy Ridge Road), across Poppy Ridge Road, with a 350-gallon underground storage tank of regular motor vehicle fuel installed in 1972 would present a concern to the subject property if the UST were to leak and migrate to groundwater. However, based on the small capacity of the tank, depth to groundwater greater than approximately 70 feet bgs, and the nearby but cross-gradient location, it is unlikely that a release from this UST would impact groundwater and the subject property. This does not constitute a REC to the subject property.
- The vapor/instruction risk at the subject property from the UST approximately 71 feet south (8310 Poppy Ridge Road) is considered low, based on the small capacity of the UST and depth to groundwater at greater than 70 feet.
- Staining observed in the parking lot of the site is minor, and therefore considered *de minimis*.
- The small pile of debris observed in the southern field is considered *de minimis*.

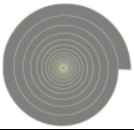
16.0 FINAL CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 for 3835 Freeport Boulevard, City of Sacramento, California, (the subject property). Any exceptions to, or deletions from, this practice are described in the Limitations Section of this report. This assessment identified the following recognized environmental conditions (RECs) in connection with the subject property:

- The subject property was historically used as row crops or hay crops. Organochlorine pesticides may have been applied on-site in the past. This is considered a REC to the subject property.
- The historic storage pond in the northern portion of the subject property is considered a REC.
- The demolished/former structures in the southern portion of the subject property may have caused lead and asbestos to be present in the surrounding soil; this is considered a REC to the subject property.

This assessment has identified the following *de minimis* conditions:

- Minor staining observed in the parking lot.
- Small pile of debris in the southern field.



17.0 RECOMMENDATIONS

- Further investigation should be performed to evaluate whether any environmental media has been impacted by organochlorine pesticides applied to the subject property in the past.
- Further investigation should be performed to evaluate whether any environmental media has been impacted by the historic pond located in the northern portion of the subject property.
- Further investigation should be performed to evaluate whether lead and asbestos have been mixed into the on-site soil near the demolished structures in the southern portion of the subject property.
- The minor staining in the parking lot should be contained and monitored.
- The debris pile in the southern portion of the subject property should be removed.

18.0 SPECIFIC DEVIATIONS

No deviations have been taken from this standard.

19.0 ADDITIONAL SERVICES

No additional services were provided.

20.0 QUALIFICATIONS OF PETRALOGIX ENVIRONMENTAL PROFESSIONALS

Daniel Kramer, PG, CEG, PGp

Professional Experience:

Neil O. Anderson and Associates	2003 – 2005
Kleinfelder, Inc.	2005 – 2006
Neil O. Anderson and Associates	2006 – 2014
Petralogix Engineering, Inc.	2014 – Present

Education:
B.S., Geology, University of the Pacific, Galt, CA

Registrations:
California Professional Geologist, PG-8657
California Certified Engineering Geologist, CEG-2588
California Professional Geophysicist, PGp-1078
Oregon Registered Geologist, E2334

Professional Memberships:
Association of Engineering Geologist (AEG)
American Society of Civil Engineers (ASCE)

Heather Shaddox, Project Geologist

Professional Experience:

Neil O. Anderson & Associates	2013 – 2015
Petralogix Engineering, Inc.	2015 – 2016; 2019-Present

Education:
B.S., Geology, California State University-Stanislaus, Turlock, CA

Certification:
Geologist-In-Training, GIT-507

Professional Memberships:
American Geophysical Union (AGU)
Seismological Society of America (SSA)

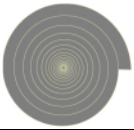
Tonya Scheftner, Project Geologist

Professional Experience:

Neil O. Anderson & Associates	2014 – 2015
Petralogix Engineering, Inc.	2015 – Present

Education:
B.S., Geology, California State University-Stanislaus, Turlock, CA

Certification:
Geologist-In-Training, GIT-685



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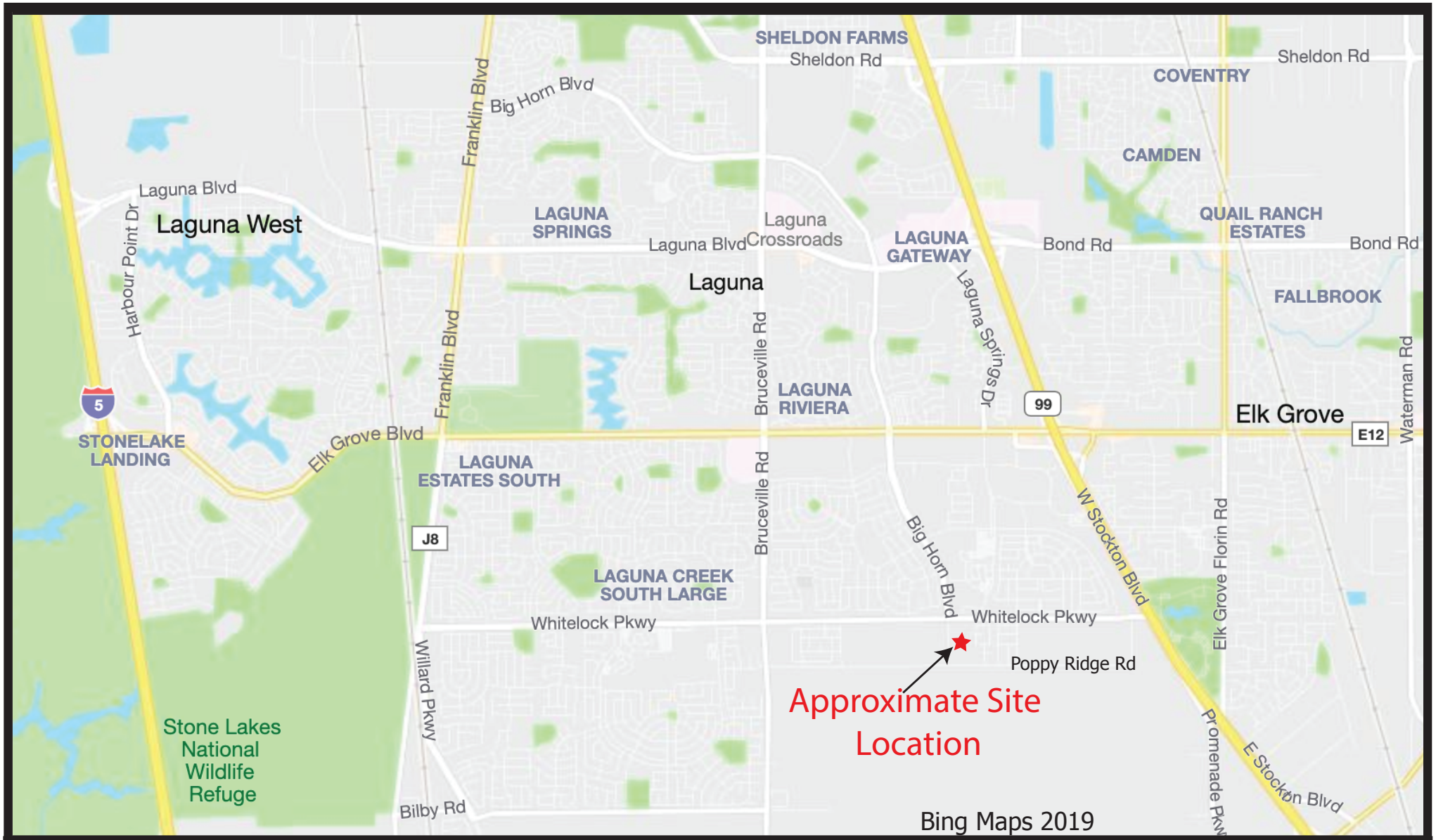
APPENDIX A



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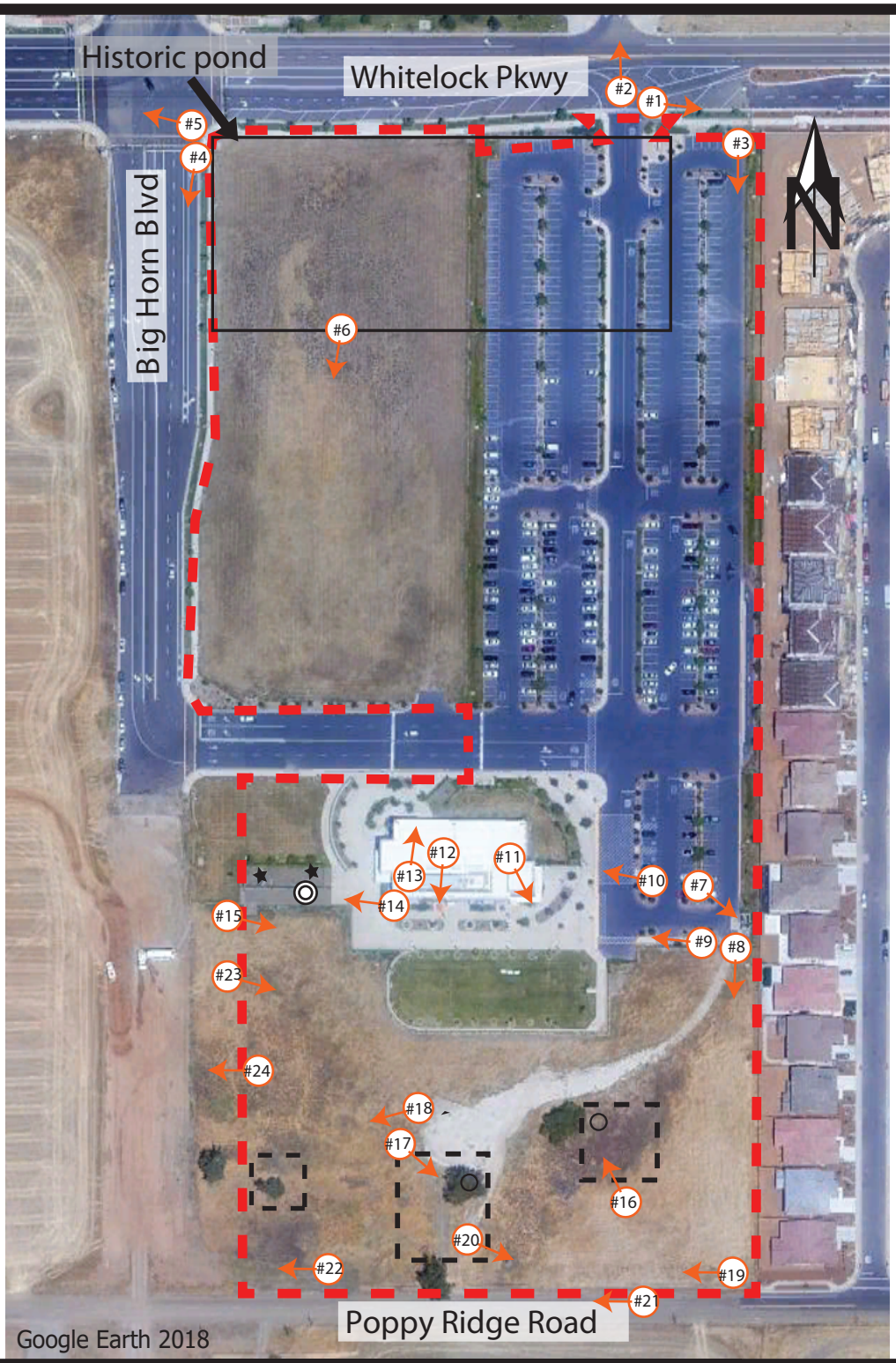
VICINITY MAP

COSUMNES RIVER COLLEGE
ELK GROVE CENTER
10051 BIG HORN BOULEVARD
ELK GROVE, CA 95757

DATE. January 2020
JOB NUMBER: 2019-00100
SCALE: Not to Scale
DRAWN BY: HS
CHECKED BY: DK
PLATE: 1



LEGEND

- Approximate Site Boundary
- Photo No. and General Direction
- Approximate historic structure regions
- Approximate destroyed well locations
- Transformer
- Public Well

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SITE MAP

COSUMNES RIVER COLLEGE
ELK GROVE CENTER
10051 BIG HORN BOULEVARD
ELK GROVE, CA 95757

DATE. January 2020
JOB NUMBER: 2019-00100
SCALE: Not to Scale
DRAWN BY: HS
CHECKED BY: DK
PLATE: 2

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APPENDIX B

Figure 1 – View of northeastern boundary looking east.

Figure 2 – View looking north of northern adjacent boundary.

Figure 3 – View of eastern boundary of subject property looking south.

Figure 4– View of western boundary of the subject property looking south.

Figure 5 – View of northeastern adjacent property, looking northeast.

Figure 6 – View of fallow field north of the Elk Grove Center, looking north.

Figure 7 – View of waste bin.

Figure 8 – View of eastern boundary looking south.

Figure 9 – View looking west from southeast center portion of subject property.

Figure 10 – View of Elk Grove Center building entrance, looking west.

Figure 11 – View of common area in the Elk Grove Center building.

Figure 12 – View of janitorial closet, second floor of Elk Grove Center building.

Figure 13 – View of classroom in Elk Grove Center building.

Figure 14 – View of in-ground transformers and public well from second story of the Elk Grove Center building.

Figure 15 – View of western boundary of subject property looking east.

Figure 16 – View field in former historic structure region, looking north; no historic evidence of former structure or well observed.

Figure 17 – View of mulch piles in southern field near historic structure region; no evidence of historic structure observed.

Figure 18 – View south-central portion of southern field, facing west.

Figure 19 – View of southern boundary, looking west from southeast corner.

Figure 20 – View of debris pile in the southern portion of southern field.

Figure 21 – View of adjacent property along southern boundary, looking west along Poppy Ridge road.

Figure 22 – View of unidentified concrete box with PVC pipe, likely for utilities.

Figure 23 – View of southern field from the western boundary looking east.

Figure 24 – View of Big Horn Boulevard and fallow field adjacent west of subject property.

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APPENDIX C

Databases Searches and Standard Distances Reviewed

Search Radius	Database Reviewed (EDR)
1 mile	**National Priority List (NPL)** Source: U.S. Environmental Protection Agency (US EPA). The NPL database is a subset of CERCLIS (see below). It identifies sites for priority cleanup under Superfund Programs. NPL sites may encompass relatively large areas, thus the larger search radius.
0.5 mile	**Delisted NPL List** Source: US EPA. The Delisted NPL database includes sites which have been deleted from the NPL due to a no further response being needed. The EPA uses the criteria of the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) to select sites for deletion. Generally this is based on cleanup action.
0.5 mile	**Comprehensive Environmental Response Compensation and Liability Information System List (CERCLIS)** Source: US EPA. The CERCLIS database contains information on potentially hazardous waste sites that have been reported to the US EPA 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 included, proposed for inclusion, or in the screening phase for possible inclusion in the NPL.
0.5 mile	**CERCLIS "No Further Remedial Action Planned" (NFRAP)** Source: US EPA. The CERC-NFRAP database contains information on sites designated "No Further Remedial Action Planned" which have been removed from the CERCLIS database. NFRAP sites may be sites where no contamination was found following an initial investigation, where remedial action has been completed, or where the contamination was not serious enough to require Federal Superfund action or NPL consideration.
1 mile	**Corrective Action Report (CORRACTS)** Source: US EPA. CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.
0.5 mile	**Resource Conservation and Recovery Act "Treatment, Storage, and Disposal Facilities" (RCRA-TSDF)** Source: US EPA. The RCRA-TSDF database contains basic information on facilities that treat, store, or dispose of hazardous waste as defined by RCRA. This list is contained within the RCRAInfo database.
property and adjoining	**RCRA Large Quantity Generators (LQG) and Small Quantity Generators (SQG)** Source: US EPA. These lists are contained within the RCRAInfo database. Each site is categorized as one of the following: RCRA-LQG: Facilities that generate more than 1000 kg per month of non-acutely hazardous waste, or more than 1 kg per month of acutely hazardous waste. RCRA-SQG: Facilities that generate between 100 kg and 1000 kg per month of non-acutely hazardous waste.

Databases Searches and Standard Distances Reviewed

Search Radius	Database Reviewed (EDR)
property only	**Engineering Controls Sites List (US ENG CONTROLS)** Source: US EPA. The US ENG CONTROLS database is a list 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 affect human health.
property only	**Sites with Institutional Controls (US INST CONTROL)** Source: US EPA. The US INST CONTROL database lists sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation case requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.
property only	**Federal Emergency Response Notification System (ERNS)** Source: U.S. Coast Guard, National Response Center. ERNS database contains information on the reported releases of oil and hazardous substances.
1 mile	**ENVIROSTOR** Source: California EPA Department of Toxic Substances Control (DTSC). The ENVIROSTOR database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes NPL sites; State response sites including military facilities and State Superfund; Voluntary Cleanup sites; and school sites.
1 mile	**HIST CAL-SITES** Source: DTSC. The CAL-SITES database contains potential or confirmed hazardous substance release properties. In 1996, the EPA reevaluated and reduced the number of sites in this database. Cal-Sites is no longer updated and has been replaced by ENVIROSTOR.
0.5 mile	**Spills, Leaks, Investigations, and Cleanups (SLIC)** Source: State Water Resources Control Board (SWRCB). The SLIC list includes unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites.
0.5 mile	**Solid Waste Information System SWF/LF (SWIS)** Source: California Integrated Waste Management Board. The SWIS database contains 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 2004 criteria for solid waste landfills or disposal sites.
0.5 mile	**Geotracker's Leaking Underground Fuel Tank Report (LUST)** Source: SWRCB. The LUST database contains an inventory of reported leaking underground storage tank incidents.

Databases Searches and Standard Distances Reviewed

Search Radius	Database Reviewed (EDR)
0.5 mile	**Leaking Underground Storage Tanks on Indian Land (INDIAN LUST)** Source: US EPA. The INDIAN LUST database records leaking underground storage tanks on Indian land in Arizona, California, New Mexico, and Nevada.
property and adjoining	**Active UST Facilities (UST)** Source: SWRCB. The UST list contains an inventory of active underground storage tank facilities gathered from local regulatory agencies.
property and adjoining	**Facility Inventory Database (CA FID UST)** Source: Cal EPA. The CA FID UST database is a historical listing of active and inactive underground storage tank locations.
property and adjoining	**Hazardous Substance Storage Container Database (HIST UST)** Source: SWRCB. The HIST UST database is a historical listing of underground storage tanks.
property and adjoining	**Underground Storage Tanks on Indian Land (INDIAN UST)** Source: US EPA Region 9. The Indian UST database contains an inventory of underground storage tanks on Indian land.
property only	**Deed Restriction Listing (DEED)** Source: DTSC. The DEED database contains an inventory of Site Mitigation and Brownfields Reuse Program (SMBRP) facility sites with deed restrictions and Hazardous Waste Management Program (HWMP) facility sites with deed or land use restrictions. The SMBRP list includes active deed restrictions and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The HWMP list includes current or former hazardous waste facilities that have a recorded land use restriction at the local County recorder's office.
0.5 mile	**Voluntary Cleanup Program Properties (VCP)** Source: DTSC. The VCP database contains an inventory of low threat properties with either confirmed or unconfirmed releases in which the project proponents have requested that DTSC oversee investigation and/or cleanup activities.
1 mile	**US Brownfields** Source: US EPA. The US Brownfields database includes properties listed as Cooperative Agreement Recipients and properties addressed by Targeted Brownfields Assessments (TBA). EPA's TBA program is designed to help states, tribes, and municipalities minimize the uncertainties of contamination often associated with brownfields. States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the US EPA.

Databases Searches and Standard Distances Reviewed

Search Radius	Database Reviewed (EDR)
0.5 mile	**SLIC REG 5** Source: California Regional Water Quality Control Board Central Valley Region (5). The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.
0.5 mile	**Leaking Underground Storage Tanks (LUST) REG 5** Source: California Regional Water Quality Control Board Central Valley Region (5). The LUST database contains an inventory of reported leaking underground storage tank incidents.

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APPENDIX D

Elk Grove Center
10051 Big Horn Blvd
Elk Grove, CA 95757

Inquiry Number: 5912702.2s
December 20, 2019

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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

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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 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

10051 BIG HORN BLVD
ELK GROVE, CA 95757

COORDINATES

Latitude (North):	38.3934160 - 38° 23' 36.29''
Longitude (West):	121.3985180 - 121° 23' 54.66''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	639859.1
UTM Y (Meters):	4250474.5
Elevation:	37 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5619710 FLORIN, CA
Version Date:	2012
South Map:	5619684 BRUCEVILLE, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140621
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
10051 BIG HORN BLVD
ELK GROVE, CA 95757

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	CRC ELK GROVE CENTER	10051 BIG HORN BLVD	CIWQS		TP
A2	CONRAD AARSETH	8355 POPPYRIDGE RD	Sacramento Co. ML	Higher	47, 0.009, SSE
A3	CONRAD/ JOYCE AARSET	8355 POPPY RIDGE RD	HIST UST	Higher	47, 0.009, SSE
A4	G SUYENAGA NURSERY A	8310 POPPY RIDGE ROA	HIST UST, Sacramento Co. ML	Higher	71, 0.013, South
A5	G. SUYENAGA NURSERY	8310 POPPY RIDGE RD	SWEEPS UST, CA FID UST	Higher	71, 0.013, South
A6	G SUYENAGA NURSERY &	8310 POPPYRIDGE RD	Sacramento Co. ML	Higher	71, 0.013, South
7	ELIZABETH PINKERTON	8365 WHITELOCK PKWY	RCRA NonGen / NLR	Higher	98, 0.019, NE
8	LEONARD H. FEHRING	8399 POPPYRIDGE RD	HIST UST, Sacramento Co. ML	Higher	614, 0.116, SE
9	LAGUNA RIDGE HIGH/MI	NEW POPPY RIDGE ROAD	ENVIROSTOR, SCH	Higher	1337, 0.253, NNE
10	LAGUNA RIDGE ELEMENT	ELK GROVE BOULEVARD/	ENVIROSTOR, SCH	Lower	2904, 0.550, NW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
CRC ELK GROVE CENTER 10051 BIG HORN BLVD ELK GROVE, CA 95757	CIWQS	N/A

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

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site list

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

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators

RCRA-SQG ---------- RCRA - Small Quantity Generators
RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE ---------- State Response Sites

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

SWF/LF ---------- Solid Waste Information System

State and tribal leaking storage tank lists

LUST ---------- Geotracker's Leaking Underground Fuel Tank Report
INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land
CPS-SLIC ---------- Statewide SLIC Cases
Sacramento Co. CS ---------- Toxic Site Clean-Up List

State and tribal registered storage tank lists

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

State and tribal voluntary cleanup sites

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

State and tribal Brownfields sites

BROWNFIELDS ---------- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT ---------- Waste Management Unit Database

SWRCY ---- Recycler Database
HAULERS ---- Registered Waste Tire Haulers Listing
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---- Open Dump Inventory
IHS OPEN DUMPS ---- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---- Delisted National Clandestine Laboratory Register
HIST Cal-Sites ---- Historical Calsites Database
SCH ---- School Property Evaluation Program
CDL ---- Clandestine Drug Labs
Toxic Pits ---- Toxic Pits Cleanup Act Sites
CERS HAZ WASTE ---- CERS HAZ WASTE
US CDL ---- National Clandestine Laboratory Register
PFAS ---- PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

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

Local Land Records

LIENS ---- Environmental Liens Listing
LIENS 2 ---- CERCLA Lien Information
DEED ---- Deed Restriction Listing

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
CHMIRS ---- California Hazardous Material Incident Report System
LDS ---- Land Disposal Sites Listing
MCS ---- Military Cleanup Sites Listing
SPILLS 90 ---- SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS ---- Formerly Used Defense Sites
DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List
TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
ROD ---- Records Of Decision
RMP ---- Risk Management Plans
RAATS ---- RCRA Administrative Action Tracking System
PRP ---- Potentially Responsible Parties
PADS ---- PCB Activity Database System
ICIS ---- Integrated Compliance Information System
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
FINDS	Facility Index System/Facility Registry System
ECHO	Enforcement & Compliance History Information
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
HAZNET	Facility and Manifest Data
ICE	ICE
HIST CORTESE	Hazardous Waste & Substance Site List
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
NPDES	NPDES Permits Listing
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database
Notify 65	Proposition 65 Records
UIC	UIC Listing
UIC GEO	UIC GEO (GEOTRACKER)
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
WIP	Well Investigation Program Case List
MILITARY PRIV SITES	MILITARY PRIV SITES (GEOTRACKER)
PROJECT	PROJECT (GEOTRACKER)
WDR	Waste Discharge Requirements Listing
CERS	CERS
NON-CASE INFO	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)
MINES MRDS	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants

EXECUTIVE SUMMARY

EDR Hist Auto---------- EDR Exclusive Historical Auto Stations
EDR Hist Cleaner---------- EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF---------- Recovered Government Archive Solid Waste Facilities List
RGA LUST---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 07/29/2019 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LAGUNA RIDGE HIGH/MI	***NEW POPPY RIDGE ROAD***	***NNE 1/4 - 1/2 (0.253 mi.)***	***9***	***15***
Status: No Action Required				
Facility Id: 34010026				

Lower Elevation	Address	Direction / Distance	Map ID	Page
LAGUNA RIDGE ELEMENT	***ELK GROVE BOULEVARD/***	***NW 1/2 - 1 (0.550 mi.)***	***10***	***18***
Status: No Action Required				
Facility Id: 70000069				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
G. SUYENAGA NURSERY Status: A Tank Status: A Comp Number: 27310	***8310 POPPY RIDGE RD***	***S 0 - 1/8 (0.013 mi.)***	***A5***	***12***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 3 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CONRAD/ JOYCE AARSET Facility Id: 00000022019	8355 POPPY RIDGE RD	SSE 0 - 1/8 (0.009 mi.)	A3	10
G SUYENAGA NURSERY A Facility Id: 00000027310	***8310 POPPY RIDGE ROA***	***S 0 - 1/8 (0.013 mi.)***	***A4***	***11***
LEONARD H. FEHRING Facility Id: 00000029672	***8399 POPPYRIDGE RD***	***SE 0 - 1/8 (0.116 mi.)***	***8***	***14***

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

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
G. SUYENAGA NURSERY Facility Id: 34007006 Status: A	***8310 POPPY RIDGE RD***	***S 0 - 1/8 (0.013 mi.)***	***A5***	***12***

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/24/2019 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ELIZABETH PINKERTON EPA ID:: CAL000422464	8365 WHITELOCK PKWY	NE 0 - 1/8 (0.019 mi.)	7	13

Sacramento Co. ML: Sacramento County Master List. Any business that has hazardous materials on site - hazardous materials storage sites, underground storage tanks, waste generators.

A review of the Sacramento Co. ML list, as provided by EDR, and dated 08/07/2019 has revealed that there are 4 Sacramento Co. ML sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CONRAD AARSETH Facility Status: Inactive. Included on a listing no longer updated.	8355 POPPYRIDGE RD	SSE 0 - 1/8 (0.009 mi.)	A2	10
G SUYENAGA NURSERY A	***8310 POPPY RIDGE ROA***	***S 0 - 1/8 (0.013 mi.)***	***A4***	***11***
G SUYENAGA NURSERY & Facility Status: Inactive. Included on a listing no longer updated.	8310 POPPYRIDGE RD	S 0 - 1/8 (0.013 mi.)	A6	13
LEONARD H. FEHRING Facility Status: Inactive. Included on a listing no longer updated.	***8399 POPPYRIDGE RD***	***SE 0 - 1/8 (0.116 mi.)***	***8***	***14***

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 5912702.2S

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

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

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: Elk Grove Center	CLIENT: Petralogix
ADDRESS: 10051 Big Horn Blvd Elk Grove CA 95757	CONTACT: Tonya Scheftner INQUIRY #: 5912702.2s
LAT/LONG: 38.393416 / 121.398518	DATE: December 20, 2019 12:47 pm

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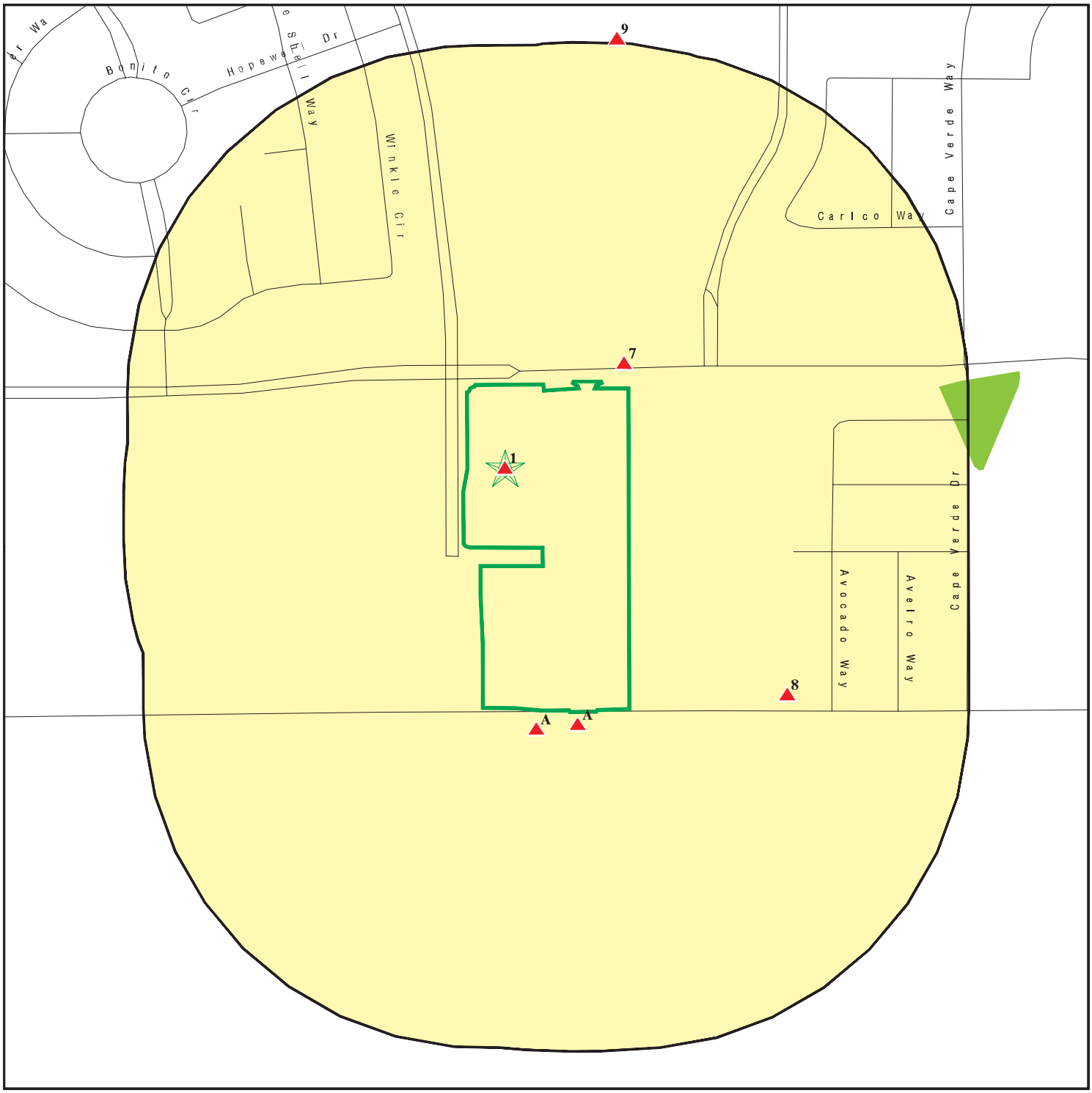
DETAIL MAP - 5912702.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

N

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:	Elk Grove Center	CLIENT:	Petralogix
ADDRESS:	10051 Big Horn Blvd Elk Grove CA 95757	CONTACT:	Tonya Scheftner
		INQUIRY #:	5912702.2s
LAT/LONG:	38.393416 / 121.398518	DATE:	December 20, 2019 12:48 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	1	1	NR	2
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 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
CPS-SLIC	0.500		0	0	0	NR	NR	0
Sacramento Co. CS	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
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
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	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
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		1	0	NR	NR	NR	1
HIST UST	0.250		3	0	NR	NR	NR	3
CERS TANKS	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		1	0	NR	NR	NR	1
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
Sacramento Co. ML	0.250		4	0	NR	NR	NR	4
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001	1	0	NR	NR	NR	NR	1
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		1	10	0	1	1	0	13

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1 **CRC ELK GROVE CENTER** **CIWQS** **S111459494**
Target **10051 BIG HORN BLVD** **N/A**
Property **ELK GROVE, CA 95757**

Actual:
37 ft.

CIWQS:

Name:	CRC ELK GROVE CENTER OFFSITE
Address:	10051 BIG HORN BLVD
City,State,Zip:	ELK GROVE, CA 95757
Agency:	Los Rios Community College District
Agency Address:	3753 Bradview Dr, Sacramento, CA 95827
Place/Project Type:	Construction - Commercial
SIC/NAICS:	Not reported
Region:	5S
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	5S34C363956
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	06/25/2012
Termination Date:	04/24/2014
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	38.39453
Longitude:	-121.399116

Name:	CRC ELK GROVE CENTER
Address:	10051 BIG HORN BLVD
City,State,Zip:	ELK GROVE, CA 95757
Agency:	Los Rios Community College District
Agency Address:	3753 Bradview Dr, Sacramento, CA 95827
Place/Project Type:	Construction - Other: Educational Facility
SIC/NAICS:	Not reported
Region:	5S
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	5S34C362465
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	11/21/2011
Termination Date:	08/28/2013
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	38.3936
Longitude:	-121.3983

A2 **CONRAD AARSETH** **Sacramento Co. ML** **S105271132**
SSE **8355 POPPYRIDGE RD** **N/A**
< 1/8 **ELK GROVE, CA 95624**
0.009 mi.
47 ft. **Site 1 of 5 in cluster A**

Relative:
Higher

Actual:
37 ft.

Sacramento Co. ML:

Name:	CONRAD AARSETH
Address:	8355 POPPYRIDGE RD
City,State,Zip:	ELK GROVE, CA 95624
Facility Id:	Not reported
Facility Status:	Inactive. Included on a listing no longer updated.
FD:	G
Billing Codes BP:	Farm-No Fee
Billing Codes UST:	Farm-No Fee
WG Bill Code:	Farm-No Fee
Target Property Bill Cod:	50
Food Bill Code:	53
CUPA Permit Date:	Not reported
HAZMAT Permit Date:	Not reported
HAZMAT Inspection Date:	Not reported
Hazmat Date BP Received:	Not reported
UST Permit Dt:	Not reported
UST Inspection Date:	Not reported
UST Tank Test Date:	Not reported
Number of Tanks:	0
UST Tank Test Date:	Not reported
SIC Code:	Not reported
Tier Permitting:	Not reported
AST Bill Code:	Not reported
CALARP Bill Code:	Not reported

A3 **CONRAD/ JOYCE AARSETH** **HIST UST** **U001612764**
SSE **8355 POPPY RIDGE RD** **N/A**
< 1/8 **ELK GROVE, CA 95624**
0.009 mi.
47 ft. **Site 2 of 5 in cluster A**

Relative:
Higher

Actual:
37 ft.

HIST UST:

Name:	CONRAD/ JOYCE AARSETH
Address:	8355 POPPY RIDGE RD
City,State,Zip:	ELK GROVE, CA 95624
File Number:	0001FCDF
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FCDF.pdf
Region:	STATE
Facility ID:	00000022019
Facility Type:	Other
Other Type:	FARM
Contact Name:	Not reported
Telephone:	9166859640
Owner Name:	CONRAD/JOYCE AARSETH
Owner Address:	8355 POPPY RIDGE RD
Owner City,St,Zip:	ELK GROVE, CA 95624
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	1960
Tank Capacity:	00000350
Tank Used for:	PRODUCT

CONRAD/ JOYCE AARSETH (Continued) **U001612764**

Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Click here for Geo Tracker PDF:

A4 **G SUYENAGA NURSERY AND FARM** **HIST UST** **U001612782**
South **8310 POPPY RIDGE ROAD** **Sacramento Co. ML** **N/A**
< 1/8 **ELK GROVE, CA 95624**
0.013 mi.
71 ft. **Site 3 of 5 in cluster A**

Relative:
Higher

Actual:
37 ft.

HIST UST:
Name: G SUYENAGA NURSERY AND FARM
Address: 8310 POPPY RIDGE ROAD
City,State,Zip: ELK GROVE, CA 95624
File Number: 0001FDF1
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FDF1.pdf
Region: STATE
Facility ID: 00000027310
Facility Type: Other
Other Type: FARM
Contact Name: Not reported
Telephone: 9166859043
Owner Name: GEORGE SUYENAGA
Owner Address: 8310 POPPY RIDGE ROAD
Owner City,St,Zip: ELK GROVE, CA 95624
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1972
Tank Capacity: 00000350
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

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Sacramento Co. ML:
Name: SUYENAGA NURSERY & FARM
Address: 8310 POPPY RIDGE RD
City,State,Zip: ELK GROVE, CA 95758
Facility Id: Not reported
Facility Status: Not reported
FD: Not reported
Billing Codes BP: I
Billing Codes UST: Not reported
WG Bill Code: Not reported
Target Property Bill Cod: Not reported
Food Bill Code: Not reported
CUPA Permit Date: Not reported
HAZMAT Permit Date: Not reported
HAZMAT Inspection Date: Not reported
Hazmat Date BP Received: Not reported
UST Permit Dt: Not reported

G SUYENAGA NURSERY AND FARM (Continued) **U001612782**

UST Inspection Date:	Not reported
UST Tank Test Date:	Not reported
Number of Tanks:	Not reported
UST Tank Test Date:	Not reported
SIC Code:	Not reported
Tier Permitting:	Not reported
AST Bill Code:	Not reported
CALARP Bill Code:	Not reported

A5 **G. SUYENAGA NURSERY & FARM** **SWEEPS UST** **S101627782**
South **8310 POPPY RIDGE RD** **CA FID UST** **N/A**
< 1/8 **ELK GROVE, CA 95624**
0.013 mi.
71 ft. **Site 4 of 5 in cluster A**

Relative:
Higher

Actual:
37 ft.

SWEEPS UST:

Name:	G. SUYENAGA NURSERY & FARM
Address:	8310 POPPY RIDGE RD
City:	ELK GROVE
Status:	Active
Comp Number:	27310
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	34-000-027310-000001
Tank Status:	A
Capacity:	350
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	1

CA FID UST:

Facility ID:	34007006
Regulated By:	UTNKA
Regulated ID:	00027310
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	9166859043
Mail To:	Not reported
Mailing Address:	8310 POPPY RIDGE RD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ELK GROVE 95624
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

A6
South
< 1/8
0.013 mi.
71 ft.

G SUYENAGA NURSERY & FARM
8310 POPPYRIDGE RD
ELK GROVE, CA 95624

Site 5 of 5 in cluster A

Sacramento Co. ML **S105271131**
N/A

Relative:
Higher

Actual:
37 ft.

Sacramento Co. ML:

Name:	G SUYENAGA NURSERY & FARM
Address:	8310 POPPYRIDGE RD
City,State,Zip:	ELK GROVE, CA 95624
Facility Id:	Not reported
Facility Status:	Inactive. Included on a listing no longer updated.
FD:	G
Billing Codes BP:	Farm-No Fee
Billing Codes UST:	Farm-No Fee
WG Bill Code:	Farm-No Fee
Target Property Bill Cod:	50
Food Bill Code:	53
CUPA Permit Date:	Not reported
HAZMAT Permit Date:	Not reported
HAZMAT Inspection Date:	Not reported
Hazmat Date BP Received:	Not reported
UST Permit Dt:	Not reported
UST Inspection Date:	Not reported
UST Tank Test Date:	Not reported
Number of Tanks:	0
UST Tank Test Date:	Not reported
SIC Code:	Not reported
Tier Permitting:	Not reported
AST Bill Code:	Not reported
CALARP Bill Code:	Not reported

7
NE
< 1/8
0.019 mi.
98 ft.

ELIZABETH PINKERTON MIDDLE SCHOOL
8365 WHITELOCK PKWY
ELK GROVE, CA 95757

RCRA NonGen / NLR **1024857269**
CAL000422464

Relative:
Higher

Actual:
37 ft.

RCRA NonGen / NLR:

Date form received by agency:	2016-11-18 00:00:00.0
Facility name:	ELIZABETH PINKERTON MIDDLE SCHOOL
Facility address:	8365 WHITELOCK PKWY ELK GROVE, CA 95757
EPA ID:	CAL000422464
Mailing address:	9510 ELK GROVE-FLORIN RD ELK GROVE, CA 95624-0000
Contact:	ROBERT TERESI
Contact address:	9510 ELK GROVE-FLORIN RD ELK GROVE, CA 95624
Contact country:	Not reported
Contact telephone:	916-686-7797
Contact email:	VSIBLEY@EGUSD.NET
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ELK GROVE U S D
Owner/operator address:	9510 ELK GROVE FLORIN RD

ELIZABETH PINKERTON MIDDLE SCHOOL (Continued) **1024857269**

ELK GROVE, CA 95624
Owner/operator country: Not reported
Owner/operator telephone: 916-686-7797
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ROBERT TERESI
Owner/operator address: 9510 ELK GROVE-FLORIN RD
ELK GROVE, CA 95624
Owner/operator country: Not reported
Owner/operator telephone: 916-686-7797
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

---

8 **LEONARD H. FEHRING** **HIST UST** **U001612797**
SE **8399 POPPYRIDGE RD** **Sacramento Co. ML** **N/A**
< 1/8 **ELK GROVE, CA 95624**
0.116 mi.
614 ft.

Relative:
Higher

Actual:
37 ft.

HIST UST:
Name: LEONARD H FEHRING
Address: 8399 POPPY RIDGE RD
City,State,Zip: ELK GROVE, CA 95624
File Number: 0001FED0
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FED0.pdf
Region: STATE
Facility ID: 00000029672
Facility Type: Other

LEONARD H. FEHRING (Continued) **U001612797**

Other Type:	Not reported
Contact Name:	Not reported
Telephone:	9166854882
Owner Name:	LEONARD H. FEHRING
Owner Address:	8399 POPPY RIDGE RD
Owner City,St,Zip:	ELK GROVE, CA 95624
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	1956
Tank Capacity:	00000250
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	3/16
Leak Detection:	None

Click here for Geo Tracker PDF:

Sacramento Co. ML:

Name:	LEONARD H. FEHRING
Address:	8399 POPPYRIDGE RD
City,State,Zip:	ELK GROVE, CA 95624
Facility Id:	Not reported
Facility Status:	Inactive. Included on a listing no longer updated.
FD:	G
Billing Codes BP:	Farm-No Fee
Billing Codes UST:	Farm-No Fee
WG Bill Code:	Farm-No Fee
Target Property Bill Cod:	50
Food Bill Code:	53
CUPA Permit Date:	Not reported
HAZMAT Permit Date:	Not reported
HAZMAT Inspection Date:	Not reported
Hazmat Date BP Received:	Not reported
UST Permit Dt:	Not reported
UST Inspection Date:	Not reported
UST Tank Test Date:	Not reported
Number of Tanks:	0
UST Tank Test Date:	Not reported
SIC Code:	Not reported
Tier Permitting:	Not reported
AST Bill Code:	Not reported
CALARP Bill Code:	Not reported

---

9 **LAGUNA RIDGE HIGH/MIDDLE SCHOOL NO. 9** **ENVIROSTOR** **S118756779**
NNE **NEW POPPY RIDGE ROAD/BIG HORN BOULEVARD** **SCH** **N/A**
1/4-1/2 **ELK GROVE, CA 95758**
0.253 mi.
1337 ft.

Relative:
Higher

Actual:
38 ft.

ENVIROSTOR:

Name:	LAGUNA RIDGE HIGH/MIDDLE SCHOOL NO. 9
Address:	NEW POPPY RIDGE ROAD/BIG HORN BOULEVARD
City,State,Zip:	ELK GROVE, CA 95758
Facility ID:	34010026
Status:	No Action Required

LAGUNA RIDGE HIGH/MIDDLE SCHOOL NO. 9 (Continued) **S118756779**

Status Date: 03/23/2004
Site Code: 104397
Site Type: School Investigation
Site Type Detailed: School
Acres: 72
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Jose Luevano
Supervisor: Mark Malinowski
Division Branch: Northern California Schools & Santa Susana
Assembly: 09
Senate: 06
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 38.398
Longitude: -121.397
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: Cosumnes Oaks High School
Alias Type: Alternate Name
Alias Name: ELK GROVE USD-LAGUNA RIDGE HI/MID SCL #9
Alias Type: Alternate Name
Alias Name: Elezabeth Pinkerton Middle School
Alias Type: Alternate Name
Alias Name: 104397
Alias Type: Project Code (Site Code)
Alias Name: 34010022
Alias Type: Envirostor ID Number
Alias Name: 34010026
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 03/23/2004
Comments: COMPLETED: DTSC reviewed a Phase I Environmental Assessment and has made a "No Action determination for this Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/25/2007
Comments: Fill material request approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/19/2004
Comments: COMPLETED: DTSC reviewed a Phase I Environmental Assessment and has made a "No Action determination for this Site.

LAGUNA RIDGE HIGH/MIDDLE SCHOOL NO. 9 (Continued) **S118756779**

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	LAGUNA RIDGE HIGH/MIDDLE SCHOOL NO. 9
Address:	NEW POPPY RIDGE ROAD/BIG HORN BOULEVARD
City,State,Zip:	ELK GROVE, CA 95758
Facility ID:	34010026
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	72
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Jose Luevano
Supervisor:	Mark Malinowski
Division Branch:	Northern California Schools & Santa Susana
Site Code:	104397
Assembly:	09
Senate:	06
Special Program Status:	Not reported
Status:	No Action Required
Status Date:	03/23/2004
Restricted Use:	NO
Funding:	School District
Latitude:	38.398
Longitude:	-121.397
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	Cosumnes Oaks High School
Alias Type:	Alternate Name
Alias Name:	ELK GROVE USD-LAGUNA RIDGE HI/MID SCL #9
Alias Type:	Alternate Name
Alias Name:	Elezabeth Pinkerton Middle School
Alias Type:	Alternate Name
Alias Name:	104397
Alias Type:	Project Code (Site Code)
Alias Name:	34010022
Alias Type:	Envirostor ID Number
Alias Name:	34010026
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE

LAGUNA RIDGE HIGH/MIDDLE SCHOOL NO. 9 (Continued) **S118756779**

Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 03/23/2004
Comments: COMPLETED: DTSC reviewed a Phase I Environmental Assessment and has made a "No Action determination for this Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/25/2007
Comments: Fill material request approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/19/2004
Comments: COMPLETED: DTSC reviewed a Phase I Environmental Assessment and has made a "No Action determination for this Site.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

10
NW
1/2-1
0.550 mi.
2904 ft.

LAGUNA RIDGE ELEMENTARY SCHOOL #44 **ENVIROSTOR** **S118757362**
ELK GROVE BOULEVARD/BRUCEVILLE ROAD **SCH** **N/A**
ELK GROVE, CA 95624

Relative:
Lower

Actual:
34 ft.

ENVIROSTOR:
Name: LAGUNA RIDGE ELEMENTARY SCHOOL #44
Address: ELK GROVE BOULEVARD/BRUCEVILLE ROAD
City,State,Zip: ELK GROVE, CA 95624
Facility ID: 70000069
Status: No Action Required
Status Date: 01/05/2006
Site Code: 104507
Site Type: School Investigation
Site Type Detailed: School
Acres: 10
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Northern California Schools & Santa Susana
Assembly: 09
Senate: 06
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District

LAGUNA RIDGE ELEMENTARY SCHOOL #44 (Continued) **S118757362**

Latitude: 38.3997
Longitude: -121.4064
APN: 132-0270-026
Past Use: NONE
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: 132-0270-026
Alias Type: APN
Alias Name: 104507
Alias Type: Project Code (Site Code)
Alias Name: 70000069
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/26/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 11/10/2005
Comments: Phase I No Action letter issued.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: LAGUNA RIDGE ELEMENTARY SCHOOL #44
Address: ELK GROVE BOULEVARD/BRUCEVILLE ROAD
City,State,Zip: ELK GROVE, CA 95624
Facility ID: 70000069
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 10
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Northern California Schools & Santa Susana
Site Code: 104507
Assembly: 09
Senate: 06

LAGUNA RIDGE ELEMENTARY SCHOOL #44 (Continued) **S118757362**

Special Program Status:	Not reported
Status:	No Action Required
Status Date:	01/05/2006
Restricted Use:	NO
Funding:	School District
Latitude:	38.3997
Longitude:	-121.4064
APN:	132-0270-026
Past Use:	NONE
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	132-0270-026
Alias Type:	APN
Alias Name:	104507
Alias Type:	Project Code (Site Code)
Alias Name:	70000069
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	06/26/2007
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	11/10/2005
Comments:	Phase I No Action letter issued.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

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: 10/25/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 11/20/2019
Number of Days to Update: 13

Source: EPA
Telephone: N/A
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 01/13/2020
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 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

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: 10/25/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 11/20/2019
Number of Days to Update: 13

Source: EPA
Telephone: N/A
Last EDR Contact: 12/09/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 11/20/2019
Number of Days to Update: 13

Source: EPA
Telephone: N/A
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/04/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 11/21/2019
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/09/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 11/21/2019
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/09/2019
Next Scheduled EDR Contact: 01/27/2020
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: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/16/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/16/2019
Next Scheduled EDR Contact: 04/06/2020
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: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/16/2019
Next Scheduled EDR Contact: 04/06/2020
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: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/16/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/16/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 08/13/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 6

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/22/2019
Next Scheduled EDR Contact: 03/09/2020
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: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/22/2019
Next Scheduled EDR Contact: 03/09/2020
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: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 14

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/19/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

Date of Government Version: 07/29/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 07/29/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 08/13/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 57

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/12/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52
Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

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

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41
Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

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

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27
Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9
Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30
Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29
Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

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

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27
Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

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: 04/08/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

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

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

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

Date of Government Version: 04/16/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

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

Date of Government Version: 07/02/2019
Date Data Arrived at EDR: 10/16/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 8
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 02/03/2020
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: 04/12/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 12/03/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 79
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

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

Date of Government Version: 05/02/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 20
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

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

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

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

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 58
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

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

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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

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

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

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

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

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

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

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

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

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

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

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

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

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

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

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

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

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

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

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

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

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

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 08/27/2019
Date Data Arrived at EDR: 08/28/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 75
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

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

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 09/06/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/11/2019
Next Scheduled EDR Contact: 03/30/2020
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/02/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 20

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 02/03/2020
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: 04/12/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 12/03/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/02/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 79

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/16/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 79

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 07/29/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/17/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/23/2019
Date Data Arrived at EDR: 09/24/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/19/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/03/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/16/2019
Next Scheduled EDR Contact: 03/30/2020
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/07/2019
Number of Days to Update: 59

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 34

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: No Update Planned

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

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

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

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 11/01/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 07/29/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/16/2019
Date Made Active in Reports: 09/24/2019
Number of Days to Update: 70

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

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

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 7

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 10/22/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Quarterly

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: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 57

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

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

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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

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

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

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

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/11/2019
Number of Days to Update: 70

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

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

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

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

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 7

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/22/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/29/2019
Date Data Arrived at EDR: 08/30/2019
Date Made Active in Reports: 10/29/2019
Number of Days to Update: 60

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/02/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 11/20/2019
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 09/03/2019
Date Data Arrived at EDR: 09/04/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 62

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 03/16/2020
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: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 89

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/06/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 05/15/2019
Date Data Arrived at EDR: 06/24/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 58

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 57

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 57

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

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

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

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/16/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 05/15/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 79

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/19/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/07/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 12/02/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/19/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/08/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/19/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 11/16/2018
Date Made Active in Reports: 11/21/2019
Number of Days to Update: 370

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/22/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 09/30/2018
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 106

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/23/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 11/20/2019
Number of Days to Update: 13

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/09/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/25/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/21/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 11/21/2019
Number of Days to Update: 14
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 12/09/2019
Next Scheduled EDR Contact: 02/17/2020
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: 03/20/2019
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 34
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Annually

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

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 10/07/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/20/2019
Date Data Arrived at EDR: 06/20/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 49
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 03/16/2020
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: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 11/25/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Varies

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

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/06/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 11/12/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 85

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2019
Date Data Arrived at EDR: 07/16/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 78

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/16/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/06/2019
Next Scheduled EDR Contact: 01/19/2020
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/04/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/21/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 82

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/15/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 11/20/2019
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 12/09/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/27/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 76

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/27/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 09/17/2019
Date Data Arrived at EDR: 09/18/2019
Date Made Active in Reports: 12/03/2019
Number of Days to Update: 76

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 12/02/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2019
Date Data Arrived at EDR: 09/10/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 37

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 03/23/2020
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: 08/12/2019
Date Data Arrived at EDR: 09/04/2019
Date Made Active in Reports: 12/03/2019
Number of Days to Update: 90

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 07/06/2019
Date Data Arrived at EDR: 07/09/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/08/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/10/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 83
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/19/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/23/2019
Date Data Arrived at EDR: 09/24/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 43
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 10/31/2019
Date Data Arrived at EDR: 11/01/2019
Date Made Active in Reports: 12/11/2019
Number of Days to Update: 40
Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 09/27/2019
Date Data Arrived at EDR: 10/01/2019
Date Made Active in Reports: 11/07/2019
Number of Days to Update: 37

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 08/28/2019
Date Data Arrived at EDR: 08/30/2019
Date Made Active in Reports: 10/29/2019
Number of Days to Update: 60

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 12/02/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 09/06/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/12/2019
Number of Days to Update: 62

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 12/02/2019
Next Scheduled EDR Contact: 03/16/2020
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: 12/31/2017
Date Data Arrived at EDR: 06/24/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 59

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/18/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/22/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 66

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 10/30/2019
Next Scheduled EDR Contact: 02/02/2020
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

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

Date of Government Version: 08/16/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 05/29/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 54

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/19/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

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

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

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/19/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 10/07/2019
Date Data Arrived at EDR: 10/08/2019
Date Made Active in Reports: 11/07/2019
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/08/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 57

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
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: 07/19/2019
Date Data Arrived at EDR: 09/04/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 62

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 08/13/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 64

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/12/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 09/03/2019
Date Data Arrived at EDR: 09/04/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 62

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 57

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/16/2019
Date Data Arrived at EDR: 09/18/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 49

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/11/2019
Next Scheduled EDR Contact: 03/30/2020
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 11/18/2019
Number of Days to Update: 90
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 64
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

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: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/17/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 58

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 09/03/2019
Date Data Arrived at EDR: 09/04/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 62

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 7

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/22/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/22/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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

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

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 10/02/2019
Date Data Arrived at EDR: 10/03/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 34

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 09/06/2019
Date Data Arrived at EDR: 09/10/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 51

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 12/02/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 08/05/2019
Date Data Arrived at EDR: 08/07/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 63

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/03/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/23/2019
Date Made Active in Reports: 10/22/2019
Number of Days to Update: 60

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 12/11/2019
Number of Days to Update: 43

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 09/06/2019
Date Data Arrived at EDR: 09/12/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 49

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

FRESNO COUNTY:

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

Date of Government Version: 10/08/2019
Date Data Arrived at EDR: 10/10/2019
Date Made Active in Reports: 12/11/2019
Number of Days to Update: 62

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 10/09/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/08/2019
Date Data Arrived at EDR: 07/10/2019
Date Made Active in Reports: 09/20/2019
Number of Days to Update: 72

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 10/30/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 65

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/06/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 63

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/25/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 08/16/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/15/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/22/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 65

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

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

Source: N/A
Telephone: N/A
Last EDR Contact: 12/11/2019
Next Scheduled EDR Contact: 03/30/2020
Data Release Frequency: No Update Planned

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

Date of Government Version: 09/26/2019
Date Data Arrived at EDR: 10/04/2019
Date Made Active in Reports: 11/07/2019
Number of Days to Update: 34

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/15/2019
Date Data Arrived at EDR: 10/16/2019
Date Made Active in Reports: 12/12/2019
Number of Days to Update: 57

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/16/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/09/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/27/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42
Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 10/18/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/27/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/27/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 07/15/2019
Date Data Arrived at EDR: 07/17/2019
Date Made Active in Reports: 08/05/2019
Number of Days to Update: 19
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/09/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

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

Date of Government Version: 06/27/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 64

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/22/2019
Date Data Arrived at EDR: 08/26/2019
Date Made Active in Reports: 10/29/2019
Number of Days to Update: 64

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 12/19/2019
Next Scheduled EDR Contact: 04/13/2020
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/29/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 53

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 08/21/2019
Date Data Arrived at EDR: 09/03/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 58

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 07/25/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 62

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 12/19/2019
Next Scheduled EDR Contact: 04/13/2020
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: No Update Planned

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

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/30/2019
Date Data Arrived at EDR: 10/30/2019
Date Made Active in Reports: 12/11/2019
Number of Days to Update: 42

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

ORANGE COUNTY:

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

Date of Government Version: 07/10/2019
Date Data Arrived at EDR: 08/07/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 63
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/04/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Annually

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

Date of Government Version: 07/10/2019
Date Data Arrived at EDR: 08/09/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 61
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/04/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

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

Date of Government Version: 07/10/2019
Date Data Arrived at EDR: 08/06/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 64
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/05/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

PLACER COUNTY:

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

Date of Government Version: 09/03/2019
Date Data Arrived at EDR: 09/05/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 61
Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 12/02/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64
Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/17/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 12/13/2019
Number of Days to Update: 52
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/16/2019
Next Scheduled EDR Contact: 03/30/2020
Data Release Frequency: Quarterly

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

Date of Government Version: 07/10/2019
Date Data Arrived at EDR: 07/11/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 74
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/16/2019
Next Scheduled EDR Contact: 03/30/2020
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

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

Date of Government Version: 08/06/2019
Date Data Arrived at EDR: 10/01/2019
Date Made Active in Reports: 11/07/2019
Number of Days to Update: 37
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/01/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

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

Date of Government Version: 08/07/2019
Date Data Arrived at EDR: 10/01/2019
Date Made Active in Reports: 11/08/2019
Number of Days to Update: 38
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/01/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 07/16/2019
Date Data Arrived at EDR: 07/16/2019
Date Made Active in Reports: 09/24/2019
Number of Days to Update: 70
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 08/29/2019
Date Data Arrived at EDR: 08/30/2019
Date Made Active in Reports: 10/29/2019
Number of Days to Update: 60
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/04/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

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

Date of Government Version: 09/03/2019
Date Data Arrived at EDR: 09/04/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 62

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 10/16/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 12/13/2019
Number of Days to Update: 52

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

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

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

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/25/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversite Facilities

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

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 67

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/11/2019
Next Scheduled EDR Contact: 03/30/2020
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 12/11/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 09/03/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 57

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Annually

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

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/05/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 07/30/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 67

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/25/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 08/28/2019
Date Data Arrived at EDR: 08/30/2019
Date Made Active in Reports: 10/29/2019
Number of Days to Update: 60

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/02/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 06/18/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 29

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/17/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 11/07/2019
Number of Days to Update: 36

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/17/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 07/18/2019
Date Data Arrived at EDR: 07/18/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 70

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/29/2019
Date Data Arrived at EDR: 09/03/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 64

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 12/02/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 65

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 64

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 11/04/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 05/29/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 63

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/21/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/19/2019
Next Scheduled EDR Contact: 04/13/2020
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/26/2019
Date Data Arrived at EDR: 10/23/2019
Date Made Active in Reports: 12/13/2019
Number of Days to Update: 51
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/21/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 07/26/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Quarterly

YOLO COUNTY:

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

Date of Government Version: 09/25/2019
Date Data Arrived at EDR: 10/01/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 30
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/19/2019
Next Scheduled EDR Contact: 04/13/2020
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 07/26/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 69
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/14/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 08/05/2019
Number of Days to Update: 83

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/11/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/09/2019
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 12/10/2019
Number of Days to Update: 69

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/18/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

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

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

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

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

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

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

ELK GROVE CENTER
10051 BIG HORN BLVD
ELK GROVE, CA 95757

TARGET PROPERTY COORDINATES

Latitude (North):	38.393416 - 38° 23' 36.30''
Longitude (West):	121.398518 - 121° 23' 54.66''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	639859.1
UTM Y (Meters):	4250474.5
Elevation:	37 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5619710 FLORIN, CA
Version Date:	2012
South Map:	5619684 BRUCEVILLE, CA
Version Date:	2012

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

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

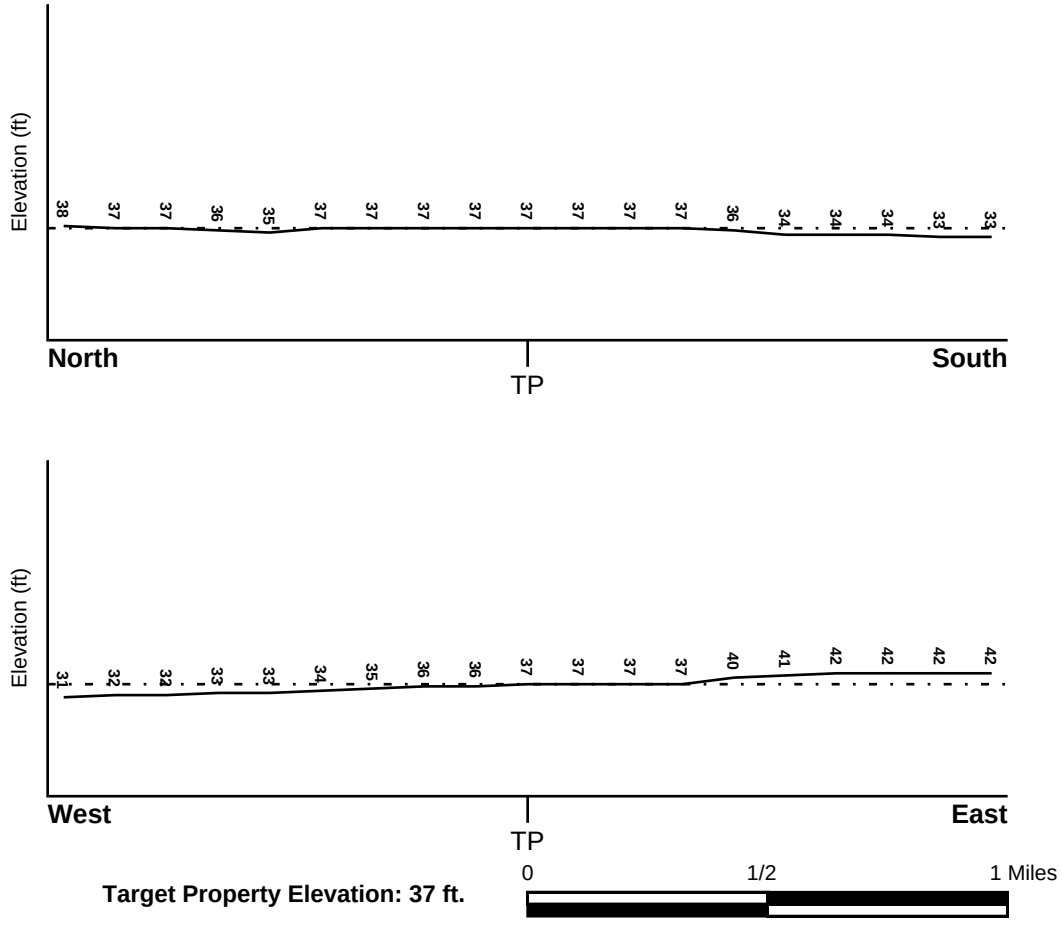
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06067C0319H	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06067C0316H	FEMA FIRM Flood data
06067C0317H	FEMA FIRM Flood data
06067C0318H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

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

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

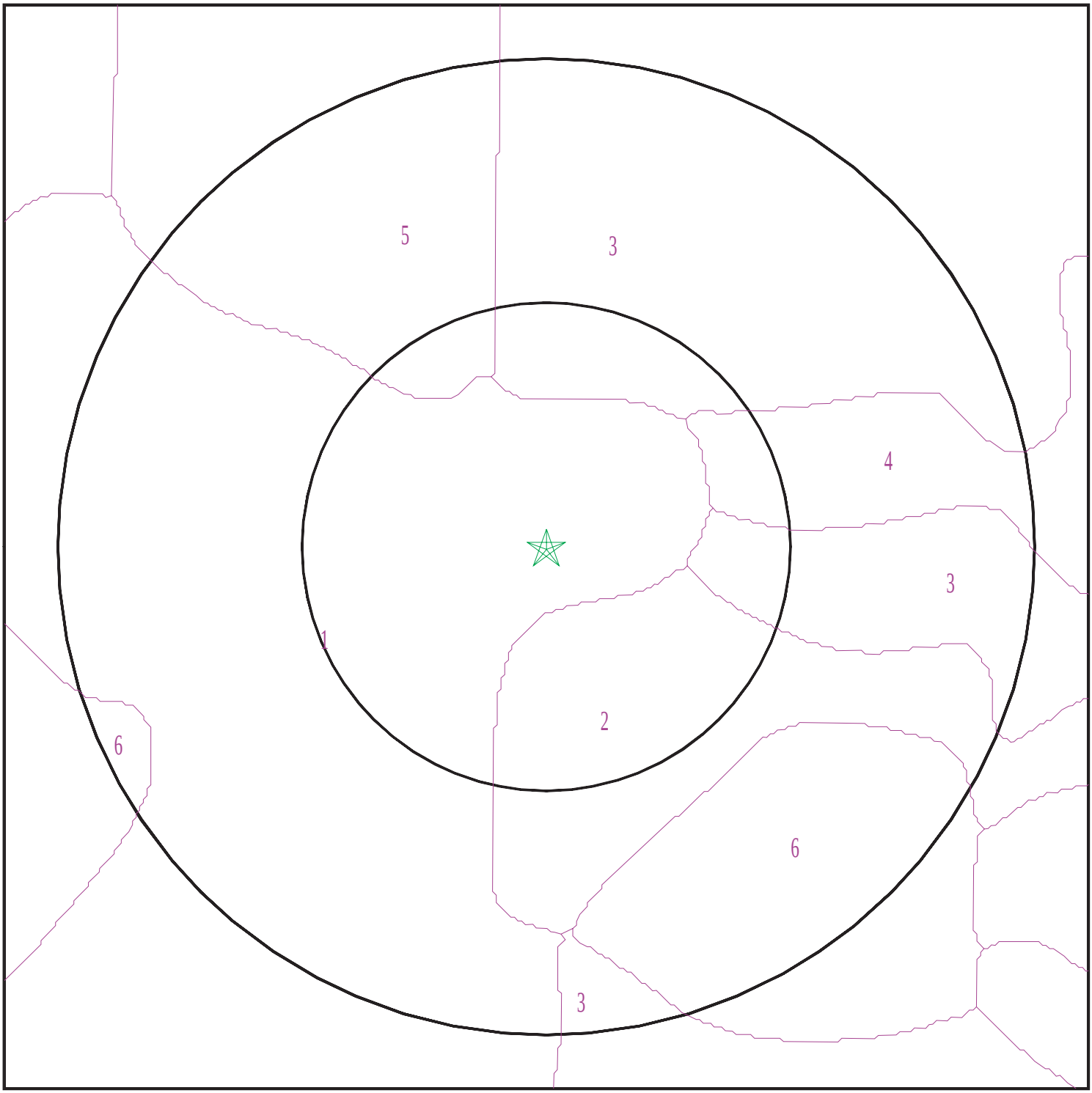
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed 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 - 5912702.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Elk Grove Center	CLIENT:	Petralogix
ADDRESS:	10051 Big Horn Blvd Elk Grove CA 95757	CONTACT:	Tonya Scheftner
LAT/LONG:	38.393416 / 121.398518	INQUIRY #:	5912702.2s
		DATE:	December 20, 2019 12:48 pm

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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: SAN JOAQUIN

Soil Surface Texture: silt 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: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1
2	14 inches	20 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1
3	20 inches	46 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
4	46 inches	59 inches	stratified sandy loam to loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1

Soil Map ID: 2

Soil Component Name: BRUELLA

Soil Surface Texture: sandy 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: 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							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	18 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
2	18 inches	42 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	42 inches	61 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1

Soil Map ID: 3

Soil Component Name: SAN JOAQUIN

Soil Surface Texture: silt 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: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	22 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1
2	22 inches	27 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	27 inches	53 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1
4	53 inches	59 inches	stratified sandy loam to loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1

Soil Map ID: 4

Soil Component Name: MADERA

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: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	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: 0.01 Min: 0	Max: Min:

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	14 inches	29 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
3	29 inches	59 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 5

Soil Component Name: SAN JOAQUIN

Soil Surface Texture: silt 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: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	22 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	22 inches	27 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1
3	27 inches	53 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1
4	53 inches	59 inches	stratified sandy loam to loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1

Soil Map ID: 6

Soil Component Name: GALT

Soil Surface Texture: clay

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: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	12 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
2	12 inches	31 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
3	31 inches	59 inches	cemented	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS40000188082	1/8 - 1/4 Mile SE
A2	USGS40000188081	1/8 - 1/4 Mile ESE
3	USGS40000188078	1/2 - 1 Mile East
B5	USGS40000188079	1/2 - 1 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

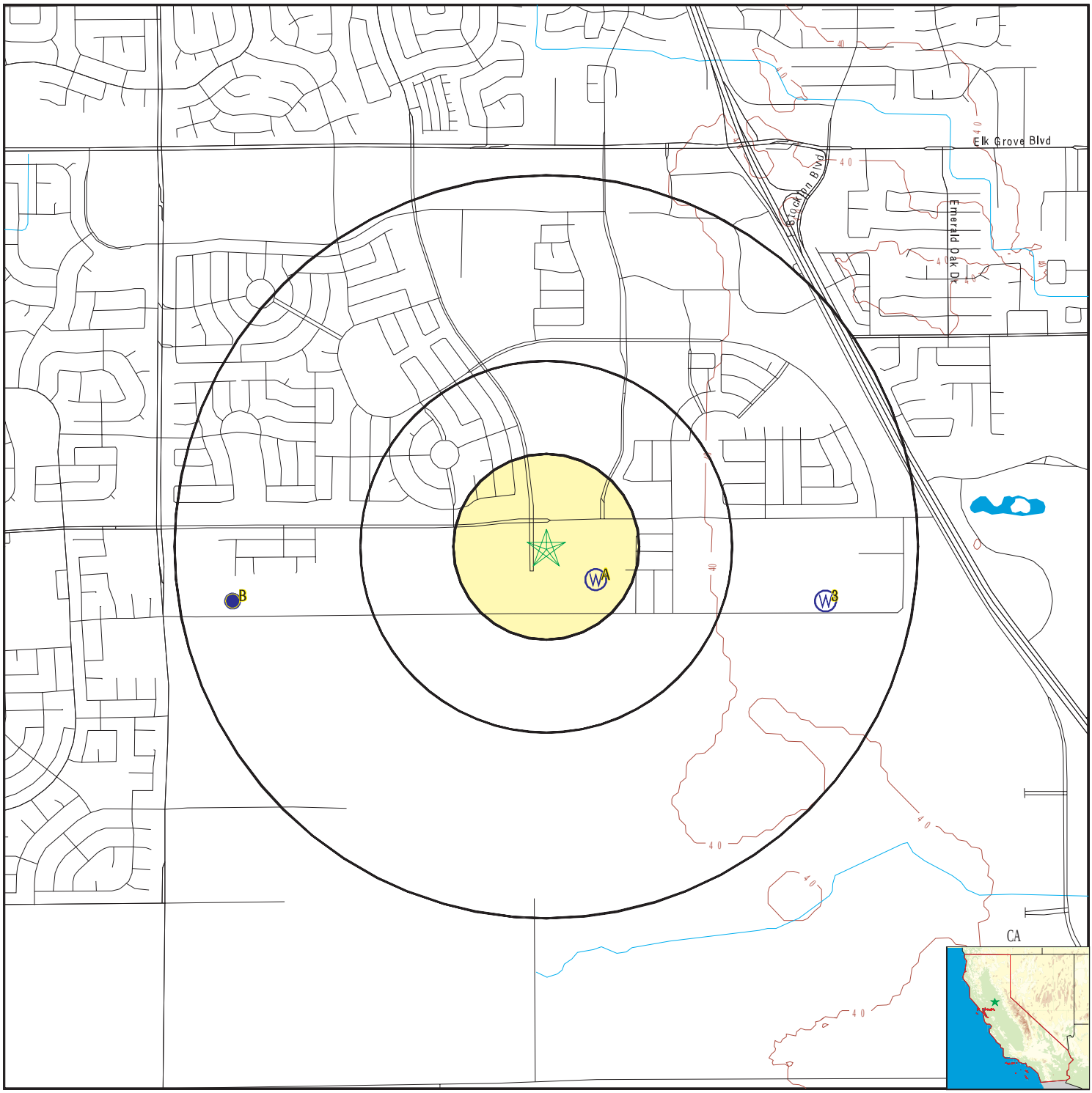
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B4	CADWR8000037852	1/2 - 1 Mile West

PHYSICAL SETTING SOURCE MAP - 5912702.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Elk Grove Center	CLIENT:	Petralogix
ADDRESS:	10051 Big Horn Blvd Elk Grove CA 95757	CONTACT:	Tonya Scheftner
LAT/LONG:	38.393416 / 121.398518	INQUIRY #:	5912702.2s
		DATE:	December 20, 2019 12:48 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
SE
1/8 - 1/4 Mile
Higher

FED USGS **USGS40000188082**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005E11B001M	Type:	Well
Description:	Not Reported	HUC:	18020109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19750101	Well Depth:	265
Well Depth Units:	ft	Well Hole Depth:	310
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1975-01-01
Feet below surface:	95.00	Feet to sea level:	Not Reported
Note:	Not Reported		

A2
ESE
1/8 - 1/4 Mile
Higher

FED USGS **USGS40000188081**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005E11B002M	Type:	Well
Description:	Not Reported	HUC:	18020109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Laguna Formation	Aquifer Type:	Not Reported
Construction Date:	19750101	Well Depth:	270
Well Depth Units:	ft	Well Hole Depth:	310
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	2	Level reading date:	1982-07-02
Feet below surface:	120.9	Feet to sea level:	Not Reported
Note:	The site had been pumped recently.		
Level reading date:	1975-01-01	Feet below surface:	120.00
Feet to sea level:	Not Reported	Note:	Not Reported

3
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000188078**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005E12C001M	Type:	Well
Description:	Not Reported	HUC:	18020109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported

Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19560525	Well Depth:	120
Well Depth Units:	ft	Well Hole Depth:	152
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1956-05-25
Feet below surface:	77.00	Feet to sea level:	Not Reported
Note:	Not Reported		

B4
West
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000037852**

State Well #:	06N05E10B001M	Station ID:	28206
Well Name:	Not Reported	Well Use:	Irrigation
Well Type:	Unknown	Well Depth:	250
Basin Name:	South American	Well Completion Rpt #:	786

B5
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000188079**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005E10B001M	Type:	Well
Description:	Not Reported	HUC:	18020109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19520314	Well Depth:	198
Well Depth Units:	ft	Well Hole Depth:	250
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	51	Level reading date:	1979-10-10
Feet below surface:	126.8	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1979-03-14	Feet below surface:	117.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-10-04	Feet below surface:	140.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-03-17	Feet below surface:	121.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-10-06	Feet below surface:	136.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-03-01	Feet below surface:	114.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-03-05	Feet below surface:	103.1

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-10-15	Feet below surface:	122.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-03-06	Feet below surface:	101.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-10-10	Feet below surface:	122.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-03-11	Feet below surface:	100.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-10-16	Feet below surface:	113.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-04-06	Feet below surface:	103.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-10-16	Feet below surface:	107.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-03-10	Feet below surface:	97.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-10-29	Feet below surface:	109.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-03-18	Feet below surface:	99.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-10-15	Feet below surface:	116.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-03-23	Feet below surface:	100.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-10-08	Feet below surface:	105.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-04-08	Feet below surface:	94.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-10-08	Feet below surface:	107.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-03-06	Feet below surface:	94.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1967-10-05	Feet below surface:	104.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1967-03-06	Feet below surface:	95.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1966-03-08	Feet below surface:	92.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1965-10-05	Feet below surface:	103.0
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1965-03-16	Feet below surface:	91.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1964-10-13	Feet below surface:	108.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963-10-16	Feet below surface:	95.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963-03-19	Feet below surface:	88.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1962-10-16	Feet below surface:	94.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1962-03-29	Feet below surface:	85.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1961-10-18	Feet below surface:	93.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1961-03-07	Feet below surface:	83.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1960-10-14	Feet below surface:	88.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1960-03-14	Feet below surface:	77.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1959-10-21	Feet below surface:	83.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1959-03-27	Feet below surface:	76.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-04-22	Feet below surface:	75.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1957-10-17	Feet below surface:	76.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1957-03-29	Feet below surface:	68.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1956-10-11	Feet below surface:	75.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1956-03-23	Feet below surface:	66.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1955-10-25	Feet below surface:	73.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1955-03-22	Feet below surface:	65.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1954-11-05	Feet below surface:	69.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1954-03-29	Feet below surface:	60.1
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1953-11-04	Feet below surface:	64.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1953-01-20	Feet below surface:	56.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1952-03-14	Feet below surface:	60.00
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95757	7	0

Federal EPA Radon Zone for SACRAMENTO 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 SACRAMENTO COUNTY, CA

Number of sites tested: 52

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.665 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.200 pCi/L	100%	0%	0%
Basement	8.350 pCi/L	50%	50%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

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

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

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

GEOLOGIC INFORMATION

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

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

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

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

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

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

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

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

STREET AND ADDRESS INFORMATION

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Elk Grove Center
10051 Big Horn Blvd
Elk Grove, CA 95757

Inquiry Number: 5912702.2s
January 2, 2020

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Default Area of Concern (Miles)*	property	1/10	> 1/10
Federal NPL site list	1.0	0	0	0
Federal Delisted NPL site list	1.0	0	0	0
Federal CERCLIS list	0.5	0	0	0
Federal CERCLIS NFRAP site list	0.5	0	0	0
Federal RCRA CORRACTS facilities list	1.0	0	0	0
Federal RCRA non-CORRACTS TSD facilities list	0.5	0	0	0
Federal RCRA generators list	0.25	0	0	0
Federal institutional controls / engineering controls registries	0.5	0	0	0
Federal ERNS list	0.001	0	0	-
State- and tribal - equivalent NPL	1.0	0	0	0
State- and tribal - equivalent CERCLIS	1.0	0	0	1
State and tribal landfill and/or solid waste disposal site lists	0.5	0	0	0
State and tribal leaking storage tank lists	0.5	0	0	0
State and tribal registered storage tank lists	0.25	0	0	0
State and tribal institutional control / engineering control registries	not searched	-	-	-
State and tribal voluntary cleanup sites	0.5	0	0	0
State and tribal Brownfields sites	0.5	0	0	0

ADDITIONAL ENVIRONMENTAL RECORDS				
Local Brownfield lists	0.5	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	0	0	0
Local Lists of Hazardous waste / Contaminated Sites	1.0	0	0	1
Local Lists of Registered Storage Tanks	0.25	0	0	0
Local Land Records	0.5	0	0	0
Records of Emergency Release Reports	0.5	0	0	0
Other Ascertainable Records	1.0	1	0	0

EDR HIGH RISK HISTORICAL RECORDS				
EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

*The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

ELK GROVE CENTER
10051 BIG HORN BLVD
ELK GROVE, CA 95757

COORDINATES

Latitude (North):	38.393416 - 38° 23′ 36.30249″
Longitude (West):	121.398518 - 121° 23′ 54.677124″
Elevation:	37 ft. above sea level

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records.

Site	Database(s)
CRC ELK GROVE CENTER 10051 BIG HORN BLVD ELK GROVE, CA 95757	CIWQS

EXECUTIVE SUMMARY

SEARCH RESULTS

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

STANDARD ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
LAGUNA RIDGE HIGH/MIDDLE SCHOOL NO. 9 ENVIROSTOR: ENVIROSTOR SCH: SCH	NEW POPPY RIDGE ROAD/BIG HORN BOULEVARD	1/10 - 1/3 NNE	▲ 2	9

ADDITIONAL ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
CRC ELK GROVE CENTER CIWQS: CIWQS	10051 BIG HORN BLVD	Property	▲ 1	8
LAGUNA RIDGE HIGH/MIDDLE SCHOOL NO. 9 ENVIROSTOR: ENVIROSTOR SCH: SCH	NEW POPPY RIDGE ROAD/BIG HORN BOULEVARD	1/10 - 1/3 NNE	▲ 2	9

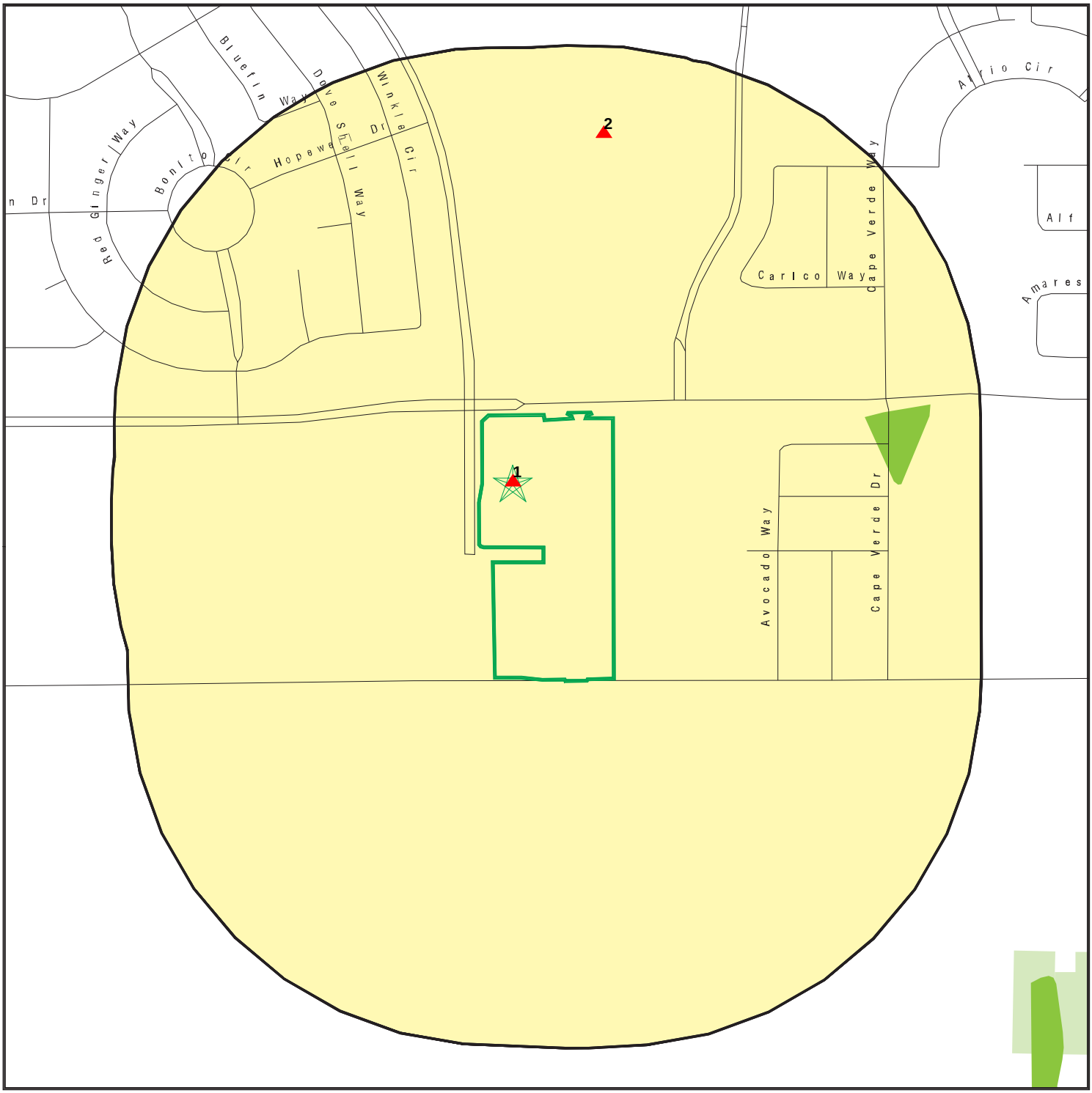
EDR HIGH RISK HISTORICAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
Not Reported				

EDR RECOVERED GOVERNMENT ARCHIVES

Name	Address	Dist/Dir	Map ID	Page
Not Reported				

PRIMARY MAP - 5912702.2S



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

0 300 1/3 1/2 Miles

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

N

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: Elk Grove Center	CLIENT: Petralogix
ADDRESS: 10051 Big Horn Blvd Elk Grove CA 95757	CONTACT: Tonya Scheftner
LAT/LONG: 38.393416 / 121.398518	INQUIRY #: 5912702.2s DATE: December 20, 2019 12:47 pm

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SECONDARY MAP - 5912702.2S

0 1/3 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Upgradient Area
- 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: Elk Grove Center ADDRESS: 10051 Big Horn Blvd Elk Grove CA 95757 LAT/LONG: 38.393416 / 121.398518	CLIENT: Petralogix CONTACT: Tonya Scheftner INQUIRY #: 5912702.2s DATE: December 20, 2019 12:47 pm

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MAP FINDINGS

LEGEND

FACILITY NAME **FACILITY ADDRESS, CITY, ST, ZIP**		EDR SITE ID NUMBER
◆ **MAP ID#**	Direction Distance Range (Distance feet / miles) Relative Elevation Feet Above Sea Level	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.

Worksheet:

Comments:
Comments may be added on the online Vapor Encroachment Worksheet.

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

CRC ELK GROVE CENTER 10051 BIG HORN BLVD, ELK GROVE, CA, 95757		S111459494
▲ 1	Target Property 37 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

CIWQS: Other Ascertainable Records

Name:	CRC ELK GROVE CENTER OFFSITE
Address:	10051 BIG HORN BLVD
City,State,Zip:	ELK GROVE, CA 95757
Agency:	Los Rios Community College District
Agency Address:	3753 Bradview Dr, Sacramento, CA 95827
Place/Project Type:	Construction - Commercial
SIC/NAICS:	Not Reported
Region:	5S
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	5S34C363956
NPDES Number:	CAS000002
Adoption Date:	Not Reported
Effective Date:	06/25/2012
Termination Date:	04/24/2014
Expiration/Review Date:	Not Reported
Design Flow:	Not Reported
Major/Minor:	Not Reported
Complexity:	Not Reported
TTWQ:	Not Reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0

CRC ELK GROVE CENTER, 10051 BIG HORN BLVD, ELK GROVE, CA 95757 (Continued)

Latitude:	38.39453
Longitude:	-121.399116
Name:	CRC ELK GROVE CENTER
Address:	10051 BIG HORN BLVD
City,State,Zip:	ELK GROVE, CA 95757
Agency:	Los Rios Community College District
Agency Address:	3753 Bradview Dr, Sacramento, CA 95827
Place/Project Type:	Construction - Other: Educational Facility
SIC/NAICS:	Not Reported
Region:	5S
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	5S34C362465
NPDES Number:	CAS000002
Adoption Date:	Not Reported
Effective Date:	11/21/2011
Termination Date:	08/28/2013
Expiration/Review Date:	Not Reported
Design Flow:	Not Reported
Major/Minor:	Not Reported
Complexity:	Not Reported
TTWQ:	Not Reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	38.3936
Longitude:	-121.3983

LAGUNA RIDGE HIGH/MIDDLE SCHOOL NO. 9 NEW POPPY RIDGE ROAD/BIG HORN BOULEVARD, ELK GROVE, CA, 95758			S118756779
▲ 2	NNE 1/10 - 1/3	(1337 ft. / 0.253 mi.)	State- and tribal - equivalent CERCLIS Local Lists of Hazardous waste / Contaminated Sites
	1 ft. Higher Elevation	38 ft. Above Sea Level	

Worksheet:

ENVIROSTOR: State- and tribal - equivalent CERCLIS

Name:	LAGUNA RIDGE HIGH/MIDDLE SCHOOL NO. 9
Address:	NEW POPPY RIDGE ROAD/BIG HORN BOULEVARD
City,State,Zip:	ELK GROVE, CA 95758
Facility ID:	34010026
Status:	No Action Required
Status Date:	03/23/2004
Site Code:	104397
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	72

LAGUNA RIDGE HIGH/MIDDLE SCHOOL NO. 9, NEW POPPY RIDGE ROAD/BIG HORN BOULEVARD, ELK GROVE, CA 95758 (Continued)

NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Jose Luevano
Supervisor:	Mark Malinowski
Division Branch:	Northern California Schools & Santa Susana
Assembly:	09
Senate:	06
Special Program:	Not Reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	38.398
Longitude:	-121.397
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	Cosumnes Oaks High School
Alias Type:	Alternate Name
Alias Name:	ELK GROVE USD-LAGUNA RIDGE HI/MID SCL #9
Alias Type:	Alternate Name
Alias Name:	Elezabeth Pinkerton Middle School
Alias Type:	Alternate Name
Alias Name:	104397
Alias Type:	Project Code (Site Code)
Alias Name:	34010022
Alias Type:	Envirostor ID Number
Alias Name:	34010026
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not Reported
Completed Document Type:	Phase 1
Completed Date:	03/23/2004
Comments:	COMPLETED: DTSC reviewed a Phase I Environmental Assessment and has made a "No Action determination for this Site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not Reported
Completed Document Type:	Other Report
Completed Date:	01/25/2007
Comments:	Fill material request approved.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not Reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	05/19/2004
Comments:	COMPLETED: DTSC reviewed a Phase I Environmental Assessment and has

LAGUNA RIDGE HIGH/MIDDLE SCHOOL NO. 9, NEW POPPY RIDGE ROAD/BIG HORN BOULEVARD, ELK GROVE, CA 95758 (Continued)

made a "No Action determination for this Site.

Future Area Name:	Not Reported
Future Sub Area Name:	Not Reported
Future Document Type:	Not Reported
Future Due Date:	Not Reported
Schedule Area Name:	Not Reported
Schedule Sub Area Name:	Not Reported
Schedule Document Type:	Not Reported
Schedule Due Date:	Not Reported
Schedule Revised Date:	Not Reported

SCH: Local Lists of Hazardous waste / Contaminated Sites

Name:	LAGUNA RIDGE HIGH/MIDDLE SCHOOL NO. 9
Address:	NEW POPPY RIDGE ROAD/BIG HORN BOULEVARD
City,State,Zip:	ELK GROVE, CA 95758
Facility ID:	34010026
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	72
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Jose Luevano
Supervisor:	Mark Malinowski
Division Branch:	Northern California Schools & Santa Susana
Site Code:	104397
Assembly:	09
Senate:	06
Special Program Status:	Not Reported
Status:	No Action Required
Status Date:	03/23/2004
Restricted Use:	NO
Funding:	School District
Latitude:	38.398
Longitude:	-121.397
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	Cosumnes Oaks High School
Alias Type:	Alternate Name
Alias Name:	ELK GROVE USD-LAGUNA RIDGE HI/MID SCL #9
Alias Type:	Alternate Name
Alias Name:	Elezabeth Pinkerton Middle School
Alias Type:	Alternate Name

LAGUNA RIDGE HIGH/MIDDLE SCHOOL NO. 9, NEW POPPY RIDGE ROAD/BIG HORN BOULEVARD, ELK GROVE, CA 95758 (Continued)

Alias Name:	104397
Alias Type:	Project Code (Site Code)
Alias Name:	34010022
Alias Type:	Envirostor ID Number
Alias Name:	34010026
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not Reported
Completed Document Type:	Phase 1
Completed Date:	03/23/2004
Comments:	COMPLETED: DTSC reviewed a Phase I Environmental Assessment and has made a "No Action determination for this Site.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not Reported
Completed Document Type:	Other Report
Completed Date:	01/25/2007
Comments:	Fill material request approved.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not Reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	05/19/2004
Comments:	COMPLETED: DTSC reviewed a Phase I Environmental Assessment and has made a "No Action determination for this Site.

Future Area Name:	Not Reported
Future Sub Area Name:	Not Reported
Future Document Type:	Not Reported
Future Due Date:	Not Reported
Schedule Area Name:	Not Reported
Schedule Sub Area Name:	Not Reported
Schedule Document Type:	Not Reported
Schedule Due Date:	Not Reported
Schedule Revised Date:	Not Reported

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
ENVIRONMENTAL RECORDS						
Federal NPL site list						
US	NPL	National Priority List	EPA	10/25/2019	11/07/2019	11/20/2019
US	Proposed NPL	Proposed National Priority List Sites	EPA	10/25/2019	11/07/2019	11/20/2019
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
Federal CERCLIS list						
US	SEMS	Superfund Enterprise Management System	EPA	10/25/2019	11/07/2019	11/21/2019
Federal RCRA CORRACTS facilities list						
US	CORRACTS	Corrective Action Report	EPA	06/24/2019	06/26/2019	10/17/2019
Federal RCRA TSD facilities list						
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	06/24/2019	06/26/2019	10/17/2019
Federal RCRA generators list						
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	06/24/2019	06/26/2019	10/17/2019
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	06/24/2019	06/26/2019	10/17/2019
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	06/24/2019	06/26/2019	10/17/2019
Federal institutional controls / engineering controls registries						
US	LUCIS	Land Use Control Information System	Department of the Navy	08/13/2019	08/20/2019	08/26/2019
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	08/19/2019	08/20/2019	08/26/2019
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	08/19/2019	08/20/2019	08/26/2019
Federal ERNS list						
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	09/09/2019	09/09/2019	09/23/2019
State and tribal - equivalent NPL						
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	07/29/2019	07/31/2019	10/08/2019
State and tribal - equivalent CERCLIS						
CA	ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	07/29/2019	07/31/2019	10/08/2019
State and tribal landfill / solid waste disposal						
CA	SWF/LF (SWIS)	Solid Waste Information System	Department of Resources Recycling and Recover	08/12/2019	08/13/2019	10/09/2019
State and tribal leaking storage tank lists						
CA	LUST	Leaking Underground Fuel Tank Report (GEOTRACKER)	State Water Resources Control Board	09/09/2019	09/09/2019	10/31/2019
CA	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
CA	LUST REG 7	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	02/26/2004	02/26/2004	03/24/2004
CA	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
CA	LUST REG 4	Underground Storage Tank Leak List	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	LUST REG 8	Leaking Underground Storage Tanks	California Regional Water Quality Control Boa	02/14/2005	02/15/2005	03/28/2005
CA	LUST REG 9	Leaking Underground Storage Tank Report	California Regional Water Quality Control Boa	03/01/2001	04/23/2001	05/21/2001

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	LUST REG 6L	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	09/09/2003	09/10/2003	10/07/2003
CA	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	07/01/2008	07/22/2008	07/31/2008
CA	LUST REG 1	Active Toxic Site Investigation	California Regional Water Quality Control Boa	02/01/2001	02/28/2001	03/29/2001
CA	LUST REG 6V	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	06/07/2005	06/07/2005	06/29/2005
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	04/16/2019	07/29/2019	10/17/2019
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	05/02/2019	10/22/2019	11/11/2019
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	07/02/2019	10/16/2019	10/24/2019
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/08/2019	07/30/2019	10/17/2019
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	04/12/2019	07/29/2019	10/17/2019
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/11/2019	07/29/2019	10/17/2019
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	04/08/2019	07/29/2019	10/17/2019
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	05/01/2019	07/29/2019	10/17/2019
CA	CPS-SLIC	Statewide SLIC Cases (GEOTRACKER)	State Water Resources Control Board	09/09/2019	09/09/2019	11/06/2019
CA	SLIC REG 1	Active Toxic Site Investigations	California Regional Water Quality Control Boa	04/03/2003	04/07/2003	04/25/2003
CA	SLIC REG 2	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board San Fran	09/30/2004	10/20/2004	11/19/2004
CA	SLIC REG 3	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	05/18/2006	05/18/2006	06/15/2006
CA	SLIC REG 4	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Region Water Quality Control Board Los Angele	11/17/2004	11/18/2004	01/04/2005
CA	SLIC REG 5	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board Central	04/01/2005	04/05/2005	04/21/2005
CA	SLIC REG 6V	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board, Victorv	05/24/2005	05/25/2005	06/16/2005
CA	SLIC REG 6L	SLIC Sites	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	SLIC REG 7	SLIC List	California Regional Quality Control Board, Co	11/24/2004	11/29/2004	01/04/2005
CA	SLIC REG 8	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Region Water Quality Control Board	04/03/2008	04/03/2008	04/14/2008
CA	SLIC REG 9	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	09/10/2007	09/11/2007	09/28/2007
State and tribal registered storage tank lists						
CA	UST	Active UST Facilities	SWRCB	09/09/2019	09/09/2019	10/31/2019
CA	MILITARY UST SITES	Military UST Sites (GEOTRACKER)	State Water Resources Control Board	09/09/2019	09/09/2019	11/01/2019
CA	UST CLOSURE	Proposed Closure of Underground Storage Tank (UST) Cases	State Water Resources Control Board	09/06/2019	09/09/2019	10/31/2019
CA	UST MENDOCINO	Mendocino County UST Database	Department of Public Health	08/20/2019	09/09/2019	10/31/2019
CA	AST	Aboveground Petroleum Storage Tank Facilities	California Environmental Protection Agency	07/06/2016	07/12/2016	09/19/2016
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	04/08/2019	07/29/2019	10/17/2019
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	05/02/2019	10/22/2019	11/11/2019
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	05/01/2019	07/29/2019	10/17/2019
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/08/2019	07/29/2019	10/17/2019
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	04/12/2019	07/29/2019	10/17/2019
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	05/02/2019	07/29/2019	10/17/2019
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	04/11/2019	07/30/2019	10/17/2019
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/16/2019	07/30/2019	10/17/2019
US	FEMA UST	Underground Storage Tank Listing	FEMA	08/27/2019	08/28/2019	11/11/2019

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
State and tribal voluntary cleanup sites						
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	07/29/2019	07/31/2019	10/08/2019
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
State and tribal Brownfields sites						
CA	BROWNFIELDS	Considered Brownfieds Sites Listing	State Water Resources Control Board	09/23/2019	09/24/2019	11/06/2019
Other Records						
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	06/30/2019	07/16/2019	10/02/2019
US	ROD	Records Of Decision	EPA	10/25/2019	11/07/2019	11/20/2019
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	10/25/2019	11/07/2019	11/20/2019
CA	HIST CAL-SITES	Calsites Database	Department of Toxic Substance Control	08/08/2005	08/03/2006	08/24/2006
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
CA	SWRCY	Recycler Database	Department of Conservation	09/09/2019	09/09/2019	11/07/2019
CA	CA FID UST	Facility Inventory Database	California Environmental Protection Agency	10/31/1994	09/05/1995	09/29/1995
CA	HIST UST	Hazardous Substance Storage Container Database	State Water Resources Control Board	10/15/1990	01/25/1991	02/12/1991
CA	SAN FRANCISCO AST	Aboveground Storage Tank Site Listing	San Francisco County Department of Public Hea	08/01/2019	08/02/2019	10/11/2019
CA	SWEEPS UST	SWEEPS UST Listing	State Water Resources Control Board	06/01/1994	07/07/2005	08/11/2005
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	08/08/2017	09/11/2018	09/14/2018
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	10/25/2019	11/07/2019	11/20/2019
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	05/24/2017	11/30/2017	12/15/2017
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	06/24/2019	06/26/2019	09/23/2019
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	06/11/2019	06/13/2019	09/03/2019
US	Delisted NPL	National Priority List Deletions	EPA	10/25/2019	11/07/2019	11/20/2019
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	10/25/2019	11/07/2019	11/21/2019
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	06/24/2019	06/26/2019	10/17/2019
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	06/24/2019	06/26/2019	09/23/2019
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	07/01/2019	07/31/2019	10/24/2019
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	06/11/2019	06/13/2019	09/03/2019
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	06/03/2019	06/04/2019	08/26/2019
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	05/15/2019	05/21/2019	08/08/2019
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/01/2019	08/21/2019	11/11/2019
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	08/01/2019	08/27/2019	11/11/2019
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	09/17/2019	09/18/2019	12/03/2019

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	12/05/2005	02/29/2008	04/18/2008
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	PRP	Potentially Responsible Parties	EPA	10/25/2019	11/07/2019	11/21/2019
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2017	11/16/2018	11/21/2019
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/21/2017	01/05/2018
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	SSTS	Section 7 Tracking Systems	EPA	09/30/2018	04/24/2019	08/08/2019
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	PADS	PCB Activity Database System	EPA	03/20/2019	04/10/2019	05/14/2019
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	06/20/2019	06/20/2019	08/08/2019
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	FINDS	Facility Index System/Facility Registry System	EPA	08/12/2019	09/04/2019	12/03/2019
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	04/25/2019	05/02/2019	05/23/2019
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2015	02/22/2017	09/28/2017
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	ABANDONED MINES	Abandoned Mines	Department of Interior	09/10/2019	09/10/2019	10/17/2019
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	06/30/2018	07/16/2019	09/24/2019
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	05/15/2019	06/24/2019	08/21/2019
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	09/23/2019	09/24/2019	11/06/2019
CA	CUPA SAN FRANCISCO CO	CUPA Facility Listing	San Francisco County Department of Environmen	10/31/2019	11/01/2019	12/11/2019
CA	CUPA LIVERMORE-PLEASANTON	CUPA Facility Listing	Livermore-Pleasanton Fire Department	05/01/2019	05/14/2019	07/17/2019
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	09/03/2019	09/04/2019	11/05/2019
CA	DRYCLEAN SOUTH COAST	South Coast Air Quality Management District Drycleaner Listi	South Coast Air Quality Management District	09/27/2019	10/01/2019	11/07/2019
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	09/06/2019	10/11/2019	12/12/2019
CA	DRYCLEAN AVAQMD	Antelope Valley Air Quality Management District Drycleaner L	Antelope Valley Air Quality Management Distri	08/28/2019	08/30/2019	10/29/2019
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2017	06/24/2019	08/22/2019
CA	ENF	Enforcement Action Listing	State Water Resoruces Control Board	07/19/2019	07/22/2019	09/26/2019
CA	Financial Assurance 1	Financial Assurance Information Listing	Department of Toxic Substances Control	07/19/2019	07/23/2019	09/30/2019
CA	Financial Assurance 2	Financial Assurance Information Listing	California Integrated Waste Management Board	08/16/2019	08/20/2019	10/18/2019
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	03/26/2019	03/27/2019	04/30/2019
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2017	05/29/2019	07/22/2019
CA	HIST CORTESE	Hazardous Waste & Substance Site List	Department of Toxic Substances Control	04/01/2001	01/22/2009	04/08/2009
CA	HWP	EnviroStor Permitted Facilities Listing	Department of Toxic Substances Control	08/19/2019	08/20/2019	10/18/2019
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	10/07/2019	10/08/2019	11/07/2019
CA	ICE	ICE	Department of Toxic Subsances Control	08/19/2019	08/20/2019	10/18/2019
CA	LDS	Land Disposal Sites Listing (GEOTRACKER)	State Water Qualilty Control Board	09/09/2019	09/09/2019	11/05/2019
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	08/29/2019	08/30/2019	10/29/2019
CA	MCS	Military Cleanup Sites Listing (GEOTRACKER)	State Water Resources Control Board	09/09/2019	09/09/2019	11/05/2019
CA	MINES	Mines Site Location Listing	Department of Conservation	09/09/2019	09/09/2019	11/05/2019

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	07/19/2019	09/04/2019	11/05/2019
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	08/12/2019	08/13/2019	10/16/2019
CA	PEST LIC	Pesticide Regulation Licenses Listing	Department of Pesticide Regulation	09/03/2019	09/04/2019	11/05/2019
CA	PROC	Certified Processors Database	Department of Conservation	09/09/2019	09/09/2019	11/05/2019
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	09/16/2019	09/18/2019	11/06/2019
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	07/29/2019	07/31/2019	10/08/2019
CA	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/06/2012	01/03/2013	02/22/2013
CA	TOXIC PITS	Toxic Pits Cleanup Act Sites	State Water Resources Control Board	07/01/1995	08/30/1995	09/26/1995
CA	UIC	UIC Listing	Deaprtment of Conservation	08/20/2019	08/20/2019	11/18/2019
CA	WASTEWATER PITS	Oil Wastewater Pits Listing	RWQCB, Central Valley Region	05/08/2018	07/11/2018	09/13/2018
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
CA	WIP	Well Investigation Program Case List	Los Angeles Water Quality Control Board	07/03/2009	07/21/2009	08/03/2009
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	07/06/2019	07/09/2019	10/02/2019
CA	UIC GEO	Underground Injection Control Sites (GEOTRACKER)	State Water Resource Control Board	09/09/2019	09/09/2019	11/01/2019
CA	PROJECT	Project Sites (GEOTRACKER)	State Water Resources Control Board	09/09/2019	09/09/2019	11/01/2019
CA	SAMPLING POINT	Sampling Point ? Public Sites (GEOTRACKER)	State Water Resources Control Board	09/09/2019	09/09/2019	11/01/2019
CA	MILITARY PRIV SITES	Military Privatized Sites (GEOTRACKER)	State Water Resources Control Board	09/09/2019	09/09/2019	11/01/2019
CA	NON-CASE INFO	Non-Case Information Sites (GEOTRACKER)	State Water Resources Control Board	09/09/2019	09/09/2019	11/01/2019
CA	OTHER OIL GAS	Other Oil & Gas Projects Sites (GEOTRACKER)	State Water Resources Control Board	09/09/2019	09/09/2019	11/01/2019
CA	CERS	CalEPA Regulated Site Portal Data	California Environmental Protection Agency	08/14/2019	08/14/2019	08/21/2019
CA	CERS HAZ WASTE	CERS HAZ WASTE	CalEPA	08/14/2019	08/14/2019	08/21/2019
CA	CERS TANKS	California Environmental Reporting System (CERS) Tanks	California Environmental Protection Agency	08/14/2019	08/14/2019	08/21/2019
CA	CIWQS	California Integrated Water Quality System	State Water Resources Control Board	09/03/2019	09/04/2019	11/05/2019
US	MINES MRDS	Mineral Resources Data System	USGS	04/06/2018	10/21/2019	10/24/2019
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	08/19/2019	08/20/2019	11/11/2019
US	UXO	Unexploded Ordnance Sites	Department of Defense	12/31/2017	01/17/2019	04/01/2019
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/31/2018	07/26/2018	10/05/2018
CA	PFAS	PFAS Contamination Site Location Listing	State Water Resources Control Board	09/09/2019	09/09/2019	11/05/2019
CA	WDR	Waste Discharge Requirements Listing	State Water Resources Control Board	09/09/2019	09/09/2019	11/06/2019
CA	WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)	State Water Resources Control Board	09/09/2019	09/09/2019	11/01/2019
CA	PROD WATER PONDS	Produced Water Ponds Sites (GEOTRACKER)	State Water Resources Control Board	09/09/2019	09/09/2019	11/01/2019
HISTORICAL USE RECORDS						
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
CA	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Resources Recycling and Recover		07/01/2013	01/13/2014
CA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	State Water Resources Control Board		07/01/2013	12/30/2013

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St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
COUNTY RECORDS						
CA	CS ALAMEDA	Contaminated Sites	Alameda County Environmental Health Services	01/09/2019	01/11/2019	03/05/2019
CA	UST ALAMEDA	Underground Tanks	Alameda County Environmental Health Services	10/02/2019	10/03/2019	11/06/2019
CA	CUPA AMADOR	CUPA Facility List	Amador County Environmental Health	09/06/2019	09/10/2019	10/31/2019
CA	CUPA BUTTE	CUPA Facility Listing	Public Health Department	04/21/2017	04/25/2017	08/09/2017
CA	CUPA CALVERAS	CUPA Facility Listing	Calveras County Environmental Health	08/05/2019	08/07/2019	10/09/2019
CA	CUPA COLUSA	CUPA Facility List	Health & Human Services	08/14/2019	08/20/2019	10/18/2019
CA	SL CONTRA COSTA	Site List	Contra Costa Health Services Department	08/20/2019	08/23/2019	10/22/2019
CA	CUPA DEL NORTE	CUPA Facility List	Del Norte County Environmental Health Divisio	10/11/2019	10/29/2019	12/11/2019
CA	CUPA EL DORADO	CUPA Facility List	El Dorado County Environmental Management Dep	09/06/2019	09/12/2019	10/31/2019
CA	CUPA FRESNO	CUPA Resources List	Dept. of Community Health	10/08/2019	10/10/2019	12/11/2019
CA	CUPA GLENN	CUPA Facility List	Glenn County Air Pollution Control District	01/22/2018	01/24/2018	03/14/2018
CA	CUPA HUMBOLDT	CUPA Facility List	Humboldt County Environmental Health	07/08/2019	07/10/2019	09/20/2019
CA	CUPA IMPERIAL	CUPA Facility List	San Diego Border Field Office	07/19/2019	07/23/2019	09/26/2019
CA	CUPA INYO	CUPA Facility List	Inyo County Environmental Health Services	04/02/2018	04/03/2018	06/14/2018
CA	UST KERN	Underground Storage Tank Sites & Tank Listing	Kern County Environment Health Services Depar	08/01/2019	08/06/2019	10/08/2019
CA	CUPA KINGS	CUPA Facility List	Kings County Department of Public Health	08/14/2019	08/20/2019	10/18/2019
CA	CUPA LAKE	CUPA Facility List	Lake County Environmental Health	08/16/2019	08/20/2019	10/18/2019
CA	CUPA LASSEN	CUPA Facility List	Lassen County Environmental Health	07/22/2019	07/23/2019	09/26/2019
CA	AOCONCERN	Key Areas of Concerns in Los Angeles County		03/30/2009	03/31/2009	10/23/2009
CA	HMS LOS ANGELES	HMS: Street Number List	Department of Public Works	09/26/2019	10/04/2019	11/07/2019
CA	LF LOS ANGELES	List of Solid Waste Facilities	La County Department of Public Works	10/15/2019	10/16/2019	12/12/2019
CA	LF LOS ANGELES CITY	City of Los Angeles Landfills	Engineering & Construction Division	01/01/2019	01/15/2019	03/07/2019
CA	LOS ANGELES AST	Active & Inactive AST Inventory	Los Angeles Fire Department	06/01/2019	06/25/2019	08/22/2019
CA	LOS ANGELES CO LF METHANE	Methane Producing Landfills	Los Angeles County Department of Public Works	04/30/2012	04/17/2019	05/29/2019
CA	LOS ANGELES HM	Active & Inactive Hazardous Materials Inventory	Los Angeles Fire Department	06/01/2019	06/25/2019	08/22/2019
CA	LOS ANGELES UST	Active & Inactive UST Inventory	Los Angeles Fire Department	06/01/2019	06/25/2019	08/22/2019
CA	SITE MIT LOS ANGELES	Site Mitigation List	Community Health Services	07/15/2019	07/17/2019	08/05/2019
CA	UST EL SEGUNDO	City of El Segundo Underground Storage Tank	City of El Segundo Fire Department	01/21/2017	04/19/2017	05/10/2017
CA	UST LONG BEACH	City of Long Beach Underground Storage Tank	City of Long Beach Fire Department	04/22/2019	04/23/2019	06/27/2019
CA	UST TORRANCE	City of Torrance Underground Storage Tank	City of Torrance Fire Department	06/27/2019	07/30/2019	10/02/2019
CA	CUPA MADERA	CUPA Facility List	Madera County Environmental Health	08/22/2019	08/26/2019	10/29/2019
CA	UST MARIN	Underground Storage Tank Sites	Public Works Department Waste Management	09/26/2018	10/04/2018	11/02/2018
CA	CUPA MERCED	CUPA Facility List	Merced County Environmental Health	05/29/2019	05/30/2019	07/22/2019
CA	CUPA MONO	CUPA Facility List	Mono County Health Department	08/21/2019	09/03/2019	10/31/2019
CA	CUPA MONTEREY	CUPA Facility Listing	Monterey County Health Department	07/25/2019	07/30/2019	09/30/2019
CA	LUST NAPA	Sites With Reported Contamination	Napa County Department of Environmental Manag	01/09/2017	01/11/2017	03/02/2017
CA	UST NAPA	Closed and Operating Underground Storage Tank Sites	Napa County Department of Environmental Manag	09/05/2019	09/09/2019	10/31/2019
CA	CUPA NEVADA	CUPA Facility List	Community Development Agency	10/30/2019	10/30/2019	12/11/2019
CA	IND_SITE ORANGE	List of Industrial Site Cleanups	Health Care Agency	07/10/2019	08/07/2019	10/09/2019
CA	LUST ORANGE	List of Underground Storage Tank Cleanups	Health Care Agency	07/10/2019	08/09/2019	10/09/2019
CA	UST ORANGE	List of Underground Storage Tank Facilities	Health Care Agency	07/10/2019	08/06/2019	10/09/2019
CA	MS PLACER	Master List of Facilities	Placer County Health and Human Services	09/03/2019	09/05/2019	11/05/2019
CA	CUPA PLUMAS	CUPA Facility List	Plumas County Environmental Health	03/31/2019	04/23/2019	06/26/2019
CA	LUST RIVERSIDE	Listing of Underground Tank Cleanup Sites	Department of Environmental Health	10/17/2019	10/22/2019	12/13/2019
CA	UST RIVERSIDE	Underground Storage Tank Tank List	Department of Environmental Health	07/10/2019	07/11/2019	09/23/2019

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St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	CS SACRAMENTO	Toxic Site Clean-Up List	Sacramento County Environmental Management	08/06/2019	10/01/2019	11/07/2019
CA	ML SACRAMENTO	Master Hazardous Materials Facility List	Sacramento County Environmental Management	08/07/2019	10/01/2019	11/08/2019
CA	CUPA SAN BENITO	CUPA Facility List	San Benito County Environmental Health	07/16/2019	07/16/2019	09/24/2019
CA	PERMITS SAN BERNARDINO	Hazardous Material Permits	San Bernardino County Fire Department Hazardo	08/29/2019	08/30/2019	10/29/2019
CA	HMMD SAN DIEGO	Hazardous Materials Management Division Database	Hazardous Materials Management Division	09/03/2019	09/04/2019	11/05/2019
CA	LF SAN DIEGO	Solid Waste Facilities	Department of Health Services	04/18/2018	04/24/2018	06/19/2018
CA	SAN DIEGO CO LOP	Local Oversight Program Listing	Department of Environmental Health	10/16/2019	10/22/2019	12/13/2019
CA	SAN DIEGO CO SAM	Environmental Case Listing	San Diego County Department of Environmental	03/23/2010	06/15/2010	07/09/2010
CA	LUST SAN FRANCISCO	Local Oversite Facilities	Department Of Public Health San Francisco Cou	09/19/2008	09/19/2008	09/29/2008
CA	UST SAN FRANCISCO	Underground Storage Tank Information	Department of Public Health	08/01/2019	08/02/2019	10/08/2019
CA	UST SAN JOAQUIN	San Joaquin Co. UST	Environmental Health Department	06/22/2018	06/26/2018	07/11/2018
CA	CUPA SAN LUIS OBISPO	CUPA Facility List	San Luis Obispo County Public Health Departme	08/14/2019	08/20/2019	10/18/2019
CA	BI SAN MATEO	Business Inventory	San Mateo County Environmental Health Service	09/03/2019	09/09/2019	11/05/2019
CA	LUST SAN MATEO	Fuel Leak List	San Mateo County Environmental Health Service	03/29/2019	03/29/2019	05/29/2019
CA	CUPA SANTA BARBARA	CUPA Facility Listing	Santa Barbara County Public Health Department	09/08/2011	09/09/2011	10/07/2011
CA	CUPA SANTA CLARA	Cupa Facility List	Department of Environmental Health	08/14/2019	08/20/2019	10/18/2019
CA	HIST LUST SANTA CLARA	HIST LUST - Fuel Leak Site Activity Report	Santa Clara Valley Water District	03/29/2005	03/30/2005	04/21/2005
CA	LUST SANTA CLARA	LOP Listing	Department of Environmental Health	03/03/2014	03/05/2014	03/18/2014
CA	SAN JOSE HAZMAT	Hazardous Material Facilities	City of San Jose Fire Department	07/30/2019	08/02/2019	10/08/2019
CA	CUPA SANTA CRUZ	CUPA Facility List	Santa Cruz County Environmental Health	01/21/2017	02/22/2017	05/23/2017
CA	CUPA SHASTA	CUPA Facility List	Shasta County Department of Resource Manageme	06/15/2017	06/19/2017	08/09/2017
CA	LUST SOLANO	Leaking Underground Storage Tanks	Solano County Department of Environmental Man	06/04/2019	06/06/2019	08/13/2019
CA	UST SOLANO	Underground Storage Tanks	Solano County Department of Environmental Man	08/28/2019	08/30/2019	10/29/2019
CA	CUPA SONOMA	Cupa Facility List	County of Sonoma Fire & Emergency Services De	06/18/2019	06/25/2019	07/24/2019
CA	LUST SONOMA	Leaking Underground Storage Tank Sites	Department of Health Services	10/01/2019	10/02/2019	11/07/2019
CA	CUPA STANISLAUS	CUPA Facility List	Stanislaus County Department of Ennvironmenta	07/18/2019	07/18/2019	09/26/2019
CA	UST SUTTER	Underground Storage Tanks	Sutter County Environmental Health Services	08/29/2019	09/03/2019	11/06/2019
CA	CUPA TEHAMA	CUPA Facility List	Tehama County Department of Environmental Hea	05/20/2019	05/21/2019	07/18/2019
CA	CUPA TRINITY	CUPA Facility List	Department of Toxic Substances Control	07/19/2019	07/23/2019	09/26/2019
CA	CUPA TULARE	CUPA Facility List	Tulare County Environmental Health Services D	08/12/2019	08/14/2019	10/17/2019
CA	CUPA TUOLUMNE	CUPA Facility List	Divison of Environmental Health	04/23/2018	04/25/2018	06/25/2018
CA	BWT VENTURA	Business Plan, Hazardous Waste Producers, and Operating Unde	Ventura County Environmental Health Division	05/29/2019	07/29/2019	09/30/2019
CA	LF VENTURA	Inventory of Illegal Abandoned and Inactive Sites	Environmental Health Division	12/01/2011	12/01/2011	01/19/2012
CA	LUST VENTURA	Listing of Underground Tank Cleanup Sites	Environmental Health Division	05/29/2008	06/24/2008	07/31/2008
CA	MED WASTE VENTURA	Medical Waste Program List	Ventura County Resource Management Agency	09/26/2019	10/23/2019	12/13/2019
CA	UST VENTURA	Underground Tank Closed Sites List	Environmental Health Division	07/26/2019	09/09/2019	10/31/2019
CA	UST YOLO	Underground Storage Tank Comprehensive Facility Report	Yolo County Department of Health	09/25/2019	10/01/2019	10/31/2019
CA	CUPA YUBA	CUPA Facility List	Yuba County Environmental Health Department	07/26/2019	07/31/2019	10/08/2019

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date

STREET AND ADDRESS INFORMATION

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petralogix

geophysics - environmental - geology

APPENDIX E

Elk Grove Center

10051 Big Horn Blvd

Elk Grove, CA 95757

Inquiry Number: 5912702.11

December 20, 2019

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

12/20/19

Site Name:

Elk Grove Center
10051 Big Horn Blvd
Elk Grove, CA 95757
EDR Inquiry # 5912702.11

Client Name:

Petralogix
26675 Bruella Rd
Galt, CA 95632
Contact: Tonya Scheftner

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

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1998	1"=500'	Acquisition Date: August 18, 1998	USGS/DOQQ
1993	1"=500'	Flight Date: May 23, 1993	USDA
1984	1"=500'	Flight Date: June 08, 1984	USDA
1972	1"=500'	Flight Date: June 28, 1972	USDA
1966	1"=500'	Flight Date: August 05, 1966	USGS
1964	1"=500'	Flight Date: May 19, 1964	USDA
1957	1"=500'	Flight Date: September 09, 1957	USDA
1947	1"=500'	Flight Date: July 28, 1947	USGS
1937	1"=500'	Flight Date: August 17, 1937	USDA

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INQUIRY #: 5912702.11

YEAR: 2016

= 500'

N

EDR

INQUIRY #: 5912702.11

YEAR: 2012

= 500'

N

EDR

INQUIRY #: 5912702.11

YEAR: 2009

= 500'

N

EDR

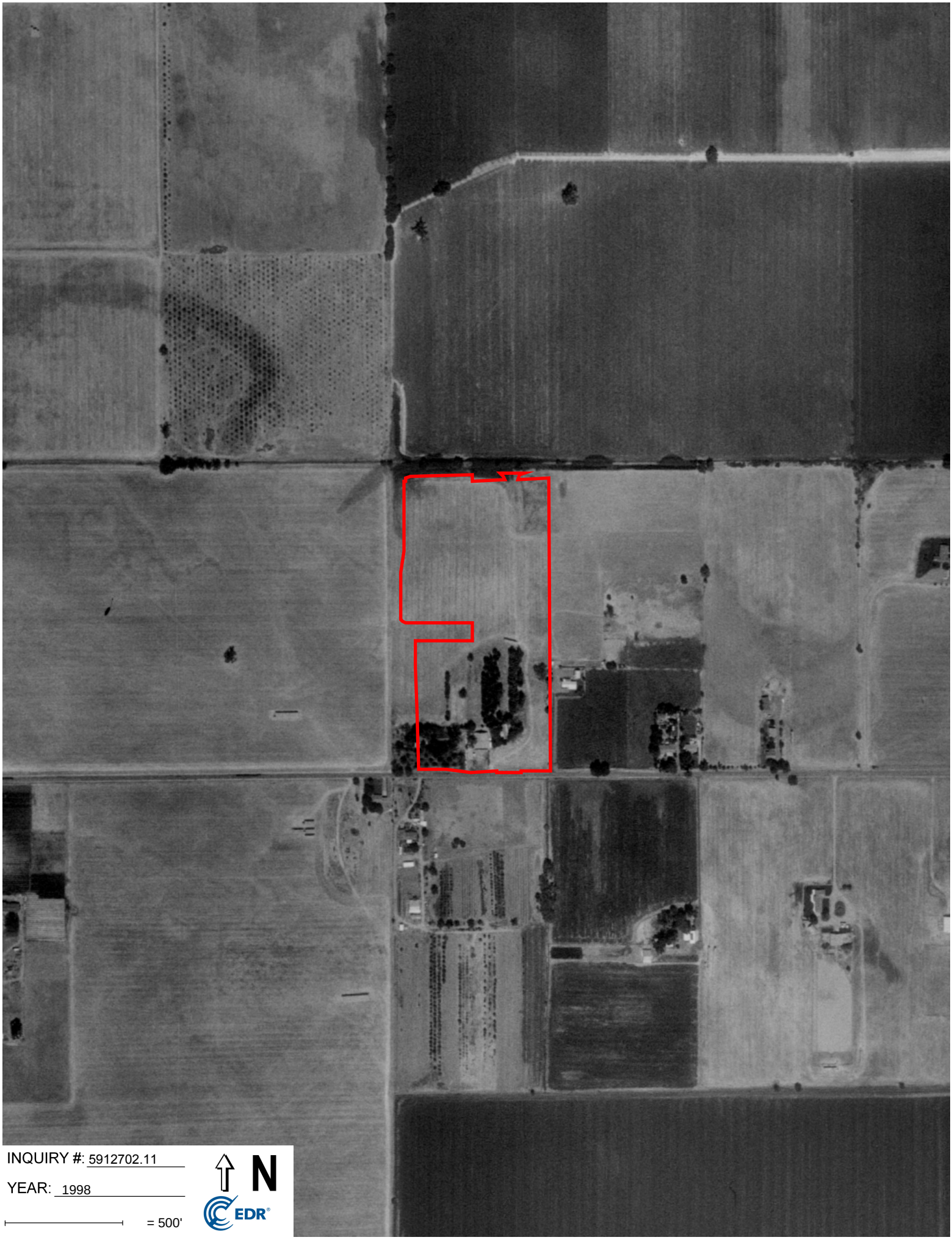
INQUIRY #: 5912702.11

YEAR: 2006

= 500'

N

EDR



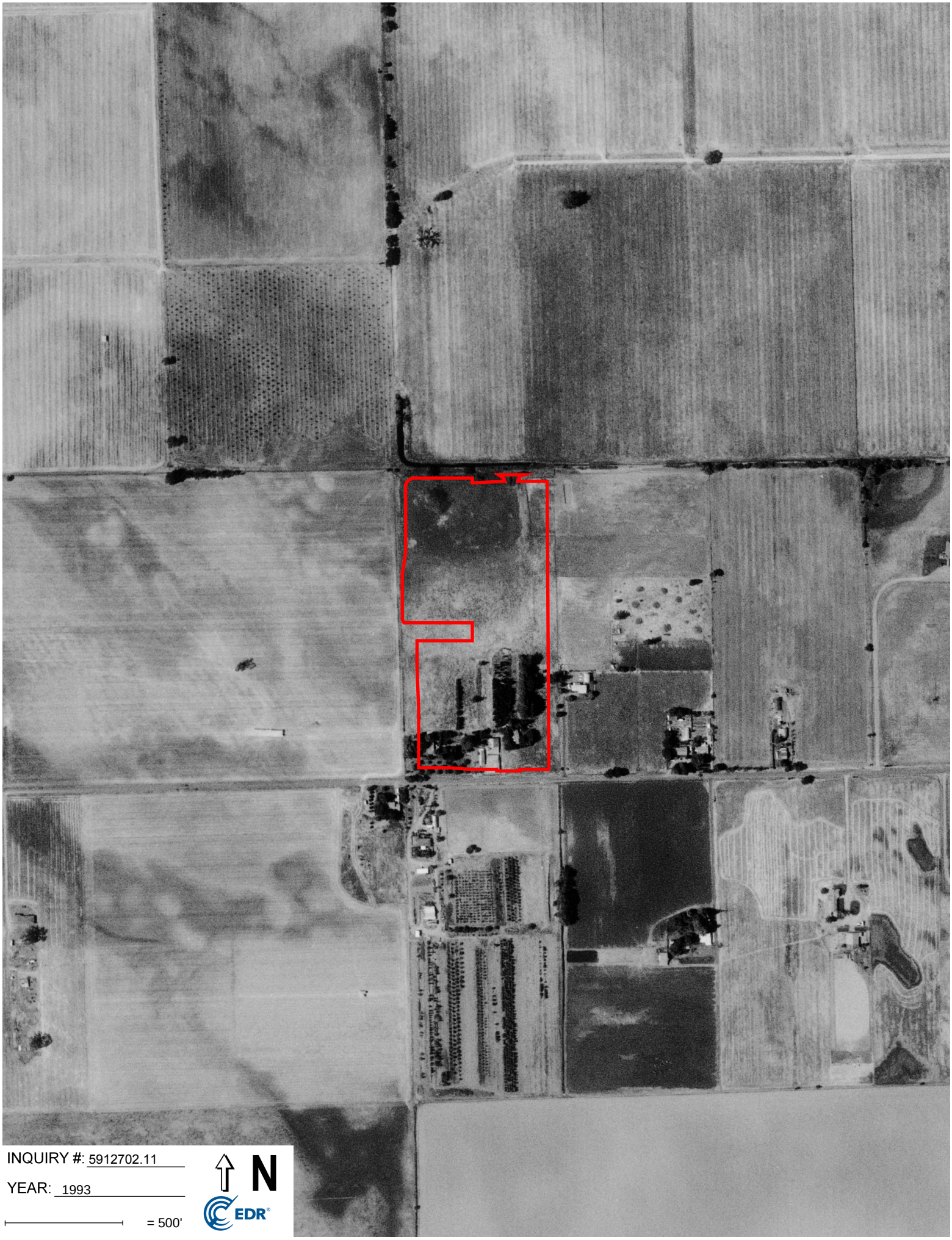
INQUIRY #: 5912702.11

YEAR: 1998

= 500'

N

EDR



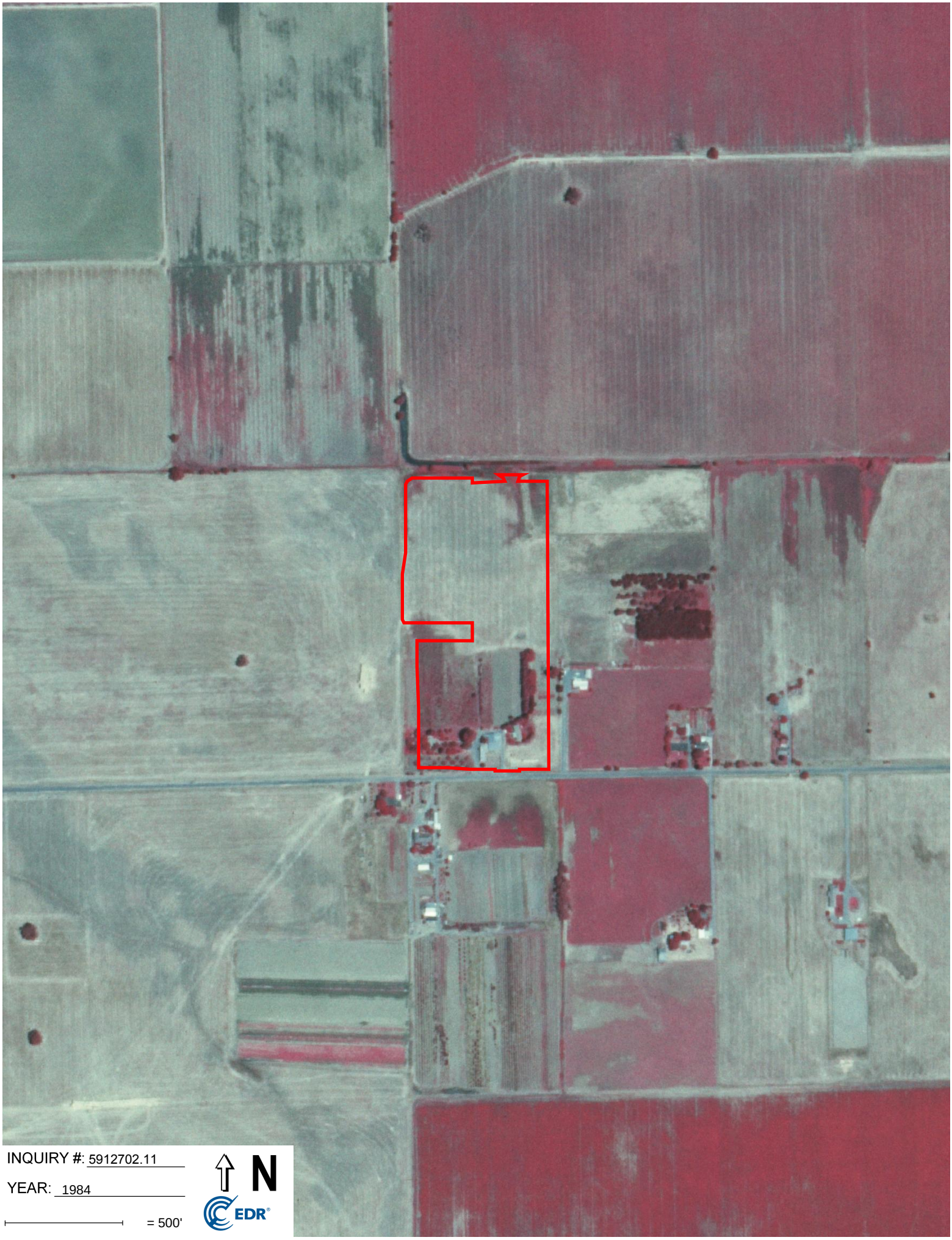
INQUIRY #: 5912702.11

YEAR: 1993

= 500'

N

EDR


INQUIRY #: 5912702.11
YEAR: 1984
= 500'
N
EDR

INQUIRY #: 5912702.11

YEAR: 1972

= 500'

N

EDR

INQUIRY #: 5912702.11

YEAR: 1966

= 500'

N

EDR

INQUIRY #: 5912702.11

YEAR: 1964

= 500'

N

EDR

INQUIRY #: 5912702.11

YEAR: 1957

= 500'

N

EDR

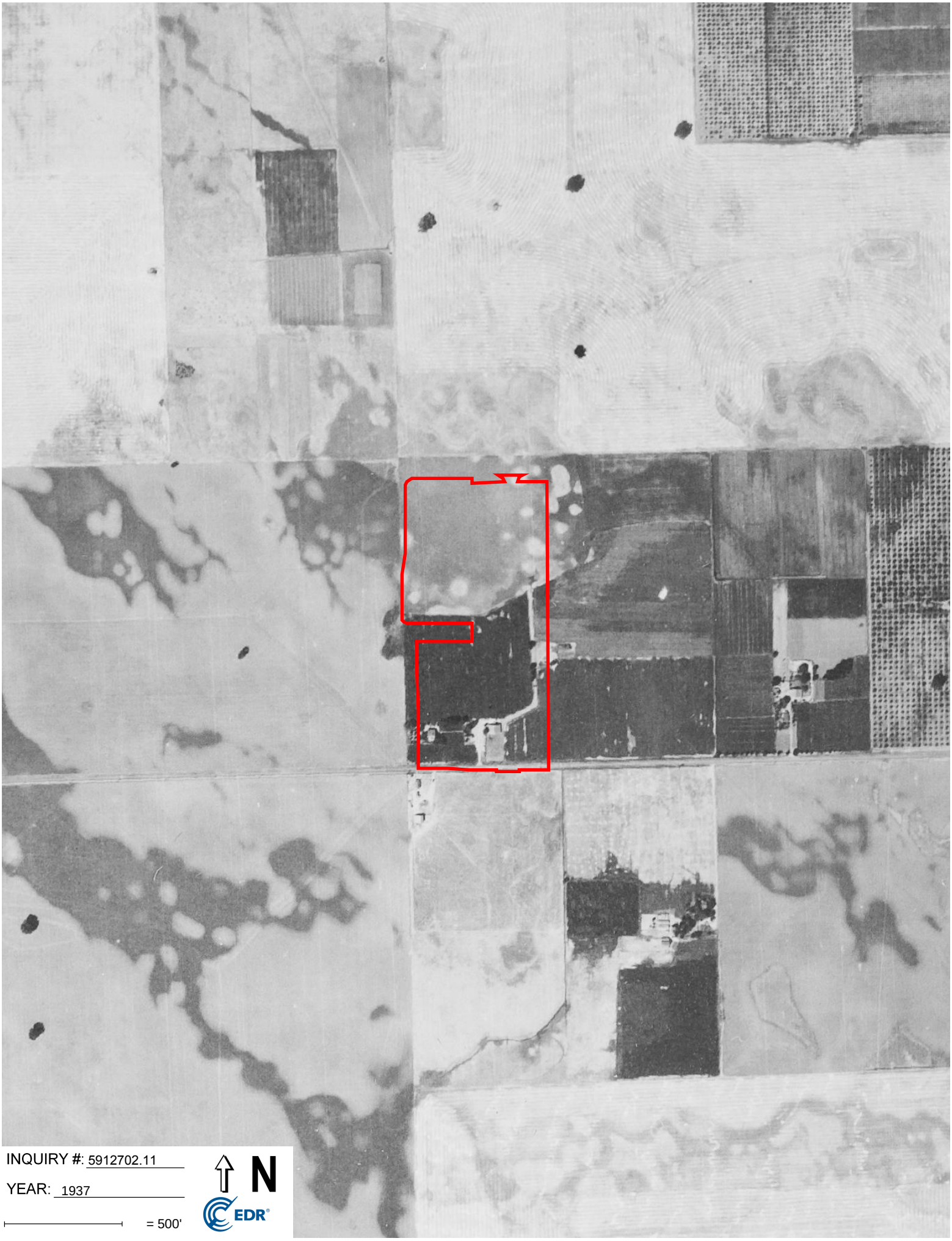
INQUIRY #: 5912702.11

YEAR: 1947

= 500'

N

EDR



INQUIRY #: 5912702.11

YEAR: 1937

= 500'

N

EDR

Elk Grove Center
10051 Big Horn Blvd
Elk Grove, CA 95757

Inquiry Number: 5912702.4
December 20, 2019

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

12/20/19

Site Name:	Client Name:
Elk Grove Center	Petralogix
10051 Big Horn Blvd	26675 Bruella Rd
Elk Grove, CA 95757	Galt, CA 95632
EDR Inquiry # 5912702.4	Contact: Tonya Scheftner

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Petralogix were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA

Project: Elk Grove Center

Coordinates:

Latitude:	38.393416 38° 23' 36" North
Longitude:	-121.398518 -121° 23' 55" West
UTM Zone:	Zone 10 North
UTM X Meters:	639855.57
UTM Y Meters:	4250680.88
Elevation:	37.00' above sea level

Maps Provided:

2012	1894
1980	
1975	
1968	
1952, 1953	
1947	
1941	
1909, 1910	

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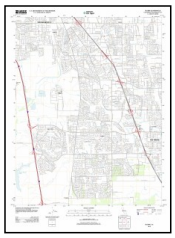
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Florin
2012
7.5-minute, 24000

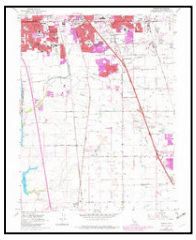
Elk Grove
2012
7.5-minute, 24000

Galt
2012
7.5-minute, 24000

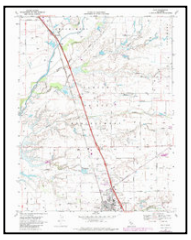
Bruceville
2012
7.5-minute, 24000

1980 Source Sheets

Bruceville
1980
7.5-minute, 24000
Aerial Photo Revised 1978



Florin
1980
7.5-minute, 24000
Aerial Photo Revised 1978



Galt
1980
7.5-minute, 24000
Aerial Photo Revised 1978

1975 Source Sheets

Galt
1975
7.5-minute, 24000
Aerial Photo Revised 1975

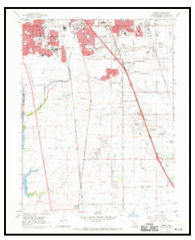
Bruceville
1975
7.5-minute, 24000
Aerial Photo Revised 1975

Florin
1975
7.5-minute, 24000
Aerial Photo Revised 1975

Elk Grove
1975
7.5-minute, 24000
Aerial Photo Revised 1975

1968 Source Sheets

Elk Grove
1968
7.5-minute, 24000
Aerial Photo Revised 1966



Florin
1968
7.5-minute, 24000
Aerial Photo Revised 1966

Galt
1968
7.5-minute, 24000
Aerial Photo Revised 1967

Bruceville
1968
7.5-minute, 24000
Aerial Photo Revised 1967

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1952, 1953 Source Sheets

Elk Grove
1952
7.5-minute, 24000
Aerial Photo Revised 1949

Galt
1953
7.5-minute, 24000

Florin
1953
7.5-minute, 24000
Aerial Photo Revised 1949

Bruceville
1953
7.5-minute, 24000
Aerial Photo Revised 1949

1947 Source Sheets

GALT
1947
15-minute, 50000

1941 Source Sheets

Franklin
1941
15-minute, 62500
Aerial Photo Revised 1939

1909, 1910 Source Sheets

Florin
1909
7.5-minute, 31680

Elk Grove
1909
7.5-minute, 31680

Galt
1910
7.5-minute, 31680

Bruceville
1910
7.5-minute, 31680

Topo Sheet Key

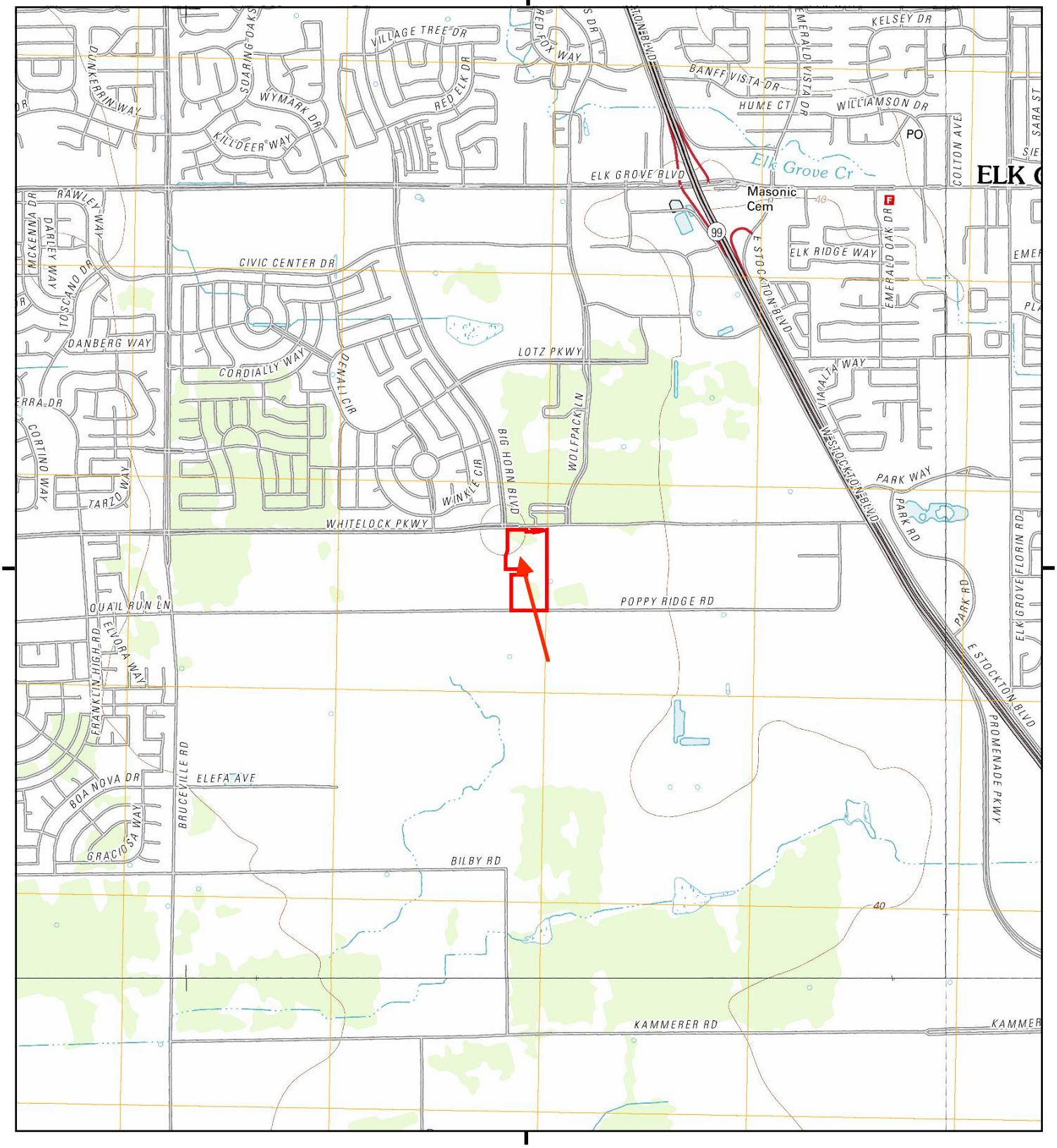
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1894 Source Sheets

Lodi
1894
30-minute, 125000

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

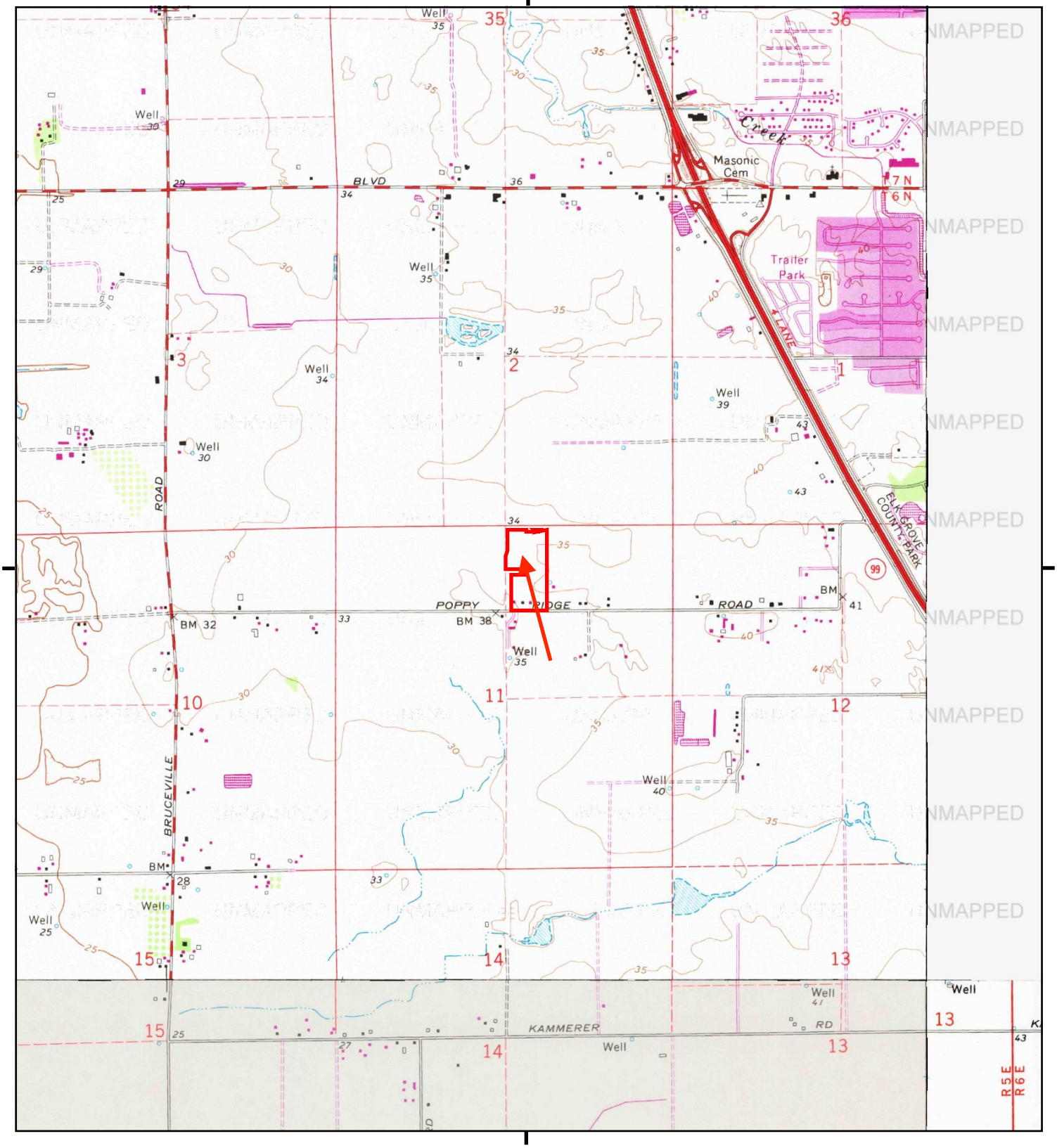
TP, Florin, 2012, 7.5-minute
NE, Elk Grove, 2012, 7.5-minute
SE, Galt, 2012, 7.5-minute
S, Bruceville, 2012, 7.5-minute

SITE NAME: Elk Grove Center
ADDRESS: 10051 Big Horn Blvd
Elk Grove, CA 95757
CLIENT: Petralogix

N

Historical Topo Map

1980



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W E
SW S SE

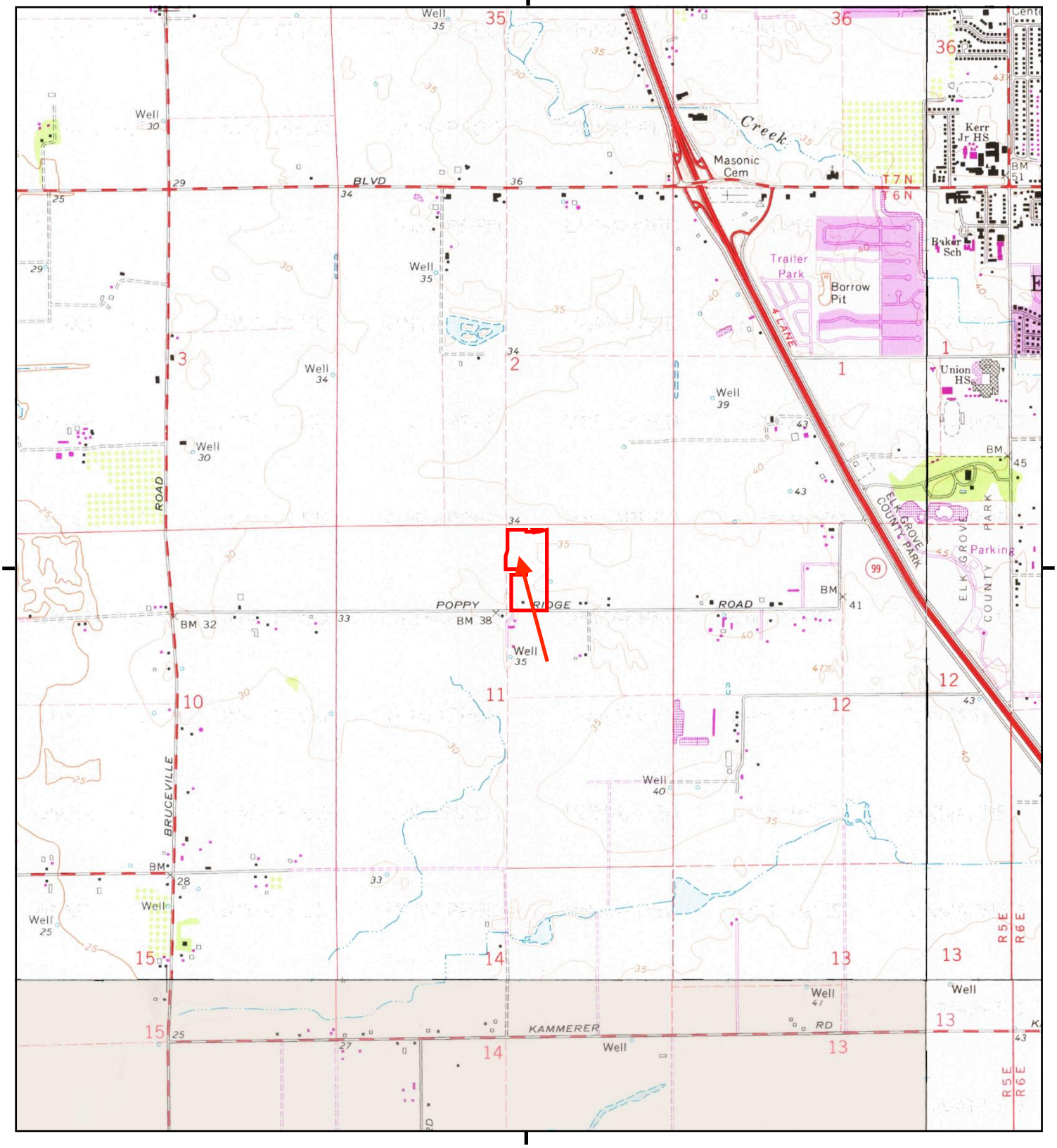
TP, Florin, 1980, 7.5-minute
SE, Galt, 1980, 7.5-minute
S, Bruceville, 1980, 7.5-minute

SITE NAME: Elk Grove Center
ADDRESS: 10051 Big Horn Blvd
Elk Grove, CA 95757
CLIENT: Petralogix

N

Historical Topo Map

1975



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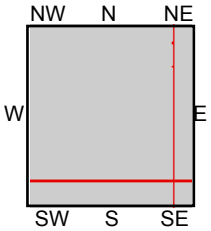

TP, Florin, 1975, 7.5-minute
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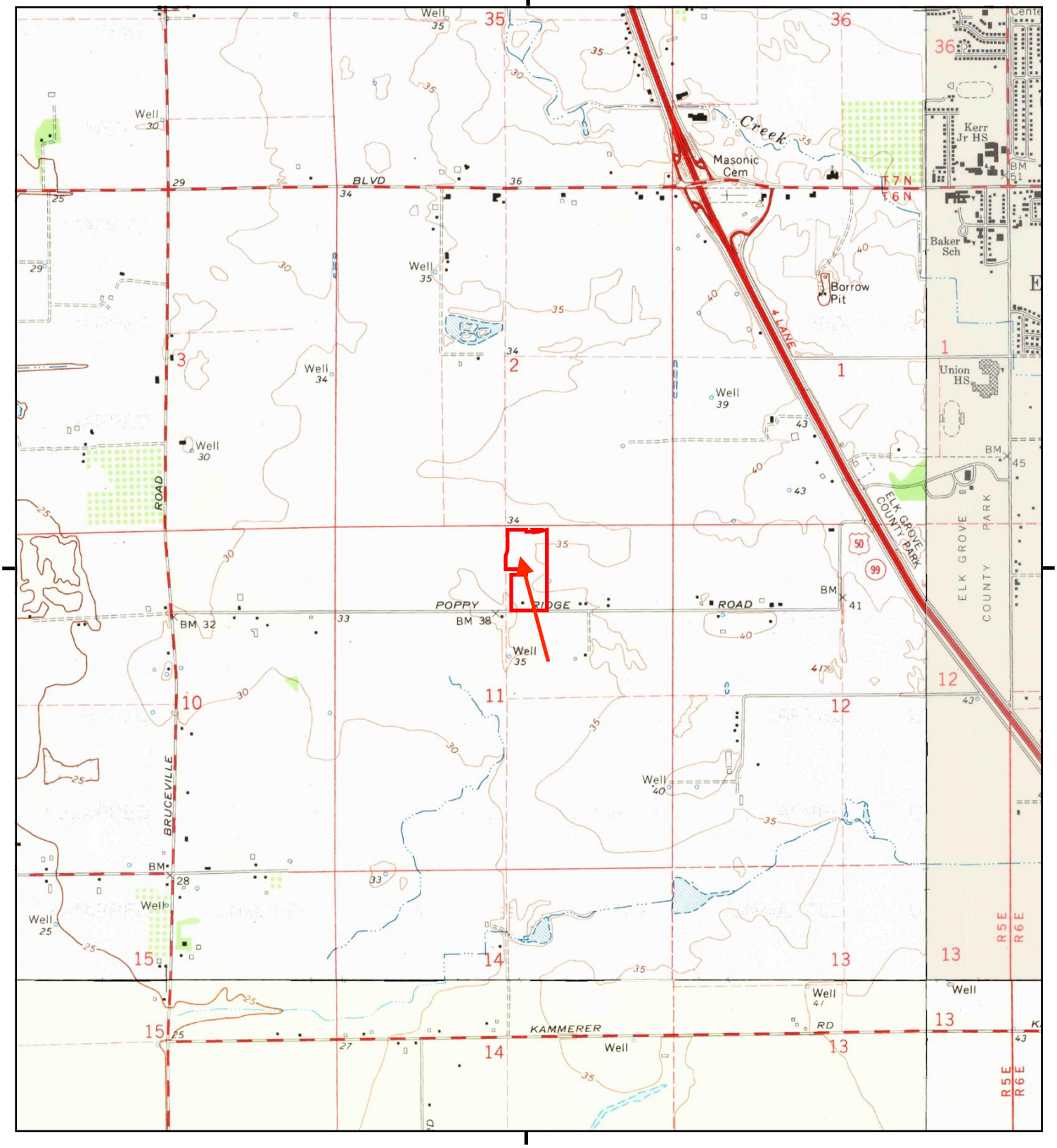
SE, Galt, 1975, 7.5-minute
S, Bruceville, 1975, 7.5-minute

SITE NAME: Elk Grove Center
ADDRESS: 10051 Big Horn Blvd
Elk Grove, CA 95757
CLIENT: Petralogix

N



This report includes information from the following map sheet(s).

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W E
SW S SE

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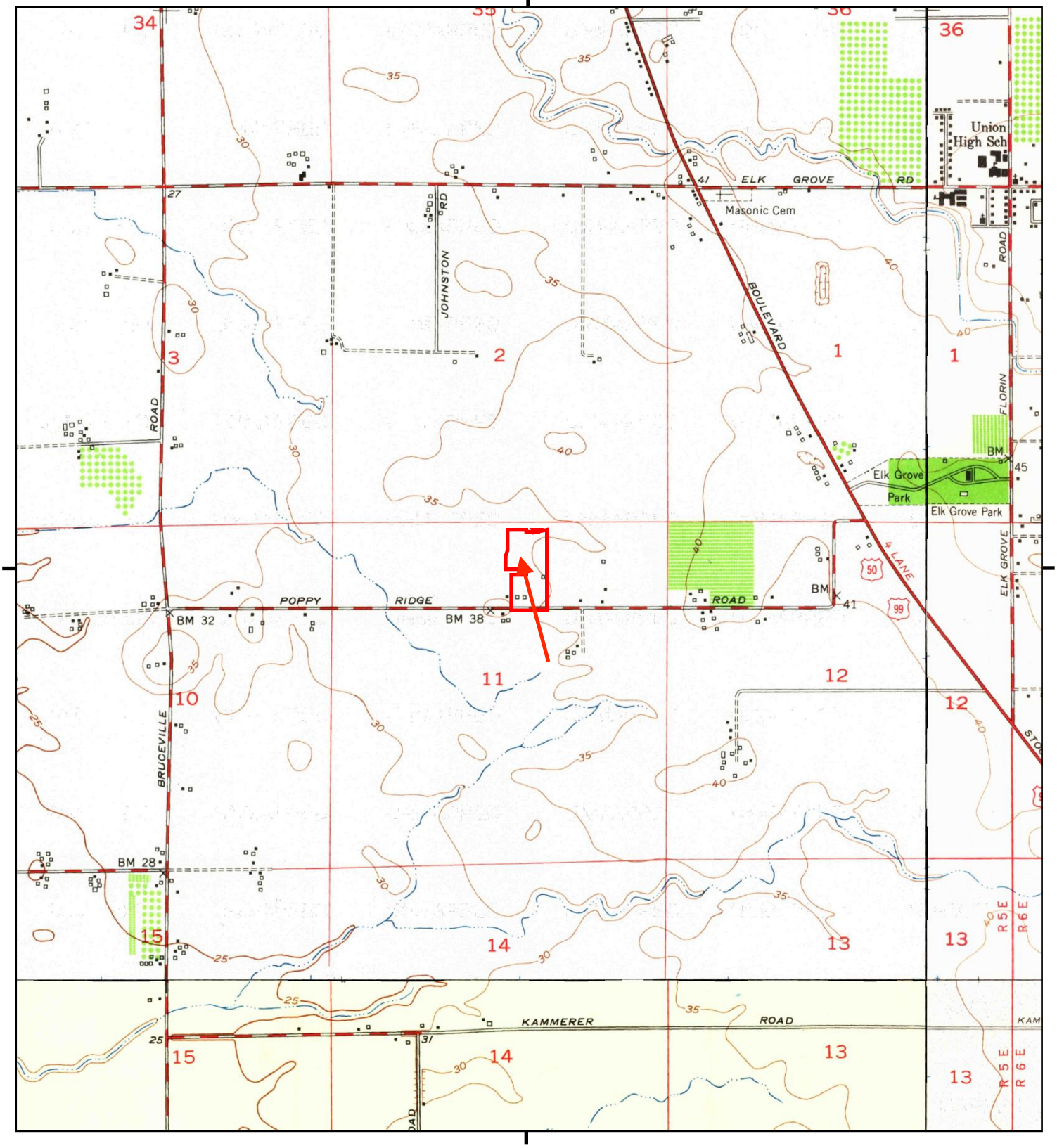
NE, Elk Grove, 1968, 7.5-minute
SE, Galt, 1968, 7.5-minute
S, Bruceville, 1968, 7.5-minute

SITE NAME: Elk Grove Center
ADDRESS: 10051 Big Horn Blvd
Elk Grove, CA 95757
CLIENT: Petralogix

N

Historical Topo Map

1952, 1953



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SW S SE

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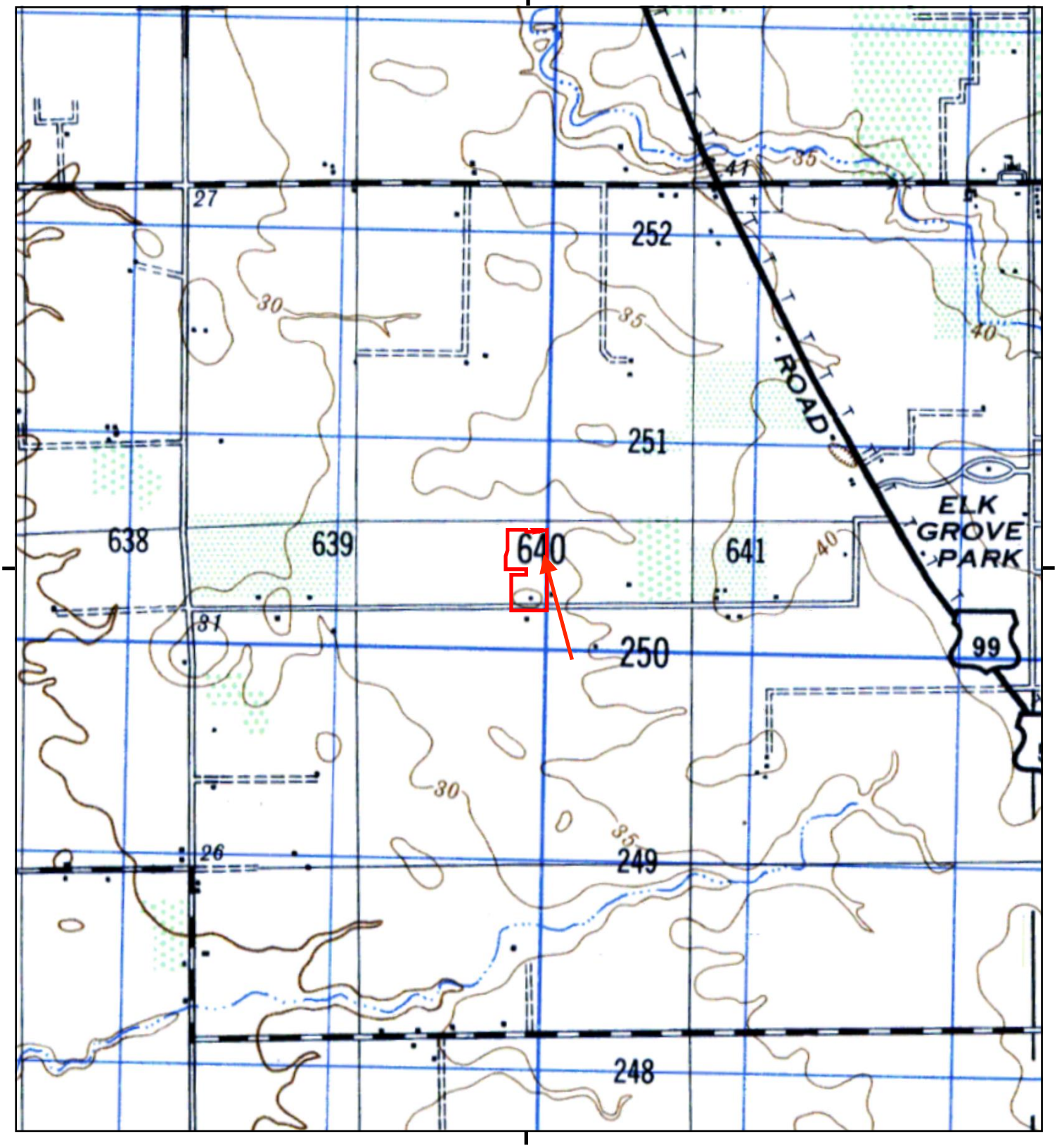
NE, Elk Grove, 1952, 7.5-minute
SE, Galt, 1953, 7.5-minute
S, Bruceville, 1953, 7.5-minute

SITE NAME: Elk Grove Center
ADDRESS: 10051 Big Horn Blvd
Elk Grove, CA 95757
CLIENT: Petralogix

N

Historical Topo Map

1947



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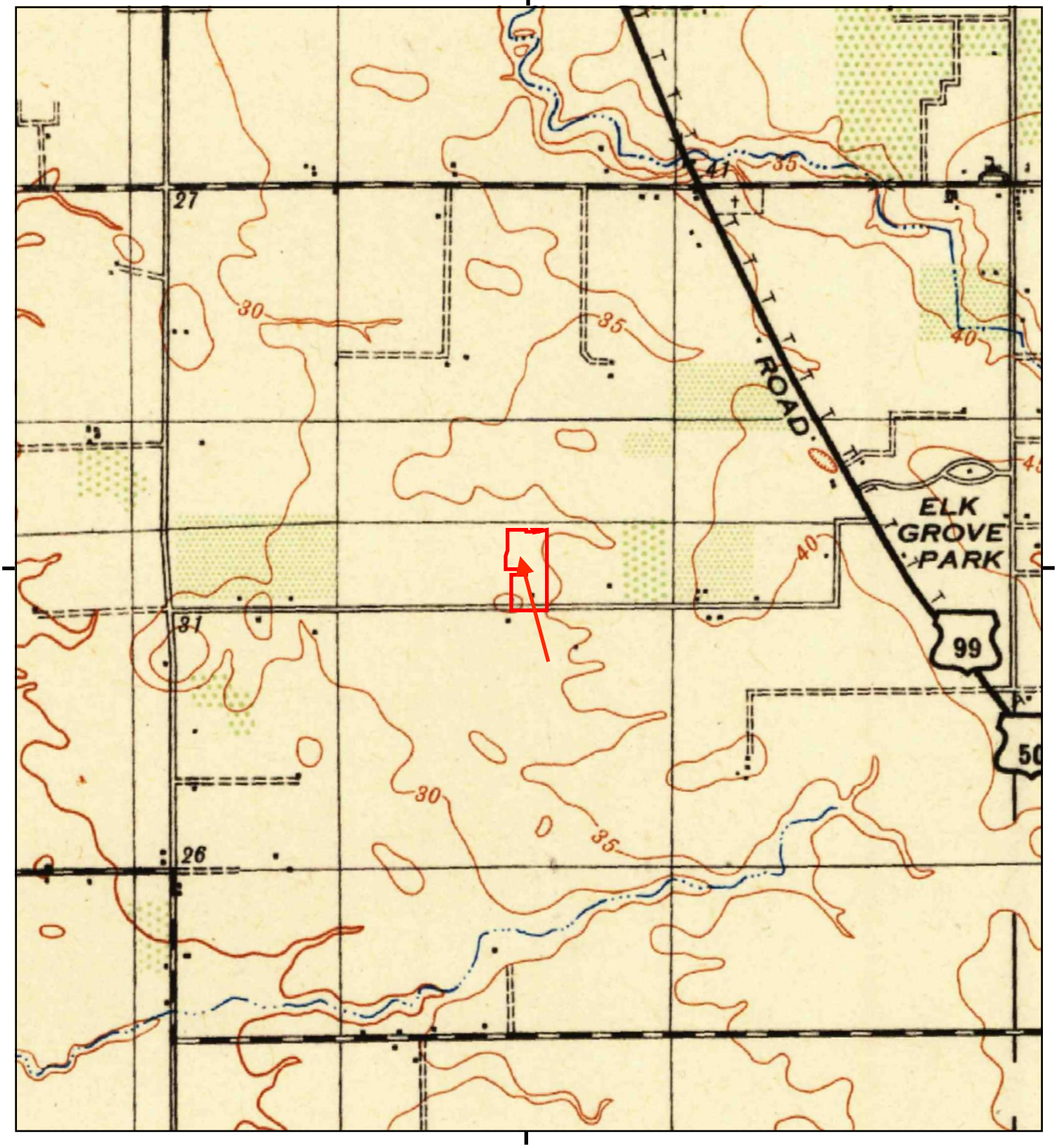
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, GALT, 1947, 15-minute

SITE NAME: Elk Grove Center
ADDRESS: 10051 Big Horn Blvd
Elk Grove, CA 95757
CLIENT: Petralogix

N



This report includes information from the following map sheet(s).

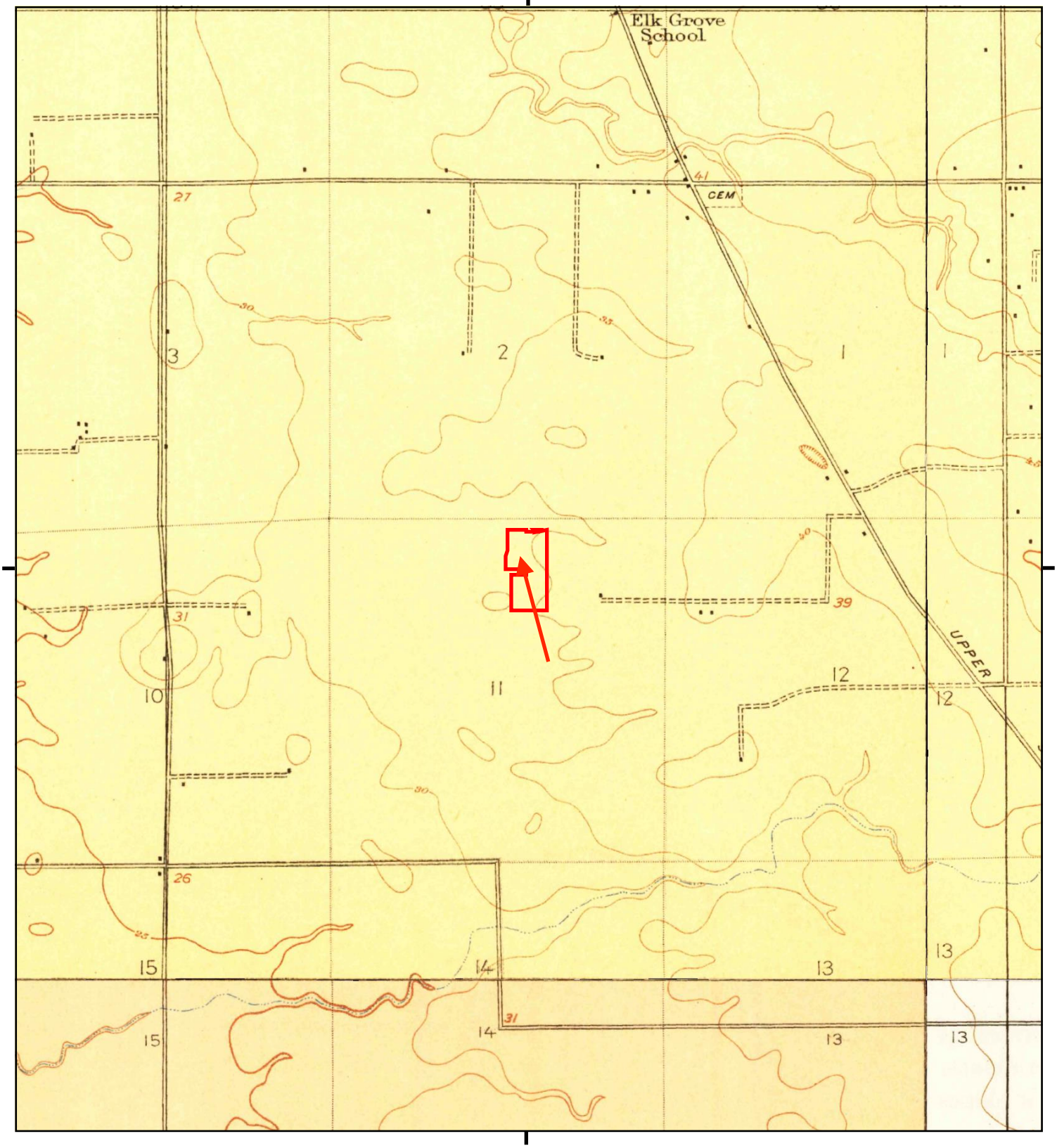
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Franklin, 1941, 15-minute

SITE NAME: Elk Grove Center
ADDRESS: 10051 Big Horn Blvd
Elk Grove, CA 95757
CLIENT: Petralogix

N



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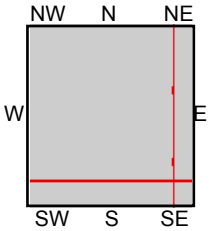

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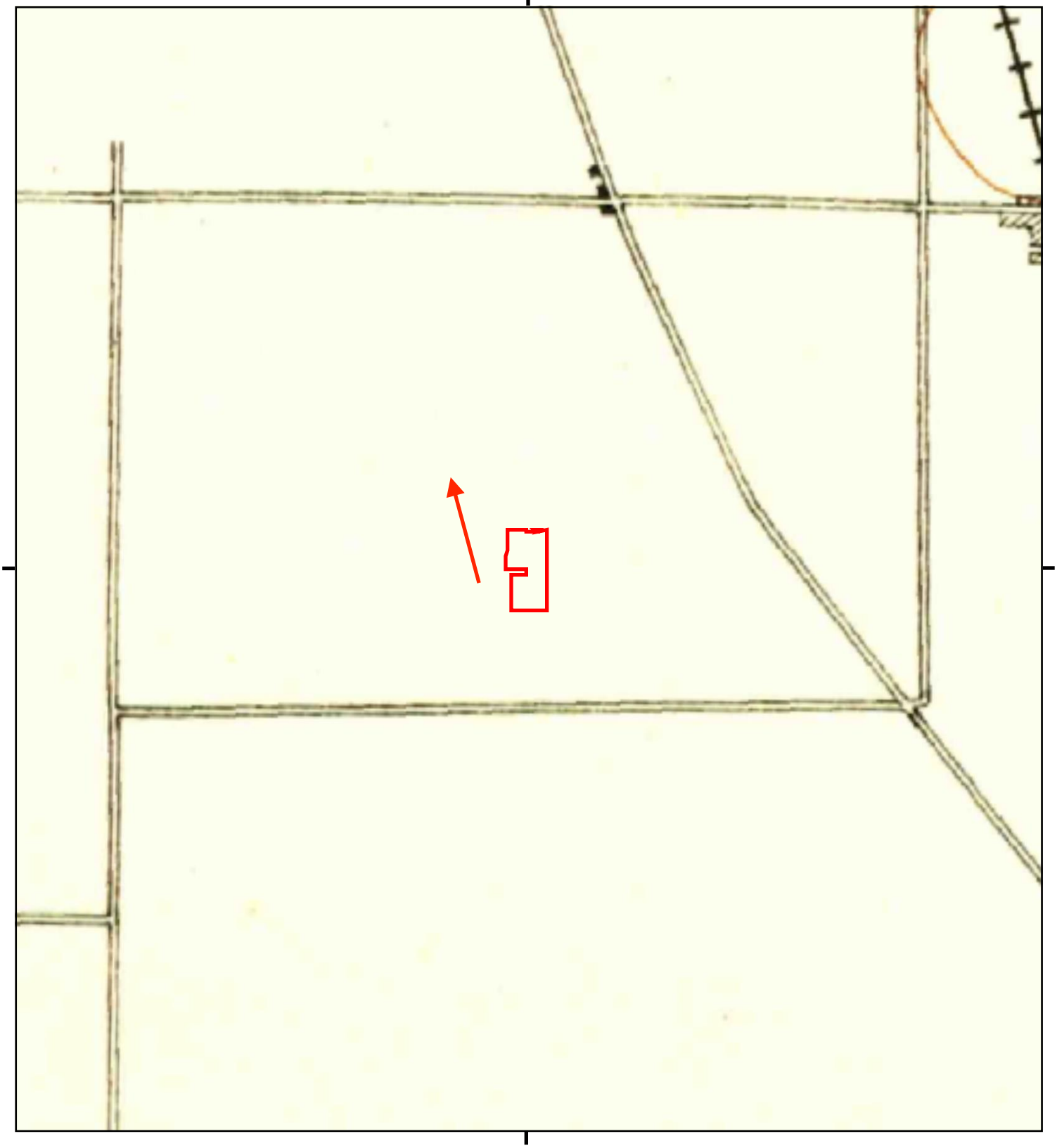
SE, Galt, 1910, 7.5-minute
S, Bruceville, 1910, 7.5-minute

SITE NAME: Elk Grove Center
ADDRESS: 10051 Big Horn Blvd
Elk Grove, CA 95757
CLIENT: Petralogix

N

Historical Topo Map

1894



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Lodi, 1894, 30-minute

SITE NAME: Elk Grove Center
ADDRESS: 10051 Big Horn Blvd
Elk Grove, CA 95757
CLIENT: Petralogix

N

Elk Grove Center
10051 Big Horn Blvd
Elk Grove, CA 95757

Inquiry Number: 5912702.8
December 20, 2019

EDR Building Permit Report

Target Property and Adjoining Properties

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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

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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquires (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.

EDR® Environmental Data Resources Inc

BUILDFAX® PROPERTY HISTORY

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of Petralogix on Dec 20, 2019.

TARGET PROPERTY

10051 Big Horn Blvd
Elk Grove, CA 95757

SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

RESEARCH SUMMARY

Building permits identified: **NO PERMITS IDENTIFIED**

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.

Name: JurisdictionName
Years: Years
Source: Source
Phone: Phone

BUILDING DEPARTMENT RECORDS SEARCHED

Name: Elk Grove
Years: 1999-2019
Source: City of Elk Grove, Building Division, ELK GROVE, CA
Phone: (916) 478-2235

Name: Sacramento
Years: 1902-2019
Source: City of Sacramento, Community Development, Sacramento, CA
Phone: (916) 264-5011

Name: Sacramento County
Years: 1980-2019
Source: Sacramento County, Planning and Community Development Department, SACRAMENTO, CA
Phone: (916) 874-6141

TARGET PROPERTY FINDINGS

TARGET PROPERTY DETAIL

10051 Big Horn Blvd
Elk Grove, CA 95757

No Permits Found

ADJOINING PROPERTY FINDINGS

ADJOINING PROPERTY DETAIL

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

No Permits Found

GLOSSARY

General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeymen:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other commons reason for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

GLOSSARY

Permit Content Definitions

- Permit Number: The alphanumerical designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- Description: A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use(s) of the property.
- Permit Type: Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

Sample Building Permit Data

Date: Nov 09, 2000
Permit Type: Bldg -
New Permit Number: 101000000405
Status: Valuation: $1,000,000.00
Contractor Company: OWNER-BUILDER
Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.

Elk Grove Center
10051 Big Horn Blvd
Elk Grove, CA 95757

Inquiry Number: 5912702.5
December 20, 2019

The EDR-City Directory Image Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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City Directory Images

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EXECUTIVE SUMMARY

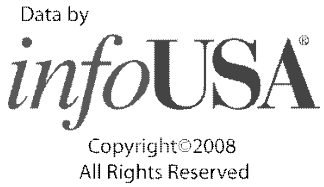
DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.



RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2014	☐	☑	EDR Digital Archive
2010	☐	☑	EDR Digital Archive
2005	☑	☐	Haines Criss-Cross Directory
1999	☑	☐	Haines Criss-Cross Directory
1994	☑	☐	Haines Criss-Cross Directory
1989	☐	☐	Haines Criss-Cross Directory
1985	☐	☐	Haines Criss-Cross Directory
1980	☐	☐	Haines Criss-Cross Directory
1974	☐	☐	Haines Criss-Cross Directory
1970	☐	☐	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

10051 Big Horn Blvd
Elk Grove, CA 95757

Year	CD Image	Source	
BIG HORN BLVD			
2014	-	EDR Digital Archive	Target and Adjoining not listed in Source
2010	-	EDR Digital Archive	Target and Adjoining not listed in Source
2005	pg A3	Haines Criss-Cross Directory	
1999	pg A4	Haines Criss-Cross Directory	
1994	pg A5	Haines Criss-Cross Directory	
1989	-	Haines Criss-Cross Directory	Street not listed in Source
1985	-	Haines Criss-Cross Directory	Street not listed in Source
1980	-	Haines Criss-Cross Directory	Street not listed in Source
1974	-	Haines Criss-Cross Directory	Street not listed in Source
1970	-	Haines Criss-Cross Directory	Street not listed in Source

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*	
WHITELOCK PKWY			
2014	pg. A1	EDR Digital Archive	
2010	pg. A2	EDR Digital Archive	
WHITLOCK PKWY			
2005	-	Haines Criss-Cross Directory	Street not listed in Source
1999	-	Haines Criss-Cross Directory	Street not listed in Source
1994	-	Haines Criss-Cross Directory	Street not listed in Source
1989	-	Haines Criss-Cross Directory	Street not listed in Source
1985	-	Haines Criss-Cross Directory	Street not listed in Source
1980	-	Haines Criss-Cross Directory	Street not listed in Source
1974	-	Haines Criss-Cross Directory	Street not listed in Source
1970	-	Haines Criss-Cross Directory	Street not listed in Source

City Directory Images

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

WHITELOCK PKWY 2014

8365 ELK GROVE UNIFIED SCHOOL DST

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

WHITELOCK PKWY 2010

8365 ELK GROVE UNIFIED SCHOOL DST

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

BIG HORN BLVD 2005

BIG HORN BLVD 95758
ELK GROVE

WEALTH CODE 6

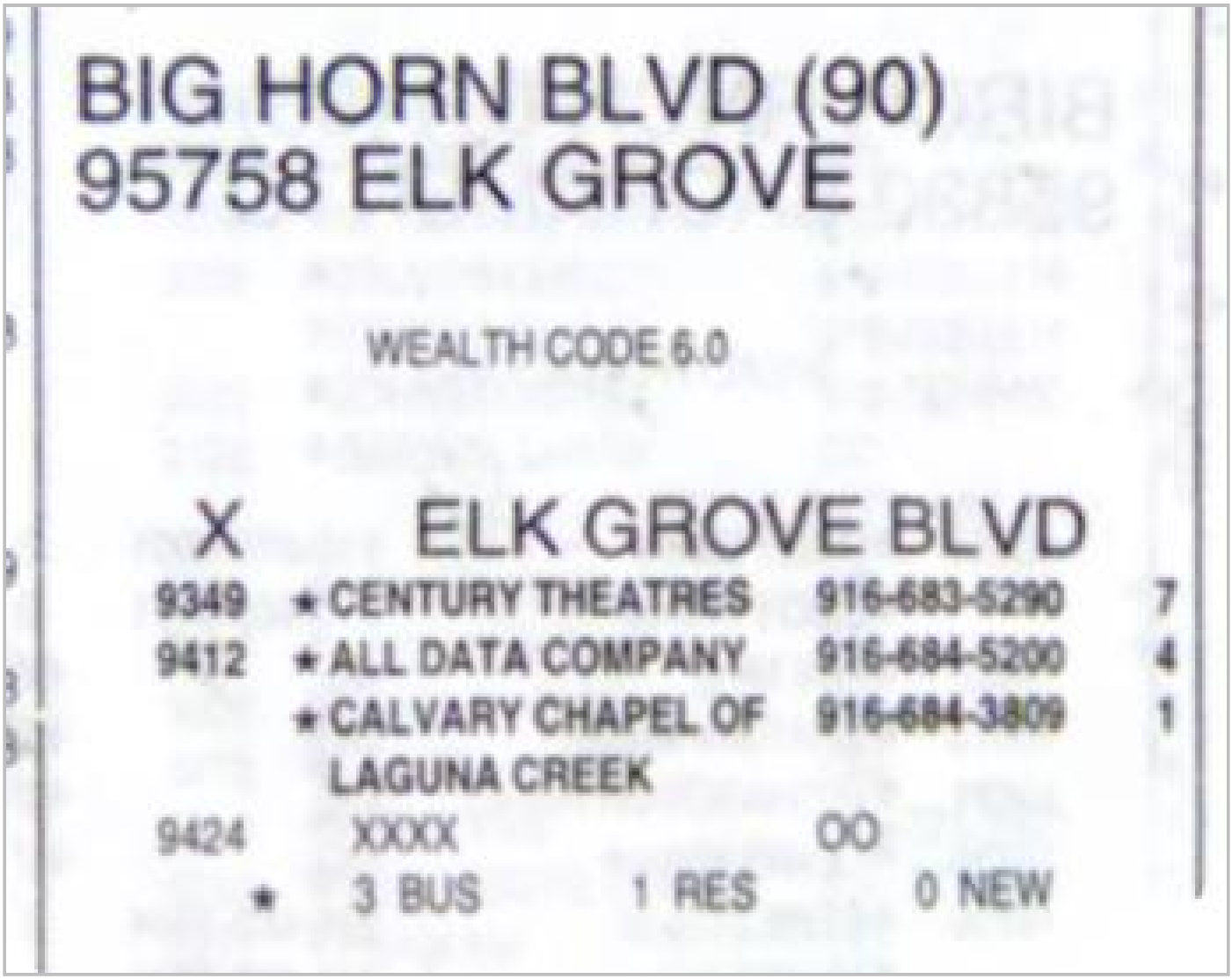
X BRUCEVILLE RD

9201	* KAISER PRMNNTE ELK GRV MED OFF	916-478-5000	+5
9349	* CENTURY THEATRES	916-683-5290	7
	* MOOREFIELD CONSTRUCTION	916-684-5134	3
9412	* ALLDATA COMPANY	916-684-5200	
9424	* MCCOY MARK PT	916-684-6880	3
	* ODGEARD ERIC PT	916-684-6880	3

* 6 BUS 0 RES 1 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

BIG HORN BLVD 1999



BIG HORN BLVD (90)
95758 ELK GROVE

WEALTH CODE 6.0

X ELK GROVE BLVD

9349	* CENTURY THEATRES	916-683-5290	7
9412	* ALL DATA COMPANY	916-684-5200	4
	* CALVARY CHAPEL OF LAGUNA CREEK	916-684-3809	1
9424	XXXX	OO	

* 3 BUS 1 RES 0 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

BIG HORN BLVD 1994

BIG HORN BLVD (90)
95758 ELK GROVE

WEALTH CODE 6

9170	GWERDER Frank	684-2169	1
9412	*ALL DATA COMPANY	684-5200	+4
	*ALLDATA COMPANY	684-5200	0
	*CALVARY CHAPEL	684-3809	1
	*LAGUNA TAX SERVICE	684-5544	1
	*W J HOYT SONS TAX	684-5544	1
9424	*CAL FARM INS AGENCY	684-6950	+4
	*CALFARM INS AGENCY	745-4651	3
	*FARM BUREAU	684-6950	3
	*HARVEST CHURCH	684-5170	2
	*LAGUNA FTNSS PROFLS	684-8316	+4
	*LAGUNA PHYS THERAPY	684-6880	1
	*ODEGARD ERIC PT	684-6880	+4

* 12 BUS 1 RES 4 NEW

Elk Grove Center
10051 Big Horn Blvd
Elk Grove, CA 95757

Inquiry Number: 5912702.7
December 20, 2019

EDR Environmental Lien and AUL Search

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

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

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

10051 Big Horn Blvd
Elk Grove Center
Elk Grove, CA 95757

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found ☐ Not Found ☒

RESEARCH SOURCE

Source 1:

Sacramento Recorder
Sacramento, CA

PROPERTY INFORMATION

Deed 1:

Type of Deed:	deed
Title is vested in:	Los Rios Community College Dist
Title received from:	Pulte Home Corp
Deed Dated	9/15/2008
Deed Recorded:	9/17/2008
Book:	NA
Page:	na
Volume:	na
Instrument:	na
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	
Legal Description:	See Exhibit
Legal Current Owner:	Los Rios Community College Dist
Parcel # / Property Identifier:	132-2140-002
Comments:	See Exhibit

Deed Exhibit 1

RECORDING REQUESTED BY:
Fidelity National Title Company
Escrow No.: 08-**5005904**-MN
Locate No.: CAFNT0934-0934-0010-0005005904
Title No.: *08-**5005904**-CS*

When Recorded Mail Document and Tax Statement To:
Los Rios Community College District
1919 Spanos Court
Sacramento, Ca. 95825

Sacramento County Recorder
Frederick B. Garcia, Clerk/Recorder
BOOK **20080917** PAGE **1015**
Check Number 8488
Wednesday, SEP 17, 2008 2:37:10 PM
Ttl Pd $17.00 Nbr-0005572987
AMH/68/1-3

APN: 132-2140-002

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GRANT DEED

The undersigned grantor(s) declare(s)
Documentary transfer tax is not shown pursuant to Section 11932 of the Revenue and Taxation code, as amended SEPARATE SHEET

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, Pulte Home Corporation, a Michigan Corporation

hereby GRANT(S) to Los Rios Community College District, a political subdivision of the State of California

the following described real property in the City of **Elk Grove**, County of **Sacramento**, State of **California:**
SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

DATED: September 15, 2008

Pulte Home Corporation,
a Michigan corporation

By: Rick Jordan
Name: Rick Jordan
Its: Authorized Agent

State of California)
County of PLACER)

On Sept. 16, 2008 before me,
MONA R Vergara, Notary Public
(here insert name and title of the officer), personally appeared
Rick Jordan,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Mona R. Vergara (Seal)

MONA R. VERGARA
Commission # 1662256
Notary Public - California
Placer County
My Comm. Expires Apr 30, 2010

MAIL TAX STATEMENTS AS DIRECTED ABOVE

Escrow No.: 08-**5005904**-MN
Locate No.: CAFNT0934-0934-0010-0005005904
Title No.: 08-**5005904**-CS

EXHIBIT "A"

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF ELK GROVE, COUNTY OF SACRAMENTO, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

Parcel 2, as shown on that certain Map entitled "Parcel Map No. 06-1046.00 Laguna Ridge-Bayless/Pulte, being a portion of the Northwest one-quarter of the Northeast one-quarter of Section 11, Township 6 North, Range 5 East, M.D.B.&M., City of Elk Grove, County of Sacramento, State of California", filed for record on March 3, 2008 in Book 206 of Parcel Maps, at Page 11, Sacramento County Records.

EXCEPTING THEREFROM all that portion conveyed to the City of Elk Grove in that certain deed dated September 5, 2006, executed by Pulte Home Corporation, a Michigan corporation, recorded January 4, 2007 in Book 20070104, Page 385, Official Records.

APN: 132-2140-002

APN:

CERTIFICATE OF ACCEPTANCE

This is to certify that Los Rios Community College District acting through Jon Sharpe, Deputy Chancellor, (pursuant to Government code section 27281), hereby accepts for public purposes the real property described in the attached deed and consents to the recordation thereof by its duly authorized officer:

Dated: 9/17/08

Jon Sharpe, Deputy Chancellor

ACKNOWLEDGEMENT

STATE OF CALIFORNIA)
)ss.
COUNTY OF SACRAMENTO)

On September 17 2008, before me, Claudia Castellon the undersigned notary public, personally appeared Jon Sharpe, Deputy Chancellor, for the Los Rios Community College District.

Who provided to me the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledgement to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PURJURY under the laws of the State Of California that the foregoing is true and correct.

WITNESS my hand and official seal.

CLAUDIA CASTELLON
Commission # 1801801
Notary Public - California
Sacramento County
My Comm. Expires Jun 15, 2012

Elk Grove Center
10051 Big Horn Blvd
Elk Grove, CA 95757

Inquiry Number: 5912702.3
December 20, 2019

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

12/20/19

Site Name:

Elk Grove Center
10051 Big Horn Blvd
Elk Grove, CA 95757
EDR Inquiry # 5912702.3

Client Name:

Petralogix
26675 Bruella Rd
Galt, CA 95632
Contact: Tonya Scheftner

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Petralogix were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 3776-4209-9254

PO # NA

Project Elk Grove Center

UNMAPPED PROPERTY

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

Sanborn® Library search results

Certification #: 3776-4209-9254

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

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Elk Grove Center
10051 Big Horn Blvd
Elk Grove, CA 95757

Inquiry Number: 5912702.6
December 20, 2019

The EDR Property Tax Map Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

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

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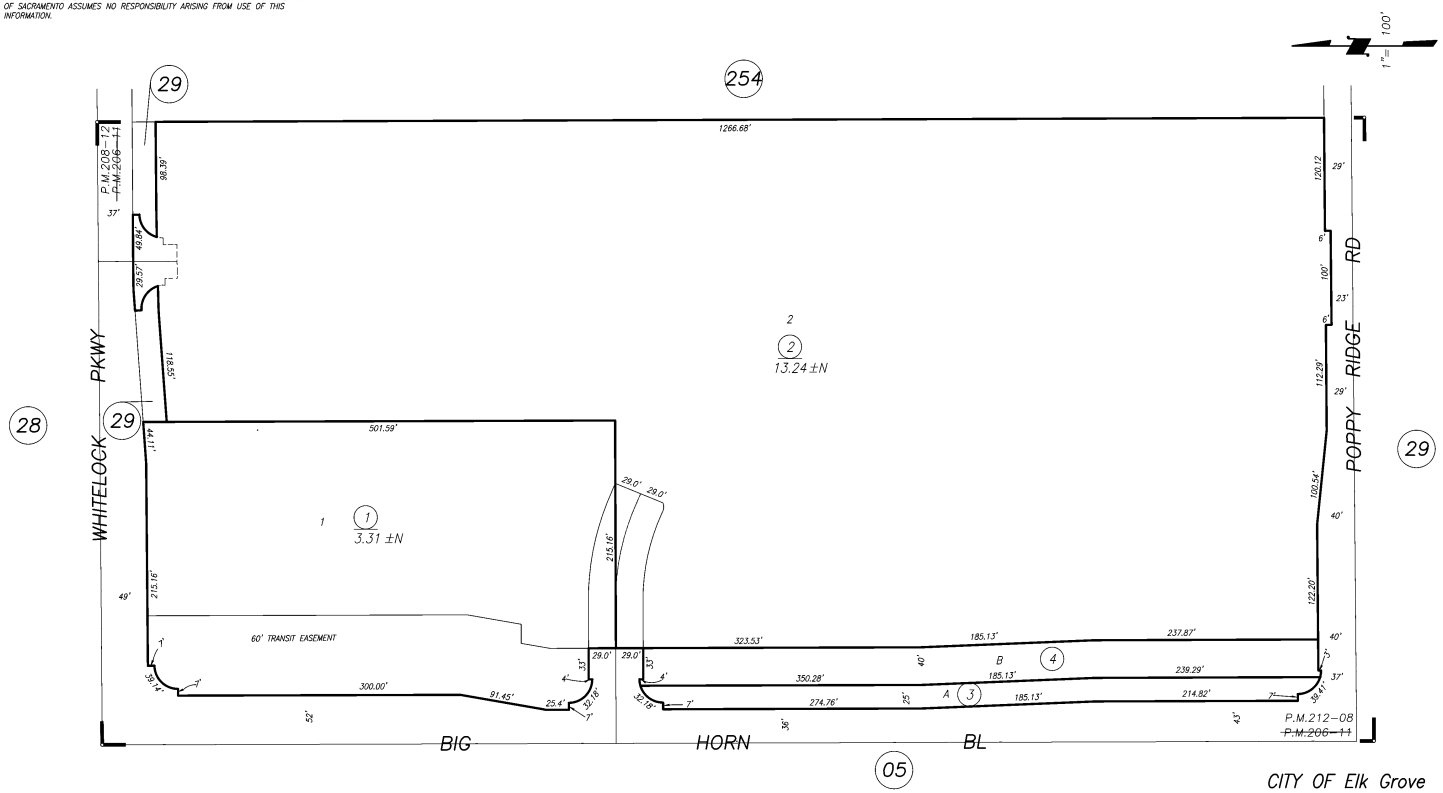
DISCLAIMER: ASSESSORS PARCELS ARE FOR TAX ASSESSMENT PURPOSES ONLY AND DO NOT INDICATE EITHER PARCEL LEGALITY OR A VALID BUILDING SITE. THE COUNTY OF SACRAMENTO ASSUMES NO RESPONSIBILITY ARISING FROM USE OF THIS INFORMATION.

POR. SEC. 11, T.6N., R.5E., M.D.B.& M.

132-214



Parcel Map of Laguna Ridge– Bayless/Pulte, P.M. Bk.206 Pg.11 (3-3-2008)

Amended Parcel Map of Laguna Ridge– Bayless/Pulte, P.M. Bk.212 Pg.18 (3-3-2008)

CITY OF Elk Grove
Assessor's Map Bk. 132 Pg. 214
County of Sacramento, Calif.

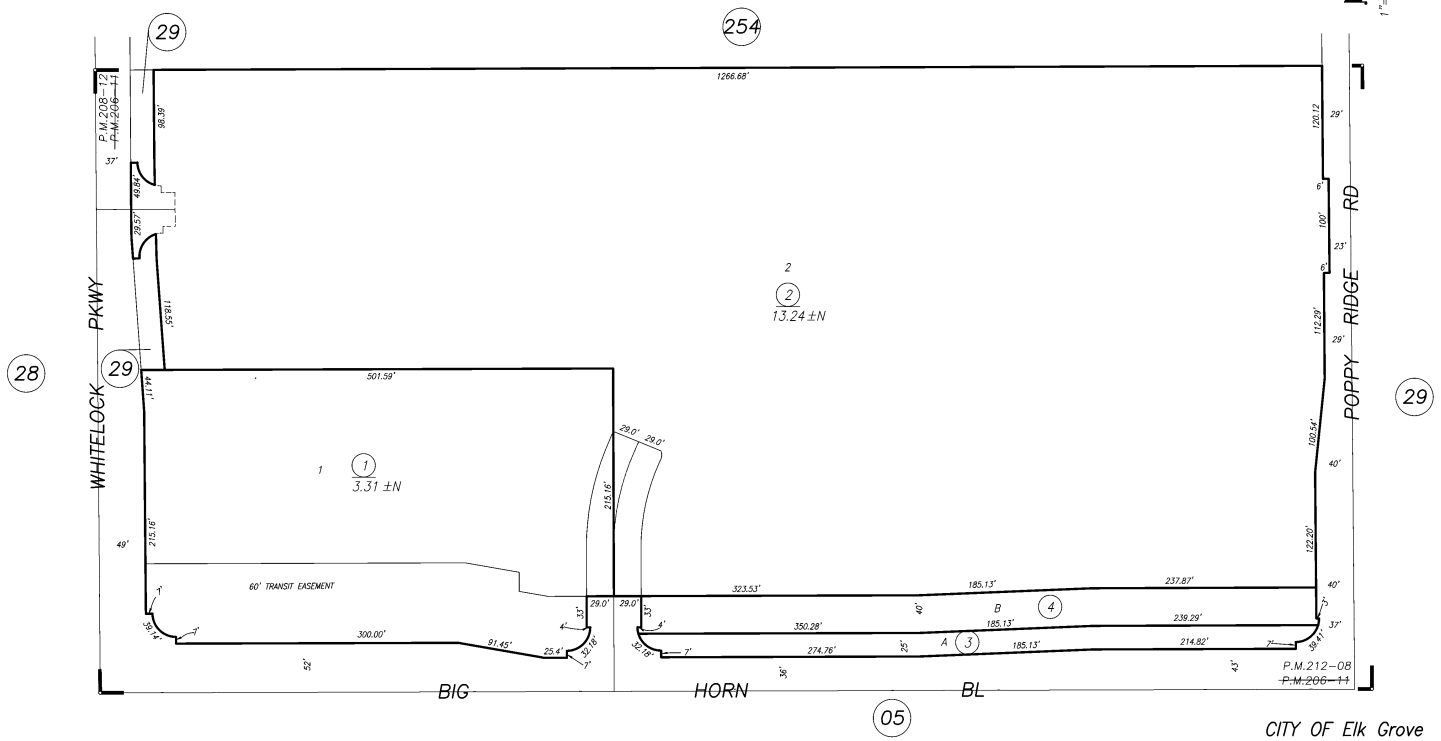
March 30, 2017

DISCLAIMER: ASSESSORS PARCELS ARE FOR TAX ASSESSMENT PURPOSES ONLY AND DO NOT INDICATE EITHER PARCEL LEGALITY OR A VALID BUILDING SITE. THE COUNTY OF SACRAMENTO ASSUMES NO RESPONSIBILITY ARISING FROM USE OF THIS INFORMATION.

POR. SEC. 11, T.6N., R.5E., M.D.B.& M.

132-214

1" = 100'



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Amended Parcel Map of Laguna Ridge– Bayless/Pulte, P.M. Bk.212 Pg.18 (3-3-2008)

CITY OF Elk Grove
Assessor's Map Bk. 132 Pg. 214
County of Sacramento, Calif.

March 30, 2017

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APPENDIX F

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PHASE I ENVIRONMENTAL SITE ASSESSMENT - USER QUESTIONNAIRE
ASSESSOR PARCEL NUMBERS: 132-2140-001, -002
ELK GROVE CENTER
10051 BIG HORN BOULEVARD
ELK GROVE, CALIFORNIA

Petralogix Engineering, Inc. is preparing a Phase I Environmental Site Assessment (Phase I ESA) for the above referenced property in order to assess the potential of onsite items which may be considered as Recognized Environmental Condition or Concern (RECs).

A Recognized Environmental Condition or Concern (REC) is one of the terms used to identify environmental liability within the context of a Phase I Environmental Site Assessment. ASTM defines the recognized environmental condition in the E1527-13 standard as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment". De minimis conditions are not recognized environmental conditions.

We ask that you complete the following questionnaire and email it to tscheftner@petralogix.com. We will include this in the Phase I ESA report as an appendix. We appreciate your time and encourage you to call us at 209-770-0731 with any questions about this or any of the items contained with this document.

REQUIRED QUESTIONS

Please provide the following information to our firm in order to qualify for the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"). Failure to provide this information could result in a determination that "all appropriate inquiry" was not completed. Any information that is falsely recorded, or knowingly is wrong, could also lead to an incomplete defense. For this reason, if an area is unclear or if there is a possibility that further clarification could be presented by another person, then call our firm at 209-770-0731 to discuss.

		Yes	No
1.	Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).		
	Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law? *(If yes, please discuss and attach any relevant documentation that may aid in determine the extent of this question.)*	☐	☒
2.	Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).		
	Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? *(If yes, please discuss and attach relevant documentation.)*	☐	☒
3.	Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).		
	As the user of this Environmental Site Assessment do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? *(If yes, please discuss and attach relevant documentation.)*	☐	☒

		Yes	No	N/A
4.	Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).			
	a. Does the purchase price being paid for this property reasonably reflect the fair market value of the property?	☐	☐	☒

		Yes	No	N/A
b.	If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? *(If yes, please discuss and attach relevant documentation, if any.)*	☐	☐	☒

		Yes	No
5.	Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).		
	Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases?	☒	☐
	For example, as user,		
a.	Do you know the past uses of the property? *(If yes, please discuss and attach relevant documentation, if any.)* Farm land	☒	☐
b.	Do you know of specific chemicals that are present or once were present at the property? *(If yes, please discuss and attach relevant documentation, if any.)*	☐	☒
c.	Do you know of spills or other chemical releases that have taken place at the property?	☐	☒
d.	Do you know of any environmental cleanups that have taken place at the property?	☐	☒

		Yes	No
6.	The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).		
	As the user of this ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?	☐	☒

ADDITIONAL QUESTIONS

The following additional questions will assist the environmental professional in preparation of the Phase I ESA report.

1. Why have you requested this Phase I ESA?

   ☐ To qualify for Landowner Liability Protection

   ☒ Other Reason (please specify) certification For non-construction

2. What is your relationship to the subject property?

   ☐ Buyer ☐ Lender

   ☐ Seller ☒ Other Owner

3. a. What type is the subject property?

   ☐ Commercial ☐ Agricultural ☐ Vacant

   ☐ Residential ☐ Industrial ☒ Other Educational

   b. What type of transaction is involved?

4. Provide the complete and correct address of the property (if not indicated on page 1).

   10061 Bighorn Elk Grove CA 95757

		Yes	No
5.	Are you aware of any former addresses or previous assessor's parcel numbers (APNs) for the subject property? Include previous addresses/APNs even if subject property was split from a larger parcel. *(If yes, please discuss.)*	☐	☒
6.	Do you have any other knowledge or experience with the property that may be pertinent to this investigation (for example, copies of previous environmental assessments, correspondence, etc. concerning the property and its environmental condition)? *(If yes, please discuss and attach relevant documentation, if any.)*	☐	☒

7. What is the proposed future use of the subject property?

8. Identify all additional parties who will rely on the Phase I ESA report (if any).

9. Identify the site contact and how the contact can be reached.

Name: Tiffany Clark

Address: 10061 Bigham

Phone: 916 525 4300

Relationship to property: center supervisor

DOCUMENTS/PROCEEDINGS

The following questions refer to documents or proceedings with regard to the subject property of which the user may be aware.

		Yes	No	Copies to be provided?
1.	**Available Documents** Are you aware of the existence of any of the following documents for the subject property? *If so, please indicate whether you can provide copies of those documents to this office within reasonable time and cost constraints.*			
a.	Environmental site assessment reports	☒	☐	☐
b.	Environment compliance audit reports	☐	☒	☐
c.	Environmental permits (for example, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits)	☐	☒	☐
d.	Registrations for underground and above-ground storage tanks	☐	☒	☐
e.	Registrations for underground injection systems	☐	☒	☐
f.	Material safety data sheets	☒	☐	☐
g.	Community right-to-know plan	☐	☒	☐
h.	Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans; etc.	☒	☐	☐
i.	Reports regarding hydrogeological conditions on the property or surrounding area	☐	☒	☐

		Yes	No	Copies to be provided?
j.	Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property	☐	☒	☐
k.	Hazardous waste generator notices or reports	☐	☒	☐
l.	Geotechnical studies	☒	☐	☒
m.	Risk assessments	☐	☒	☐
n.	Recorded Activity and Use Limitations (AULs)	☐	☒	☐

2. Proceedings Involving the Property
Are you aware of any of the following related to the subject property? *(If so, please attach relevant documentation.)*

a.	Any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?	☐	☒	☐
b.	Any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property?	☐	☒	☐
c.	Any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?	☐	☒	☐

ENDORSEMENT:

As the User of the Phase I Environmental Site Assessment being prepared for the property (or the duly authorized representative of such User), I hereby certify that to the best of my knowledge, information, and belief the information disclosed above is true and correct.

[signature] 1.17.20

Client (user) Signature Date

DAN McKECHNIE

Client (user) Name (Please Print)

Contact Phone Number (916) 856-3400

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PHASE I ENVIRONMENTAL SITE ASSESSMENT - OWNER/KEY SITE MANAGER QUESTIONNAIRE
ASSESSOR PARCEL NUMBERS: 132-2140-001, -002
ELK GROVE CENTER
10051 BIG HORN BOULEVARD
ELK GROVE, CALIFORNIA

At the request of Los Rios Community College District, Petralogix Engineering, Inc. is preparing a Phase I Environmental Site Assessment (Phase I ESA) for the above referenced property. Since you are the owner of the property, we ask that you designate someone as the key site manager or "person with the most knowledge of the property" to complete this form. Alternatively, you as the owner can complete it yourself considering that you are the most knowledgeable person. The designated person should complete the following questionnaire and email it to tscheftner@petralogix.com. If you have any questions about this do not hesitate to call us at 209-770-0731.

GENERAL INFORMATION

1. Current property owner:

Los Rios Community College District
Name

1919 Spanos Court Sacramento CA 95825
Address

916 568 3041
Telephone

_____
Year purchased

2. Previous property owner(s) and contact information (if this is not known please explain why):

   Name:

   Address:

   Telephone:

   Year purchased:

3. Any other person(s) with historical knowledge of property (if known):

   Name:

   Address:

   Telephone:

   Relationship to property:

4. Please describe current use(s) of property to your best ability (more detail is better which specifies factors about the property's impact form use: Higher Education Elk Grove Center general ED

5. Please describe any other known past use(s) of property, and approximate dates of each use:

6. Please describe any other relevant historical information in your possession concerning the subject property.

	Yes	No
7. Are you aware of any former addresses or previous assessor's parcel numbers (APNs) for the subject property? Include previous addresses/APNs even if subject property was split from a larger parcel. *(If yes, please discuss.)*	☐	☒

8. Are there any businesses using any portion of the property which are operated by an entity other than the property owner (including a tenant farming operation)? If yes, please provide contact name and phone number for each: ☐ ☒

9. To the best of your knowledge has the property ever been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility? ☐ ☒

10. To the best of your knowledge has any adjoining property ever been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility? ☐ ☒

11. Do you have any knowledge of the past or current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property? ☐ ☒

	Yes	No
12. Are there any electrical transformers or capacitors on the property which are known to contain PCBs (polychlorinated biphenyls), or which may have been manufactured before 1980 and whose PCB content is unknown?	☐	☐

13. Water is provided to the property by:

☐ A Well ☐ Irrigation District
☒ Public Water System ☐ None Available

Approximate age of system: 10 yrs

14. Waste water disposal is provided to the property by:

☐ On-Site Septic System ☐ None Available
☒ Public Sewer System

Approximate age of system: 10 yrs

15. Are there any wastewaters generated and/or disposed of on the property other than storm water runoff and domestic sewage? Please describe. (Please attach copies of any wastewater discharge permits or licenses pertaining to operations on the property.) ☐ ☒

16. Are there any other types of liquid wastes or solid wastes generated at the property? Please describe how they are handled and disposed of. (Please attach copies of any waste disposal permits or licenses pertaining to operations on the property.) ☐ ☒

17. Are there any activities on the property which generate air pollutants, including fuel burning equipment? Please describe. (Please attach copies of any air permits or licenses pertaining to operations on the property.) ☐ ☒

STRUCTURES

	Yes	No
1. Are there currently any structures on the property? *For each existing building, please provide type of building and date of original construction and any substantial renovations:* Central EO building 2009	☒	☐
2. To the best of your knowledge, have there been any structures on the property in the past which have since been removed? *For each building known to have been removed, please provide type of building and approximate dates the building existed:*	☐	☒

3. How are the structures heated and cooled (e.g., central, wall-mounted unit, space heaters, etc.), and what powers the heating and cooling devices (e.g., electric, propane, fuel oil tank, fireplace, etc.)? central Electric, Natural Gas

4. Are there any currently, or the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors?	☐	☒
6. If any buildings were constructed prior to 1980, is there any currently or was there previously lead-based paint applied to the building(s)?	☐	☒
a. If so, has a survey been conducted to assess the type, amount, location and condition of lead-based paint? (Please attach a copy of any survey report.)	☐	☒

STORAGE TANKS AND OTHER CHEMICAL STORAGE

		Yes	No
1.	Are there currently, or to the best of your knowledge have there been previously, any registered or unregistered gasoline, diesel, fuel oil or other chemical storage tanks (above or underground) located on the property?	☐	☒
2.	Are there any pesticides, paints, or other chemicals stored or used on the property in drums, sacks, or other containers greater than 5 gallons each or 50 gallons in the aggregate?	☐	☒
3.	If the answer to either question is "yes," please answer the questions below:		
	a. For each tank, please list substance stored and tank capacity:		
	b. Have the tanks been inspected or tested for leakage? When was the most recent test? What were the results? *(Please attach copies of results if available.)* No Tanks	☐	☐
	c. For other storage containers, please describe the substances, quantities stored, and types of containers.		
	e. Please attach copies of any permits or licenses pertaining to the use, storage, handling, or disposal of chemicals on the property.		
4.	Have there been any spills, leaks, or other releases of chemicals on the property? *If so, please describe the chemicals and quantities released, any cleanup measures taken, and the results of any soil or groundwater samples performed to detect the presence of chemicals spilled, leaked, or released on the property.*	☐	☒

INDUSTRIAL PROPERTIES

1.	Is the property currently used for any industrial purpose?	☐	☒
2.	Has the property ever been previous used for an industrial purpose (other than the current use)?	☐	☒

3. If the answer to either question is "yes," please answer the following:

a.	Has the property been used for disposal of any liquid or solid waste?	☐	☐
b.	Have evaporation or storage ponds been located on the property?	☐	☐
c.	Have waste water treatment facilities, such as acid neutralization vaults, been located on the property?	☐	☐
d.	Are there raw chemical or waste chemical storage areas on the property?	☐	☐

If any of questions 3.a-d are answered "yes," please provide a description, including the location of all disposal sites, treatment facilities and storage areas, the type of chemicals or wastes handled at each site, the results of any soil or groundwater samples taken in the vicinity of each site, and the manner in which each site not presently in use was closed.

AGRICULTURAL PROPERTIES

		Yes	No
1.	Is the property currently used for agricultural purposes, other than grazing or pasture land?	☐	☒
2.	To the best of your knowledge, has the property been used in the past for agricultural purposes, other than grazing or pasture land?	☐	☒

3. If the answer to either question is "yes," please answer the following:

a.	Have pesticides, herbicides or other agricultural chemicals been applied to the property? If so, please describe the locations where such pesticides, herbicides or chemicals were applied, and the type of pesticides, herbicides or chemicals applied in each area. *(Please attach copies of pesticide use reports if available.)*	☐	☐
b.	Have pesticides, herbicides or other agricultural chemicals been mixed, formulated, rinsed, or disposed of on the property? *If so, please describe the locations where such pesticides, herbicides or chemicals were mixed, formulated, rinsed, or disposed, and the type of pesticides, herbicides or chemicals mixed, formulated, rinsed or disposed of at each location.*	☐	☐

c. Has any soil or groundwater analysis been performed to detect pesticides, herbicides or chemicals used at the site? *If so, please provide a summary of the findings or attach the report(s).* ☐ ☐

DOCUMENTS/PROCEEDINGS

		Yes	No	Copies to be provided?
1.	Available Documents Are you aware of the existence of any of the following documents for the subject property? *If so, please indicate whether you can provide copies of those documents to this office within reasonable time and cost constraints.*			
a.	Environmental site assessment reports	☐	☒	☐
b.	Environment compliance audit reports	☐	☒	☐
c.	Environmental permits (for example, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits)	☐	☒	☐
d.	Registrations for underground and above-ground storage tanks	☐	☒	☐
e.	Registrations for underground injection systems	☐	☒	☐
f.	Material safety data sheets	☒	☐	☐
g.	Community right-to-know plan	☐	☒	☐
h.	Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans; etc.	☒	☐	☐
i.	Reports regarding hydrogeological conditions on the property or surrounding area	☐	☒	☐
j.	Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property	☐	☒	☐
k.	Hazardous waste generator notices or reports	☐	☒	☐
l.	Geotechnical studies	☒	☐	☐
m.	Risk assessments	☐	☒	☐
n.	Recorded Activity and Use Limitations (AULs)	☐	☒	☐

2. Proceedings Involving the Property
Are you aware of any of the following related to the subject property? *(If so, please attach relevant documentation.)*

a.	Any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?	☐	☒	☐
b.	Any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property?	☐	☒	☐
c.	Any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?	☐	☒	☐

ENDORSEMENT:

Being the present owner of the property (officer, general partner of the present owner, or the duly authorized representative) I am familiar with all of the operations presently conducted on the property. Furthermore, I certify that to the best of my knowledge, information, and belief the information disclosed above is true.

I hereby give permission to Petralogix Engineering, Inc. to enter the subject property, including all structures on the property, as necessary to complete the Phase I report.

[signature] 1.17.20
Signature date

DAN McKECHNIE
Name (Please Print)

OWNER REP
Relationship to property

Contact Phone Number (916) 856 3900

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APPENDIX G

IDENTIFICATION SHEET 1

Well Record ID: WP00 48972 **Date Discovered:** January 24, 2011

APN: 132 - 2140 - 002 - 0000 **Site Address:** 10051 Big Horn Blvd.

Well Type: Open Casing (OC) **Safety Hazard:** ○Yes ⊙No

Notes: Domestic well with open piping observed in area near end of old access road to former house. Well is just behind a tree to the right of the road.

You are hereby directed to complete the following activities within the prescribed timeline:

- Provide a secure cover for the well by **N/A** ;
- Obtain a permit for the inactivation, repair or destruction of the well by **March 01, 2011** ; and
- Complete the inactivation, repair or destruction of the well by **May 01, 2011** .

Failure to comply with this Notice may result in formal enforcement action, including the imposition of administrative penalties of up to $10,000 per well, per day of violation.

Countywide Services Agency

Environmental Management Department

Environmental Compliance Division
Elise Rothschild, Chief

County of Sacramento

Steven C. Szalay, Interim County Executive
Bruce Wagstaff, Agency Administrator
Val F. Siebal, Department Director

January 28, 2011

Los Rios Community College District
1919 Spanos Court
Sacramento, CA 95825

CERTIFIED MAIL: 7001 1940 0000 7703 6753

Dear Sirs:

SUBJECT: NOTICE TO COMPLY – ABANDONED WELL PROGRAM
SACRAMENTO COUNTY CODE, CHAPTER 6.28 (WELLS & PUMPS)

With your authorization, on January 24, 2011, a representative of the Sacramento County Environmental Management Department (EMD) discovered an abandoned well(s) or suspected abandoned well(s) at your property located at: **10051 BIG HORN BLVD., ELK GROVE, CA 95757 (APN: 132-2140-002)**

Sacramento County Code, Chapter 6.28 (Wells & Pumps) contains minimum requirements for the construction, modification, repair, inactivation, and destruction of wells and for the installation of pumps. The California Health & Safety Code and the Sacramento County Code both define "abandoned" or "permanently inactive" wells as wells that have not been used for a period of one year or longer. Both codes mandate the legal destruction of abandoned or permanently inactive wells unless the owner demonstrates intent for future use of the wells by obtaining a well inactivation permit and by maintaining the wells in such a way that the following requirements are met:

- ✓ The well shall not allow impairment of the quality of water within the well and groundwater encountered by the well.
- ✓ The top of the well and the well casing shall be provided with watertight covers that are secured by locks or by other means to prevent their removal without the use of equipment or tools, to prevent unauthorized access, to prevent a safety hazard to humans and animals, and to prevent illegal disposal of wastes into the well.
- ✓ The well shall be marked so as to be easily visible and located, and labeled so as to be easily identified as a well.
- ✓ The area surrounding the well shall be kept clear of brush, debris, and waste materials.

We have enclosed an "Identification Sheet" for each of the wells on the aforementioned property, with specific information for taking appropriate action for each well. Failure to comply with this Notice may result in formal enforcement action pursuant to Chapter 6.28.

If you have any questions regarding this Notice, please contact Susan Williams at (916) 875-8452 or Lisa Christy at (916) 875-8466. You may access documents at our "Well Program" website at: http://www.emd.saccounty.net/WP/EMDwells.htm.

Sincerely,

Barry Marcus, P.G.
Supervising Environmental Specialist
Environmental Compliance Division

BIM:SZ:rjd

Enclosures: Identification Sheet 1
Well Application and Permit Form
AWP Brochure

W:\Data\WELLS\ABANDONED WELLS\NTCs\10051 BIGHORN BLVD., WP48972, NTC..doc

ATTACHMENT 2

County of Sacramento
Environmental Management Department
Environmental Compliance Division
10590 Armstrong Avenue, Suite A
Mather, CA 95655
Telephone: (916) 875-8400 Facsimile: (916) 875-8513

In Re: 0 Poppy Ridge Road, Elk Grove, CA 95757 (APN: 132-2140-002-0000) Brice W. Harris, Chancellor Los Rios Community College District 1919 Spanos Court Sacramento, CA 95825 Harry Nash How III, RMO Edward R. Bacon Company, Inc. 650 Lighthouse Avenue #250 Pacific Grove, CA 93450	**CONSENT AGREEMENT** [Sacramento County Code, Chapter 6.28] Case No.: 11-WP0047528

The Sacramento County Environmental Management Department ("EMD") and Los Rios Community College District ~~**BRICE W. HARRIS**~~ and **HARRY NASH HOW III** ("Respondents") enter into this Consent Agreement as follows:

4.1 A dispute exists regarding the Enforcement Order issued by EMD on **OCTOBER 20, 2011**, a copy of which is attached hereto and hereby incorporated by reference.

4.2 Jurisdiction exists pursuant to Sacramento County Code, Chapter 6.28.

4.3 The parties wish to resolve this matter and to ensure prompt action to achieve the 'Schedule of Compliance' below.

4.4 This Agreement shall constitute full settlement of the violations alleged in the Enforcement Order so long as Respondents fully comply with its terms, but it does not limit the EMD from taking appropriate enforcement action for other or future violations not addressed in the Enforcement Order.

4.5 Respondents waive any right to appeal and right to hearing in this matter.

4.6 By signing this Agreement, Respondents agree to comply with all provisions of Sacramento County Code, Chapter 6.28, and pay penalties as described below for the violations.

SCHEDULE OF COMPLIANCE

5.1 Respondents agree to pay the EMD a penalty of **$10,850.00** at the above address **within 15 days from the date of service** payable by check, cashier's check, or money order.

5.2 On condition that Respondents fully comply with Paragraph 5.1 on or before the date agreed upon, EMD agrees to accept the amount stated in Paragraph 5.1 in full settlement of any administrative penalties Respondents are subject to as a result of the violations alleged in the Enforcement Order.

5.3 In the event that Respondents fail to fully comply with Paragraph 5.1, the EMD retains the right to collect all administrative penalties Respondents are subject to as a result of the violations alleged in the Enforcement Order as well as the right to assess additional penalties.

ADDITIONAL PROVISIONS

6.1 Parties Bound: This Agreement shall apply to and be binding upon Respondents and their officers, directors, agents, receivers, trustees, employees,

contractors, consultants, successors, and assignees, including but not limited to individuals, partners, and subsidiary and parent corporations, and upon the EMD and any successor agency that may have responsibility for and jurisdiction over the subject matter of this Agreement.

6.2 Effective Date: The effective date of this Agreement shall be the date that it is signed by the EMD.

6.3 Integration: This Agreement constitutes the entire agreement between the parties concerning the matters contained herein and may not be amended, supplemented, or modified except by written agreement of all parties.

Dated: 10/26/11	By: Jon Sharpe, Deputy Chancellor

Brice W. Harris, Chancellor
Los Rios Community College District
Property Owner

Dated:	By:

Harry Nash How III, RMO
Edward R. Bacon Company, Inc.
Contractor

Dated: 10-26-11	By: Elise Rothschild

Elise Rothschild, Chief
Environmental Compliance Division

W:\DATA\WILLIAMSS\ENFORCEMENT - ACTIVE\0POPPYRIDGEROAD\CONSENT AGREEMENT.DOC

contractors, consultants, successors, and assignees, including but not limited to individuals, partners, and subsidiary and parent corporations, and upon the EMD and any successor agency that may have responsibility for and jurisdiction over the subject matter of this Agreement.

6.2 Effective Date: The effective date of this Agreement shall be the date that it is signed by the EMD.

6.3 Integration: This Agreement constitutes the entire agreement between the parties concerning the matters contained herein and may not be amended, supplemented, or modified except by written agreement of all parties.

Dated:	By:

Brice W. Harris, Chancellor
Los Rios Community College District
Property Owner

Dated: 10-20-2011	By: [signature]

Harry Nash How III, RMO
Edward R. Bacon Company, Inc.
Contractor

Dated: 10-20-11	By: Elise Rothschild

Elise Rothschild, Chief
Environmental Compliance Division

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Countywide Services Agency

Environmental Management Department

Environmental Compliance Division
Elise Rothschild, Chief

County of Sacramento

Bradley J. Hudson, County Executive
Bruce Wagstaff, Agency Administrator
Val F. Siebal, Department Director

September 14, 2011

Mr. Brice W. Harris, Chancellor
Los Rios Community College District
1919 Spanos Court
Sacramento, CA 95825

CERTIFIED MAIL: 7004 1350 0002 4341 4378

Dear Mr. Harris:

SUBJECT: NOTICE OF VIOLATION OF SACRAMENTO COUNTY CODE, CHAPTER 6.28 – WELLS AND PUMPS, AND NOTIFICATION OF POTENTIAL FILING OF ADMINISTRATIVE ENFORCEMENT ORDER (WP0047528)

On January 3, 2011, the Environmental Management Department (EMD) received an application for a supply well inactivation from David Nichols with Los Rios Community College District (LRCCD). The supply well was located at **0 POPPY RIDGE ROAD, ELK GROVE, CA 95757 (APN 132-2140-002-0000).** In an effort to satisfy the requirements contained in the California Health & Safety code and the Sacramento County Code with respect to supply well inactivation, LRCCD solicited bids for the removal of a turbine pump in the well, placement of a cap over the well casing, and removal of concrete, a power pole, an electrical panel and debris from the well site. Edward R. Bacon Company, Inc. (ERBCO) received the contract from LRCCD for this work. On or about December 23, 2010, ERBCO completed activities at the site that were not in conformance with the scope of work identified in LRCCD bid documents, including the removal of a portion of the well casing, the placement of ¼" – ½" rock inside the well casing, and the burial of the well with wood, leaves, mud and debris. On February 3, 2011, we issued a "Notice of Violation" to Edward R. Bacon Company, Inc. (ERBCO) for violations of Sacramento County Code, Chapter 6.28 ("Wells & Pumps"). On March 7, 2011, we received a permit application from Robert Allen Nix for the legal destruction of the well, which was complicated by the actions of ERBCO.

We have added LRCCD to this enforcement case because you hired a contractor that was not properly licensed to complete the contracted work. Specifically, removal of the well pump may only be performed by a C-61 or C-57 licensed contractor in the State of California. The permit acquired by LRCCD in January was not a pump removal permit but a well inactivation permit. The work completed by ERBCO complicated the proper legal destruction of the well and compromised the quality and completeness of the well destruction. Sacramento County Code, Chapter 6.28, Section 6.28.000.I ("Responsibility for Compliance") states that the well owner shall be responsible for compliance with all applicable provisions of the Chapter, and "well owner" is defined as the owner of the property on which the well is located.

Based upon the information in the record to date, EMD is preparing to take administrative action to assess appropriate penalties. This action will address violations of our well ordinance (Sacramento County Code, Title 6, Chapter 6.28 "Wells & Pumps"), which requires well owners, licensed well contractors, and their authorized agents to comply with all provisions contained in the ordinance to ensure that the groundwater of Sacramento County will not be polluted or contaminated by improper well construction, modification, repair, inactivation, or destruction, or by improper pump installation. The following potential violations have been identified:

- FAILURE TO OBTAIN A PERMIT: Sacramento County Code, Chapter 6.28, Section 6.28.030.A prohibits the construction, repair, modification, inactivation or destruction of a well without an EMD permit. On or about December 23, 2010, based on photographic evidence and information you have provided to us, your contractors modified or destroyed a well without an EMD permit.

- FAILURE TO POSSESS A VALID C-57 LICENSE: Sacramento County Code, Chapter 6.28, Section 6.28.030.a.1 prohibits the construction, repair, modification, or destruction of a well without a valid C-57 contractor's license. ERBCO's license has a B classification (general building contractor) and a C10 classification (electrical) but it does not include the C-57 classification. On or about December 23, 2010, your contractors modified or destroyed a well without a valid C-57 license.

- FAILURE TO COMPLY WITH CALIFORNIA WELL STANDARDS: Sacramento County Code, Chapter 6.28, Section 6.28.040 contains standards for the construction, repair, modification, inactivation and destruction of supply wells. On or about December 23, 2010, your contractor modified or destroyed a well without complying with those standards.

Prior to filing an Administrative Enforcement Order (Order), we are offering you the opportunity to advise us of any other information that should be considered before the Order is filed. You may also take this opportunity to commence settlement discussions concerning the alleged violations. It is EMD's intention to file the Order within the next two weeks, unless you advise us of substantial reasons not to proceed as planned.

The maximum penalty for violation of any provision of the Sacramento County Code, Chapter 6.28, is $10,000.00 per well, per day of violation. The Sacramento County Well and Pump Ordinance is available for your review online at http://qcode.us/codes/sacramentocounty.

Thank you for your prompt attention to this matter. If you have any questions, please feel free to contact Ms. Susan Williams of my staff at (916) 875-8452.

Sincerely,

Elise Rothschild

Elise Rothschild
Chief, Environmental Compliance Division

ER:BIM:SBW:rjd

c: Dave Nichols, Los Rios Community College District
Harry Nash How III, Edward R. Bacon Company, Inc.

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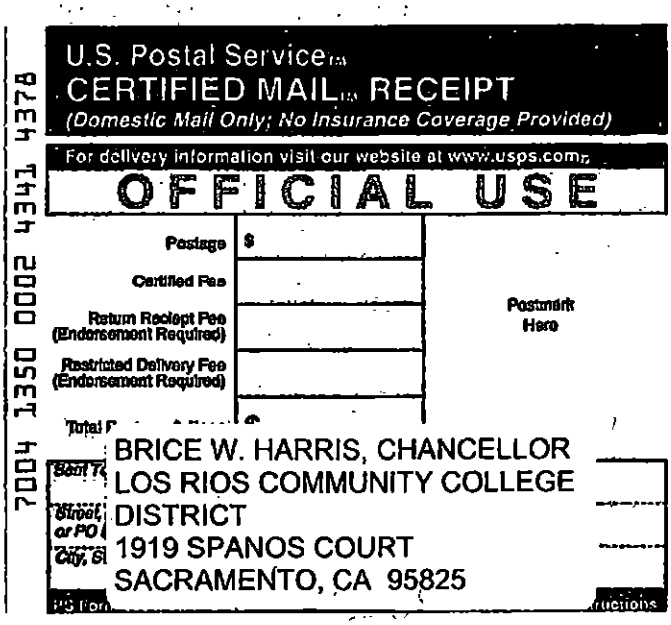
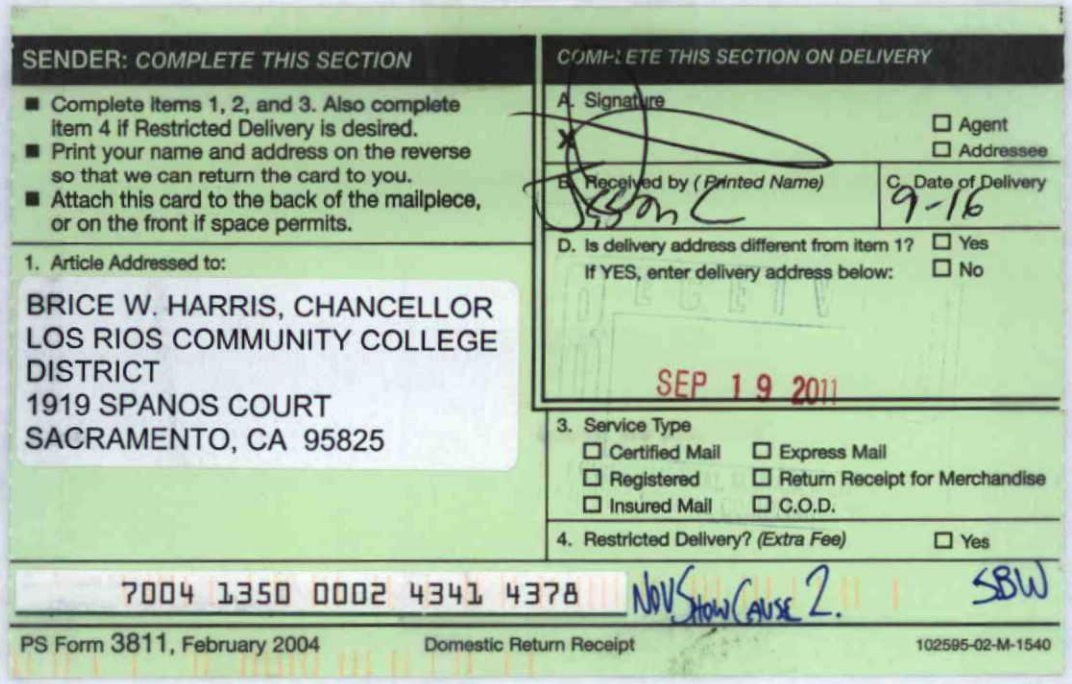
0POPPYRIDGERD\NOVSHOWCAUSE2.CERT



nov show cause 2.CERT.Green Card



SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

BRICE W. HARRIS, CHANCELLOR
LOS RIOS COMMUNITY COLLEGE DISTRICT
1919 SPANOS COURT
SACRAMENTO, CA 95825

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X
☐ Agent
☐ Addressee

B. Received by (*Printed Name*)
Jason C

C. Date of Delivery
9-16

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

SEP 19 2011

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (*Extra Fee*) ☐ Yes

7004 1350 0002 4341 4378

NOV Show Cause 2. SBW

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

HANFORD READY MIX, INC.

HRM

THE MOST TRUSTED CONCRETE NAME FOR OVER 29 YEARS

WARNING — IRRITANT

WEIGHTMASTER

No. 26265

LEAVE PLANT	420
ARRIVE JOB	440
START POUR	
END POUR	
LEAVE JOB	
ARRIVE PLANT	
WATER ADDED AT JOB	GALS.
DRIVER	HAPPY

BUSINESS OFFICE: 9800 KENT STREET ELK GROVE, CA 95624 • 97 BERRY STREET. ROSEVILLE, CA 95678

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12740) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

PROPERTY DAMAGE RELEASE (TO BE SIGNED IF DELIVERY TO BE MADE INSIDE CURB LINE)

Dear Customer - the driver of this truck in presenting this RELEASE to you for you signature is of the opinion that the size and weight of this truck may possibly cause damage to the premises and/or adjacent property if he places the material in this load where you desire it. It is our wish to help you in every way that we can, but in order to do this, the driver is requesting that you sign this RELEASE relieving him and HANFORD READY-MIX, INC. from any responsibility from any damage that may occur to the premises and/or adjacent property, buildings, sidewalks, driveways, curbs, etc. by the delivery of this material, and that you also agree to help him remove mud from the wheels of his vehicle so that he will not litter the public street. Further, as additional consideration, the undersigned agrees to indemnify and hold harmless the driver of this truck and HANFORD READY-MIX, INC. for any and all damage to the premises and /or adjacent property which may be claimed by anyone to have arisen out of delivery of this order.

COLOR AND CRACKING DISCLAIMER: ALTHOUGH OUR COMPUTER CONTROLLED BATCHING/COLOR SYSTEMS GREATLY MINIMIZES HUMAN ERROR IN MATCHING COLORED CONCRETE TO SAMPLES OR TO PRIOR LOADS, HANFORD READY MIX, INC. DOES NOT GUARANTEE COLOR OR CRACKING DUE TO THE MANY CIRCUMSTANCES BEYOND OUR CONTROL INCLUDING BUT NOT LIMITED TO CONSISTENCY OF CEMENT, AGGREGATES, ADMIXTURES, SLUMP, SUB-GRADE PREPARATION, WATER ADDED ON SITE, FINISHING TECHNIQUES AND CURING METHODS.

BUYER AGREES TO PAY SELLER'S REASONABLE ATTORNEY'S FEES IF LEGAL ACTION IS FILED TO COLLECT AMOUNTS NOT PAID WHEN DUE.

SIGNED _____

PLANT	MIX NO.	YARDS	TRUCK		TIME	DATE	TICKET NO.
01	MIX A38		HRM 12		09:07AM	06/22/11	54593

CUSTOMER NAME	DELIVERY ADDRESS	CUST.PO. NO.
ALLEN NIXS WELLS	8500 POPPY RIDGE RD	CHG

NOTES: ALLEN

YARDS	DESCRIPTION	YARDS ORDERED	YARDS DELIVERED	DELIVERED TODAY	AMOUNT
9.00	10.3 SK SAND SLURRY	9.00	9.00		
1.00	FUEL CHG	1.00	1.00		
			1		[illegible]

Truck #1

SIGNED BY _____
DEPUTY'S SIGNATURE

The Hanford Family realizes you have many choices when ordering concrete and landscape materials and we would like to thank you for your business.

WARNING - IRRITATING TO THE SKIN AND EYES

- CONTAINS PORTLAND CEMENT. ✦ WEAR RUBBER BOOTS AND GLOVES.
- AVOID CONTACT WITH EYES AND PROLONGED CONTACT WITH SKIN
- IN CASE OF CONTACT WITH SKIN OR EYES, FLUSH THOROUGHLY WITH WATER IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.
- KEEP CHILDREN AWAY.

THIS MIX DOES NOT CONFORM TO THE 1994 OR 1997 UNIFORM BUILDING CODE, TABLE 19-A3. IF THE REQUIREMENTS OF YOUR CONCRETE SHOULD FALL UNDER THIS TABLE, PLEASE CONTACT OUR SALES DEPARTMENT FOR A REVISED MIX DESIGN AND QUOTE.

TOTAL

RECEIVED BY _____ AUTH. NO. _____

ADDITIONAL WATER ADDED TO THIS CONCRETE WILL REDUCE ITS STRENGTH. ANY WATER ADDED IS AT THE CUSTOMER'S OWN RISK.
WATER ADDED ON JOB AT CUSTOMERS REQUEST RECEIVED BY

MATERIAL	DESIGN QTY	REQUIRED	BATCHED	VAR	% VAR	%MOISTURE
CEMENT E	780 lb	8712 lb	8760	12	-.14%	
SAND	1936 lb	18208 lb	18260	52	0.29%	4.50 M
WATER	60.0 gl #	0.0 gl	0.0	0.0	0.00%	
EUCON NW	3.50 /C	#304.92 oz	306.00	1.08	0.35%	
COLD	100.0 %	# 446.0 gl	446.0	0.0	0.00%	
WATER 3	0.0 gl #	0.0 gl	0.0	0.0	0.00%	

NON-SIMULATED NUM BATCHES: 2

DESIGN W/C: 0.517 WATER/CEMENT: 0.518A TO ADD: 0.0 gl

SLUMP: 7.00 " WATER IN TRUCK: 0.0 gl ADJUST WATER: 0.0 gl /load TRIM WATER: 0.0 gl /yd

CUSTOMER COPY

Edward R. Bacon Company
Mailing Address: PO Box 50. San Martin, CA. 95046
255 Fitzgerald Avenue, San Martin, CA. 95046
Phone: 408-288-9500/408-846-1600
Fax: 408-846-1662

County of Sacramento.
Environmental Compliance Division
Dated: February 10, 2011

Dear Ms. Rothschild,

I am writing you in response to your notice of violation deeded February 3, 2011; your letter requests a 'statement of facts' relative to our activity at Poppy Ridge Road in Elk Grove. I have prepared for your review our statement of facts.

Statement of Fact

I received a telephone call for a Mr. David Nichols with the Del Rios School District in Elk Grove. Mr. Nichols described to me a site owned by the school district that needed to be cleared of debris, generally, an old power pole, miscellaneous debris, a concrete pipe, a well motor and a well pipe that needed to be capped. I thought that the project was simple enough and asked David to send me some photographs of the site along with a scope of work. I remember asking him specifically about the well and he said that it just needed to be capped and that he had a permit for that. After receiving the pictures and scope of work I had our office e-mail Mr. Nichols a proposal to perform the above-mentioned work. Our proposal was accepted and we had a crew sent out to perform the work. Our crew indicated to us that the work was completed as specified and we invoiced the school district and the district paid us for services rendered.

On January 19, 2011 we received a phone call from David Nichols and subsequently from Susan Williams that apparently the well casing had not been capped but rather the casing cut 3 feet below grade and filled with ¼" and ½ rock, and covered with dirt. Susan explained to me that the School District had a permit to cap the well, and although we could have capped the well, our crew instead placed rock inside the well casing and did not cap the well, thereby improperly abandoning the well. She advised me that we would be receiving a notice of violation and that I needed to work out with the School District to remedy the problem and that we needed to engage the services of a licensed well driller to either abandon the well or remove the debris from the well and cap the well.

Susan was very helpful and as our conversation continued she helped me understand that our crew had not performed what was asked of them. She forwarded me a list of well drillers in the area to contact in order to attain proposals to perform the work now being asked of us. I told Susan that I could not address the issue immediately since I have some family matters to take of but I will focus my attention on the matter the following week. I have been in contact with Mr. Nichols and indicated to him that although our crew did not mean to cause any harm or breach any codes, they mistakenly thought they were doing the proper thing and our Company will need to take responsibility for their mistake.

Conclusion

Since my initial conversation with Susan I have been attempting to contact some of the well drillers from the list she provided me. Several drillers that I contacted said that they do not abandon wells. Others I have called have not returned my call.

I am in contact with Mr. Nichols and am communicating with him regularly. In the meantime, we are still seeking proposals for performing the work on this site. I have also been communicating with Susan Williams and will follow up with her as things progress.

We are truly sorry for any inconvenience we have caused Mr. Nichols and did mean to breach any codes or compliance issues. It was a mistake for which we are making our best effort to remedy. On a personal note, this has been devastating to me. I just wanted to help a customer. I feel horrible about the whole thing.

Truly,

Harry N. How III

Cc: D. Nichols
S. Williams

Los Rios Community College District
Facilities Management
3753 Bradview Drive
Sacramento, CA. 95827
Phone 916) 856-3400
Fax 916) 856-3456

REQUEST FOR QUOTATION

Date: 12-14-10

From: Dave Nichols

Bids due by: 12-16-10 (NO LATE BIDS ACCEPTED) - BIDS MUST BE RETURNED ON THIS FORM.

Job Description:

- Remove 30 HP Turbine pump from well
- Cap well
- Remove cement stand pipe and all cement piping from site
- Remove power pole & panels

Location: 10051 Big Horn Blvd., Elk Grove Ca 95757

Time/Date to complete work: ASAP

Special Conditions: Schedule all work with Dave Nichols Cell Phone # 916- 317-3436

TOTAL JOB COST $ 3,300.00

THIS BOX MUST BE COMPLETED	
Company Name:	EDWARD R BACON CO INC
Contact Person:	HARRY HOWELL III
Signature:	
Phone Number:	(916) 385-6744 Fax Number: (408) 896-1662

8440 - A Belvedere Ave
Salto 95826

PO #
Req #

REQUEST FOR PURCHASE ORDER

FM Employee Dave Nichols Date 12/17/2010

W/O # 17647 Category: Other Prelim Costs
Campus Elk Grove Bldg site

Vendor Edward R Bacon Co Inc
Contact Harry How III
Address 8440-A Belvedere Ave
City/State/Zip Sacramento Ca 95826
Contractors License # Expiration Date

Contractors State License Board: 800 321-2752 or www.cslb.ca.gov

Cost $3,300.00
Start Date Completion Date

Scope of work Remove well pump and cap well, remove power pole and sub panels, demo standpipe and back fil hole, remove all debris from site.

confirming PO ASAP please

Additional Quotes Odells pump @ 8900.00
Goodwell well & Pump- no response

Please provide account name

FM Maintenance

- [ ] FM Material
- [ ] FM Capital Outlay Equipment
- [ ] FM Services/Contracts
- [ ] FM Major Maintenance
- [ ] FM SMSR
- [ ] FM Tools
- [ ] FM HazMat
- [ ] FM Rentals
- [ ] Campus/Site Funded Projects

FM Planning & Construction

- [ ] Master Planning
- [ ] Site Acquisition
- [ ] Architectural Fees for Prelim Plans
- [ ] Architectural Fees for Working Drawings
- [ ] Project Management
- [ ] DSA Plan Check Fee
- [ ] CCCCO Plan Check Fee
- [ ] Preliminary Tests
- [x] Other Preliminary Costs
- [ ] Construction Contracts
- [ ] Testing, Construction
- [ ] Inspection, Construction
- [ ] Contingency
- [ ] Construction Management
- [ ] Architectural Oversight
- [ ] All Other (see FM/SFP accts)

LOS RIOS COMMUNITY COLLEGE DISTRICT

PURCHASING: (916) 568-3071 ACCOUNTING: (916) 568-3065
FAX: (916) 568-3145

PURCHASE ORDER NO 0003013078

PLEASE SEE REVERSE SIDE FOR SPECIAL INSTRUCTIONS, TERMS AND CONDITIONS.

Date	Revision	Page
12/17/2010		1
Payment Terms	**Freight Terms**	**Ship Via**
NET 30	Shipping Point	Best Metho
Reference:		**Location / Dept**
3003217 NICHOLS DEBERARJ		03PFAC

Vendor: 0000006573
EDWARD R. BACON COMPANY, INC.
P O BOX 21550
SAN JOSE CA 95151-1550

Ship To: LRCCD FACILITIES MANAGEMENT
3753 BRADVIEW DRIVE
SACRAMENTO CA 95827
United States

Bill To: 1919 Spanos Court
Sacramento CA 95825-3981
United States

Tax Exempt? N

Line-Sch	Item/Description	Quantity	UOM	PO Price	Extended Amt	Due Date
1- 1	WO17647 CRC EG CTR - REMOVE WELL PUMP (CAP WELL) POWER POLE, SUB PANELS, DEMO STANDPIPE (BACKFILL HOLE) PER QUOTE 12.14.2010	1.00	JOB	3,300.00	3,300.00	12/20/2010

CONFIRMING DO NOT DUPLICATE

PER PO TERMS AND CONDITIONS ITEM #21 CONTRACTOR IS TO PROVIDE PROOF OF INSURANCE CERTIFICATES LISTING LRCCD AS ADDITIONALLY INSURED.

Sub Total Amount	3,300.00
Sales Tax Amount	0.00
Total PO Amount	3,300.00

BU	Acct	Fd	Org	Prog	Sub	Proj	Amount	BYear
COFFD	6200	43	CR.FM.PLAN	71000	00035	221T	3,300.00	2011

0003003217CLINCHYD17-DEC-2010

Verification of this purchase order can be made using the Los Rios Community College District web site listed below. If you have any questions, please contact the Purchasing Office at (916)568-3071.

http://www.losrios.edu/purchasing/povalidation

All shipments, invoices, and correspondence must be identified with our Purchase Order Number. Overshipments will not be accepted unless authorized by Buyer prior to shipment.

Authorized Signature

Notice to vendor: You are responsible for delivering goods and delivery documents to the Receiving Department at the site. Failure to do so will delay payment processing. Vendor is responsible for obtaining verification of delivery by authorized Receiving Room personnel. Receipt of goods by other parties and failure to obtain authorized signatures may also delay payment. NOTE: PAYMENT TERMS NET 30
MATERIAL SAFETY DATA SHEETS (MSDS) must be provided with the delivery of product as required by law.

CONSTRUCTION ERBCo EQUIPMENT

Edward R. Bacon Company Inc.

8440 A Belvedere Ave
Sacramento, CA 95826
Phone 916-383-8250
Fax 916-381-1386

255 Fitzgerald Avenue
San Martin, CA 95046
Phone 408-846-1600
Fax 408-846-1662

INVOICE

Invoice Number: 29595
Invoice Date: 12/27/10

Bill To:	Deliver To:
LOS RIOS COMMUNITY COLLEGE DISTRICT FACILITIES MANAGEMENT 3753 BRADVIEW DRIVE SACRAMENTO, CA. 95827 ATTN. DAVE NICHOLS	10051 BIG HORN BLVD. ELK GROVE, CA. 95757

Your Purchase Order Number	F. O. B.	Ship Via	Terms
0003013078	ELK GROVE	ERBCO	UPON RECEIPT

Quantity	Part Number	Description	Unit Price	Total Price
1	WELL PUMP	REMOVE 30 HP TURBINE PUMP FROM WELL, CAP	3,300.00	3,300.00
		WELL, REMOVE CEMENT STAND PIPE AND ALL		
		CEMENT PIPING FROM SITE. REMOVE POWER		
		POLE AND PANELS.		
			1-3-2011	
		PURCHASE ORDER - 0003013078	[signature]	
		REQUISITION - 0003003217		
		WORKORDER - 17647		

Subtotal	3,300.00
Freight	0
Tax @	0
Miscellaneous	0
Balance Due	3,300.00

Please Remit To:
Edward R. Bacon Company
P. O. Box 50
San Martin, CA 95046

C 41
D 21 pump & motor.

Countywide Services Agency

Environmental Management Department

Environmental Compliance Division
Elise Rothschild, Chief

County of Sacramento

Steven C. Szalay, Interim County Executive
Bruce Wagstaff, Agency Administrator
Val F. Siebal, Department Director

February 3, 2011

Harry Nash How III, RMO/CEO/President
Edward R. Bacon Company, Inc.
650 Lighthouse Avenue #250
Pacific Grove, CA 93450

CERTIFIED MAIL: 7001 1940 0000 7703 6296

Dear Mr. How:

SUBJECT: NOTICE OF VIOLATION OF SACRAMENTO COUNTY CODE, CHAPTER 6.28 – WELLS AND PUMPS, AND NOTIFICATION OF POTENTIAL FILING OF ADMINISTRATIVE ENFORCEMENT ORDER (WP0047528)

The Environmental Management Department (EMD) has received an application for a supply well inactivation from David Nichols with Los Rios Community College District (LRCCD). The supply well is located at **0 POPPY RIDGE ROAD, ELK GROVE, CA 95757 (AKA 10051 BIG HORN BOULEVARD, ELK GROVE, CA 95757; APN 132-2140-002-0000).** In an effort to satisfy the requirements contained in the California Health & Safety code and the Sacramento County Code with respect to supply well inactivation, LRCCD solicited bids for the removal of a turbine pump in the well, placement of a cap over the well casing, and removal of concrete, a power pole, an electrical panel and debris from the well site. Edward R. Bacon Company, Inc. (ERBCO) received the contract from LRCCD for this work. On or about December 23, 2010, ERBCO completed activities at the site that were not in conformance with the scope of work identified in LRCCD bid documents, including the removal of a portion of the well casing, the placement of ¼" – ½" rock inside the well casing, and the burial of the well with wood, leaves, mud and debris.

Based upon the information in the record to date, EMD is preparing to take administrative action to assess appropriate penalties and ensure code compliance. This action will address violations of our well ordinance (Sacramento County Code, Title 6, Chapter 6.28 "Wells & Pumps"), which requires well owners, licensed well contractors, and their authorized agents to comply with all provisions contained in the ordinance to ensure that the groundwater of Sacramento County will not be polluted or contaminated by improper well construction, modification, repair, inactivation, or destruction, or by improper pump installation. The following potential violations have been identified:

- FAILURE TO OBTAIN A PERMIT: Sacramento County Code, Chapter 6.28, Section 6.28.030.A prohibits the construction, repair, modification, inactivation or destruction of a well without an EMD permit. On or about December 23, 2010, based on photographic evidence and information you and LRCCD have provided to us verbally, you modified or destroyed a well without an EMD permit.

- FAILURE TO POSSESS A VALID C-57 LICENSE: Sacramento County Code, Chapter 6.28, Section 6.28.030.a.1 prohibits the construction, repair, modification, or destruction of a well without a valid C-57 contractor's license. Your license has a B classification (general building contractor) and a C10 classification (electrical) but it does not include the C-57 classification. On or about December 23, 2010, you modified or destroyed a well without a valid C-57 license.

- FAILURE TO COMPLY WITH CALIFORNIA WELL STANDARDS: Sacramento County Code, Chapter 6.28, Section 6.28.040 contains standards for the construction, repair, modification, inactivation and destruction of supply wells. On or about December 23, 2010, you modified or destroyed a well without complying with those standards.

YOU ARE HEREBY DIRECTED TO PREPARE A WRITTEN STATEMENT OF THE FACTS PERTAINING TO THIS CASE AND SUBMIT THAT STATEMENT TO THE EMD ON OR BEFORE FEBRUARY 10, 2011. SUPPORTING DOCUMENTATION SHALL INCLUDE RECEIPTS FOR ANY AND ALL MATERIALS USED IN THE MODIFICATION OR DESTRUCTION OF THIS WELL.

Once we have evaluated your written statement, you will receive further direction regarding how best to achieve code compliance in this matter. In the meantime, it is in your best interest to solicit cost estimates for the reparation or legal destruction of this well. It is likely that the most efficient remedy will be to legally destroy the well, rather than attempting to restore the well to an inactive condition. **The maximum penalty for violation of any provision of the Sacramento County Code, Chapter 6.28, is $10,000.00 per well, per day of violation.** The Sacramento County Well and Pump Ordinance is available for your review online at http://qcode.us/codes/sacramentocounty.

Thank you for your prompt attention to this matter. If you have any questions, please feel free to contact Ms. Susan Williams of my staff at (916) 875-8452.

Sincerely,

ORIGINAL SIGNED BY:

Elise Rothschild
Chief, Environmental Compliance Division

ER:BIM:SBW:gfb

c: David Nichol, LRCCD

Edward R. Bacon Company
Mailing Address: PO Box 50. San Martin, CA. 95046
255 Fitzgerald Avenue, San Martin, CA. 95046
Phone: 408-288-9500/408-846-1600
Fax: 408-846-1662

To: Susan Williams
Fr: Harry How
Re: Detail Statement of Facts/ Poppy Ridge Road
Dated 2/23/2011

Dear Susan,

The purpose of this letter is to further detail our statement of facts with notes I have generated from information given to me from the crew sent out to perform the work at Poppy Ridge Road at the Los Rios School District. This represents to the best of my knowledge what happened at the project sight for work related to the well.

Remove 30 HP pump from Well: I was told that the pump motor was removed from its stand by unbolting it and lifting it from its base with a backhoe. The pump turbine shaft was left intact and inside the well casing.

Removal of Concrete Base: The concrete base that the pump motor stood on was removed by jack hammering. The casing and the shaft were cut approximately (3) feet below existing grade. Then (2) chunks of concrete from the concrete base were placed and wedged approximately (2) feet down inside the well casing to serve as I have been told as a base for rock material to sit on.

Rock in the well casing: It is my understanding that the well casing was then filled with about (2) feet of rock material varying in sizes from 1.5" to .25" and that this material filled the well casing above where the concrete pieces had wedged inside the well casing. A piece of carpet along with a wheel rim was placed over the well casing and the balance of the rock material was spread on top and around the well casing to serve as a gravel pad around the well. Finally the area around the well was covered with about 18" of dirt. Any remaining rock material was spread out next to dirt access road at the project site.

I asked the men performing the work how much material would they estimate was placed into the well? They told me not much since they only filled a couple of feet of the casing above where the concrete was wedged inside the casing then used the balance of the material for back fill. They indicated to me that they had purchased approximately (1) yard of rock material. I asked them if they heard any sounds of water inside the casing or sounds of rocks falling a distance into the well and they indicated that they did not. They informed me that the well was dry and they did not hear any sounds or indication of water.

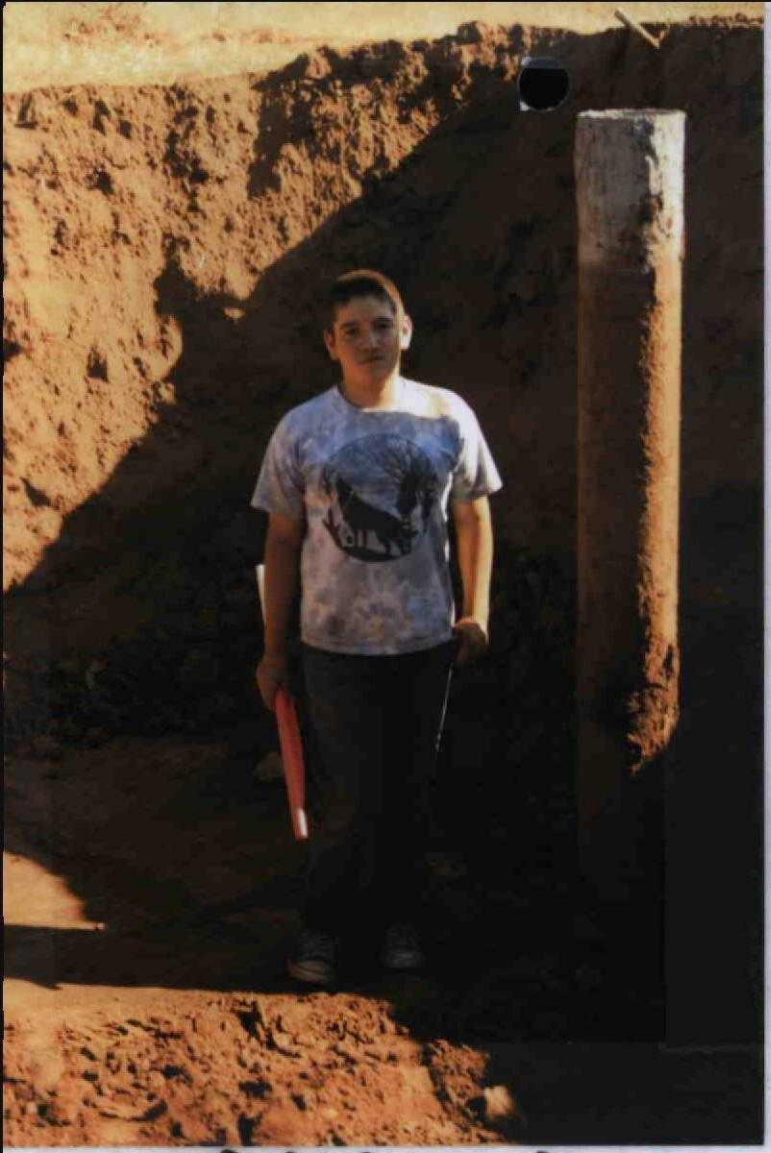
Bill of Materials: I have repeatedly requested that the crew that performed the work produce for me a receipt for the rock material used to back fill the site. To date they have not provided me any copies of receipt(s) and therefore cannot forward you any copies of same, despite my best efforts. I will continue trying however.

The above represents to the best of my knowledge what occurred on the well site at Poppy Ridge Road. Should you have any further questions please do not hesitate to call.

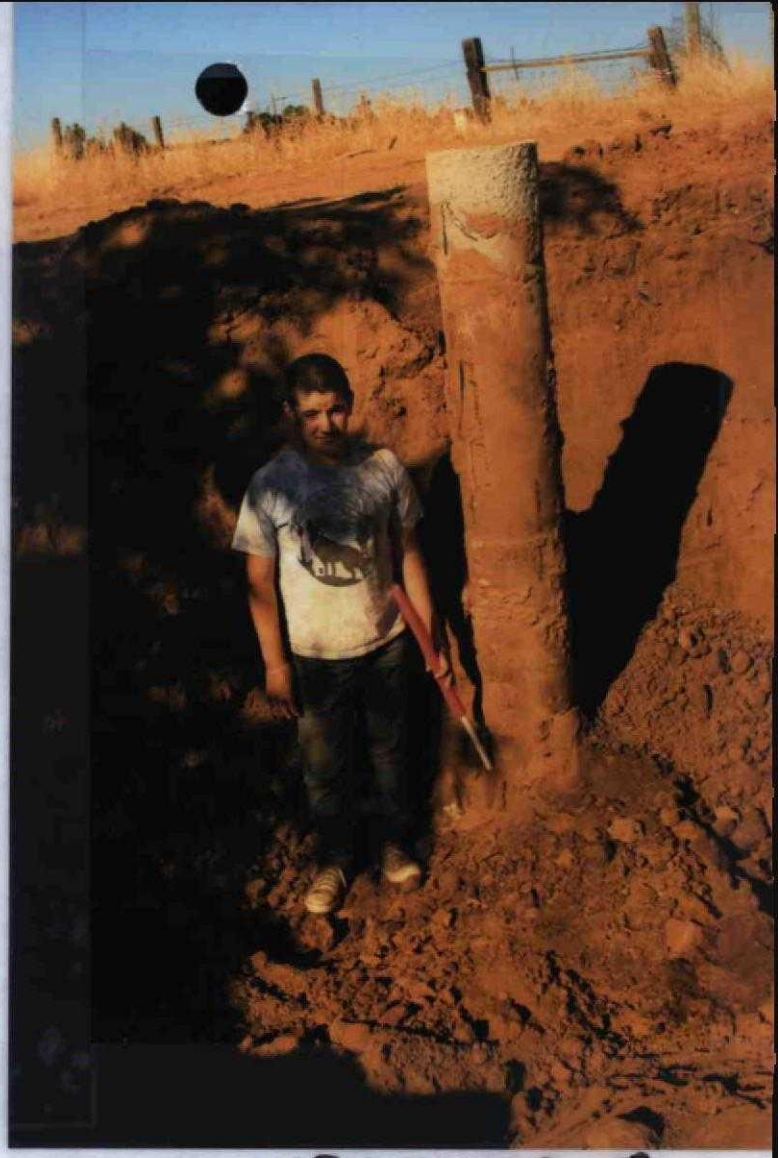
Truly,

Harry N. How III

Cc: David Nichols



WP48972 ↑



WP47528 ↑

10" →
47528

← 8"
48972

WELL APPLICATION AND PERMIT FORM

ENVIRONMENTAL MANAGEMENT DEPARTMENT – ENVIRONMENTAL COMPLIANCE DIVISION
10590 ARMSTRONG AVENUE • SUITE A • MATHER CA 95655
TELEPHONE (916) 875-8400 FAX: (916) 875-8513

WP0047528
1-3-11

WELL INSPECTION LINE: (916) 875-8524

IS THIS PERMIT FOR A HAZARDOUS SUBSTANCE INVESTIGATION? ☐ YES ☐ NO

FOR OFFICE USE ONLY		EXPEDITED PROCESSING? ☐ YES ☐ NO	
☐ APPROVED ☐ APPROVED W/CONDITIONS (ATTACHED)		PERMIT NUMBER(S): 47528	
BY:	DATE:	DATE RECEIVED: 1-3-11	TOTAL FEE: 0
INITIAL GROUT BY:	DATE:	RECEIPT NO: Fee Waiver	DEPTH TO WATER:
FINAL INSPECTION BY:	DATE:	WELL DEPTH:	GROUT DEPTH:
DESTRUCTION BY:	DATE:	GPS: N: 38	W: -121
COMMENTS:			

SITE ADDRESS: (aka 10051 Bighorn Blvd, Elk Grove 95757)	
Job Address: 0 Poppy Ridge Rd Elk Grove, CA 95625	Nearest Major Cross Street: WHITELOCK PARKWAY
Property Owner: Los Rios Community College District	Parcel Number(s): 132-2140-002
Well Contractor:	CA License No.:
Contractor's Address:	
Well/Boring Identification Number(s):	

TYPE OF WORK: (California C-57 License required unless otherwise)
☐ Well construction ☐ Variance (use General A or B) ☐ Well destruction (SUPPLEMENT REQUIRED)
☐ Pump replacement (or C-61) ☐ Well repair ☐ Exploratory boring (CPT if water present)
☑ Well inactivation (Owner only) ☐ Pump repair (C-61) ☐ Other:

Change to Destruction permit

INTENDED USE:
☐ Domestic/private ☐ Dewatering ☐ Geotechnical boring
☐ Irrigation/agricultural ☐ Cathodic protection ☐ Environmental boring
☐ Water/vapor monitoring/extraction ☐ Heat exchange ☐ Other: N/A
☐ Public water system:
(NAME OF WATER PURVEYOR WITH CONTACT NAME AND TELEPHONE NUMBER)

DRILLING METHOD:
☐ Mud rotary ☐ Air Rotary ☐ Cable tool ☐ Auger ☐ Driven ☐ Other:

SETBACKS: (Wells only)
Is the well located within 50 feet of a: ☐ sewer line, ☐ stream, ☐ ditch, ☐ drainage course, ☐ pond or ☐ lake? ☑ No
Is the well located within 100 feet of a: ☐ septic tank, ☐ leach line, ☐ deep trench, or ☐ animal enclosure? ☑ No

Destroyed 6-22-11

SPECIFICATIONS:
BOREHOLE: Diameter: Depth: CASING: Diameter: Depth:
Diameter: Depth: CASING: Diameter: Depth:
CONDUCTOR: Diameter: Depth: STEEL: Gauge: or Thickness:
ANNULAR SEAL: Depth: Material: IF PLASTIC: Type: (Must meet ASTM F-480)
TRANSITION SEAL: Material: MULTIPLE COMPLETION? ☐ Yes (DIAGRAM REQUIRED)
COMMENTS:

PUMP INSTALLATION/REPAIR:
Contractor:
License Number: Type of Pump: Horsepower:

I will comply with all Codes, Rules and Regulations of the State and County pertaining to or regulating wells and pumps, **call (916) 875-8524 for a grout inspection at least 24 hours prior to the requested appointment time**, submit a "Well Completion Report" (if required) within 60 days of the completion of my work so a final inspection can be made, and obtain WPD approval before placing a well in service.

SIGNATURE: David Mitchell ☑ Property Owner
PRINTED NAME: DAVID MITCHELL ☐ Well Contractor
COMPANY: Los Rios Community College ☐ Agent (REQUIRES AUTHORIZATION FORM)
MAILING ADDRESS: 3753 BEAUVIEW Dr Rocklin Ca 95677
PHONE NUMBER: 916-856-3480 856-3420 FIELD PHONE: 916-317-3636

A SITE PLAN MUST BE SUBMITTED WITH EACH APPLICATION.
PERMIT EXPIRES ONE (1) YEAR AFTER DATE APPROVED (UNLESS EXTENDED)

Ready for Final

Christy. Lisa

From: Nichols, Dave [nichold@losrios.edu]
Sent: Monday, January 03, 2011 12:50 PM
To: Christy. Lisa
Subject: RE: SUPPLY WELL INACTIVATION PERMIT FOR ABANDONED WELL
Attachments: Scan001.pdf

Lisa,
Per your directions I sent via fax the filled out application for the permit that you were so kind as to wave the fees. Per the attached you will see our purchase order, billing from vendor & pictures of the site once it was all removed. Please let me know how to proceed. Thanks for your assistance with this project.

From: Christy. Lisa [mailto:ChristyL@saccounty.net]
Sent: Thursday, November 18, 2010 2:01 PM
To: Nichols, Dave
Subject: SUPPLY WELL INACTIVATION PERMIT FOR ABANDONED WELL

Attached is the general information sheet for what is needed to inactivate your well located at 0 Poppy Ridge Rd. in Elk Grove. I found out the "cauldron" is actually called a stand pipe and nothing needs to be done with it. If you have any other questions, let me know. I'll be out of the office tomorrow, but will return on Monday. Thanks.

Lisa Christy
County of Sacramento
Environmental Management Department
Environmental Compliance Division
(916) 875-8466
(916) 875-8524 (Well Inspection Line)
(916) 875-8513 (Fax)

COUNTY OF SACRAMENTO EMAIL DISCLAIMER:
This email and any attachments thereto may contain private, confidential, and
privileged material for the sole use of the intended recipient. Any review,
copying, or distribution of this email (or any attachments thereto) by other
than the County of Sacramento or the intended recipient is strictly prohibited.

If you are not the intended recipient, please contact the sender immediately
and permanently delete the original and any copies of this email and any attachments thereto.

01/03/2011

01/03/2011

01/03/2011

01/03/2011

Edward R. Bacon Company Inc.

8440 A Belvedere Ave
Sacramento, CA 95826
Phone 916-383-8250
Fax 916-381-1386

255 Fitzgerald Avenue
San Martin, CA 95046
Phone 408-846-1600
Fax 408-846-1662

INVOICE

Invoice Number: 29595
Invoice Date: 12/27/10

Bill To:	**Deliver To:**
LOS RIOS COMMUNITY COLLEGE DISTRICT FACILITIES MANAGEMENT 3753 BRADVIEW DRIVE SACRAMENTO, CA. 95827 ATTN. DAVE NICHOLS	10051 BIG HORN BLVD. ELK GROVE, CA. 95757

Your Purchase Order Number	F. O. B.	Ship Via	Terms
0003013078	ELK GROVE	ERBCO	UPON RECEIPT

Quantity	Part Number	Description	Unit Price	Total Price
1	WELL PUMP	REMOVE 30 HP TURBINE PUMP FROM WELL, CAP	3,300.00	3,300.00
		WELL, REMOVE CEMENT STAND PIPE AND ALL		
		CEMENT PIPING FROM SITE. REMOVE POWER		
		POLE AND PANELS.		
		PURCHASE ORDER - 0003013078		
		REQUISITION - 0003003217		
		WORKORDER - 17647		

Subtotal	**3,300.00**
Freight	**0**
Tax @	**0**
Miscellaneous	**0**
Balance Due	**3,300.00**

Please Remit To:

Edward R. Bacon Company
P. O. Box 50
San Martin, CA 95046

LOS RIOS COMMUNITY COLLEGE DISTRICT

PURCHASING: (916) 568-3071 ACCOUNTING: (916) 568-3065
FAX: (916) 568-3145

PURCHASE ORDER NO 0003013078

PLEASE SEE REVERSE SIDE FOR SPECIAL INSTRUCTIONS, TERMS AND CONDITIONS.

Date	Revision	Page
12/17/2010		1
Payment Terms	**Freight Terms**	**Ship Via**
NET 30	Shipping Point	Best Metho
Reference:		**Location / Dept**
3003217 NICHOLS DEBERARJ		03PFAC

Vendor: 0000006573
EDWARD R. BACON COMPANY, INC.
P O BOX 21550
SAN JOSE CA 95151-1550

Ship To: LRCCD FACILITIES MANAGEMENT
3753 BRADVIEW DRIVE
SACRAMENTO CA 95827
United States

Bill To: 1919 Spanos Court
Sacramento CA 95825-3981
United States

Tax Exempt? N

Line-Sch	Item/Description	Quantity	UOM	PO Price	Extended Amt	Due Date
1- 1	WO17647 CRC EG CTR - REMOVE WELL PUMP (CAP WELL) POWER POLE, SUB PANELS, DEMO STANDPIPE (BACKFILL HOLE) PER QUOTE 12.14.2010	1.00	JOB	3,300.00	3,300.00	12/20/2010

CONFIRMING DO NOT DUPLICATE

PER PO TERMS AND CONDITIONS ITEM #21 CONTRACTOR IS TO PROVIDE PROOF OF INSURANCE CERTIFICATES LISTING LRCCD AS ADDITIONALLY INSURED.

Sub Total Amount	3,300.00
Sales Tax Amount	0.00
Total PO Amount	3,300.00

BU	Acct	Fd	Org	Prog	Sub	Proj	Amount	BYear
COPFD	6200	43	CR.FM.PLAN	71000	00035	221T	3,300.00	2011

0003003217CLINCHYD17-DEC-2010

Verification of this purchase order can be made using the Los Rios Community College District web site listed below. If you have any questions, please contact the Purchasing Office at (916)568-3071.

http://www.losrios.edu/purchasing/povalidation

All shipments, invoices, and correspondence must be identified with our Purchase Order Number. Overshipments will not be accepted unless authorized by Buyer prior to shipment.

Authorized Signature

Notice to vendor: You are responsible for delivering goods and delivery documents to the Receiving Department at the site. Failure to do so will delay payment processing. Vendor is responsible for obtaining verification of delivery by authorized Receiving Room personnel. Receipt of goods by other parties and failure to obtain authorized signatures may also delay payment. NOTE: PAYMENT TERMS NET 30
MATERIAL SAFETY DATA SHEETS (MSDS) must be provided with the delivery of product as required by law.

General Map Viewer

Rivers

Ortho - Street Names

Freeways

County Boundary Lines

Major Streets

Parcel Boundaries

Information For Parcel:
132-2140-002-0000

PROPERTY INFORMATION

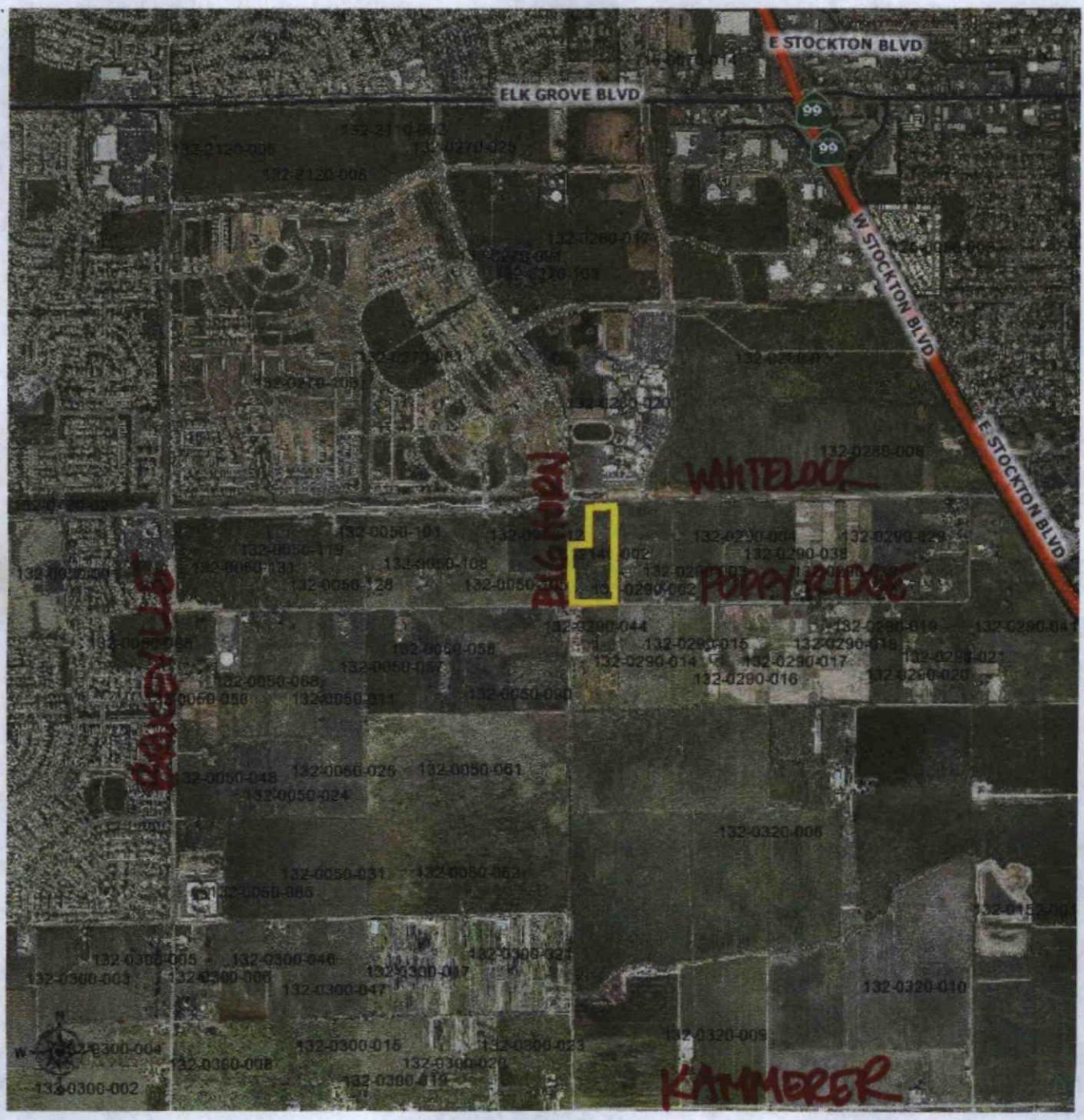
APN	13221400020000
Situs Address	10051 BIG HORN BL
Postal City/St/Zip	ELK GROVE, CA 95757
Thomas Bros	378 E 2
Landuse Code	IABBAA
Jurisdiction	ELK GROVE
Sup. District	5-Don Nottoli

OWNERSHIP INFORMATION

Owner	LOS RIOS COMMUNITY COLLEGE DIST
Owner Mail Address	1919 SPANOS CT
Owner Mail City/St/Zip	SACRAMENTO CA 95825
Property Transfer Info.	View Property Transfer Data
Deed	View Property Transfer Document
Owner History	View Owner History

PARCEL DETAIL LINKS

General Info	View General Parcel Data
Districts	View District Data
Recorded Map	View Recorded Parcel Maps
Assessor Maps	View Assessor Map
Parcel History	View Splits and Merges History Data
Assessment Info	View Assessor Data
Building Permits	No Permit record available.
Parcel Notes	View Parcel Notes
Business Licenses	No Business License Data available.
SHRA Info	View SHRA Data
CUBS Info	No CUBS data available.
Refuse Pickup	No Refuse Pickup schedule available.
Water Meters	No Water Meter Data available.


E STOCKTON BLVD
ELK GROVE BLVD
99
99
W STOCKTON BLVD
E STOCKTON BLVD
WHITELOCK
BIG TURN
POPPY RIDGE
BRAKEVILLE
KAMMERER
132-0290-008
132-0290-004
132-0290-038
132-0290-044
132-0290-015
132-0290-014
132-0290-017
132-0290-016
132-0290-020
132-0050-101
132-0050-119
132-0050-131
132-0050-108
132-0050-128
132-0050-058
132-0050-057
132-0050-068
132-0050-090
132-0050-048
132-0050-025
132-0050-061
132-0050-024
132-0320-006
132-0050-031
132-0050-063
132-0300-005
132-0300-046
132-0300-003
132-0300-006
132-0300-047
132-0320-010
132-0300-015
132-0300-023
132-0300-008
132-0300-002

Department of Consumer Affairs
Contractors State License Board

Contractor's License Detail - License # 906345

DISCLAIMER: A license status check provides information taken from the CSLB license database. Before relying on this information, you should be aware of the following limitations.

CSLB complaint disclosure is restricted by law (B&P 7124.6) If this entity is subject to public complaint disclosure, a link for complaint disclosure will appear below. Click on the link or button to obtain complaint and/or legal action information.

Per B&P 7071.17 , only construction related civil judgments reported to the CSLB are disclosed.

Arbitrations are not listed unless the contractor fails to comply with the terms of the arbitration.

Due to workload, there may be relevant information that has not yet been entered onto the Board's license database.

License Number	**906345** **Extract Date:** 1/19/2011
Business Information	EDWARD R BACON COMPANY INC 650 LIGHTHOUSE AVENUE # 250 PACIFIC GROVE, CA 93450 Business Phone Number:(510) 385-6744
Entity:	Corporation
Issue Date	11/09/2007
Expire Date	**11/30/2011**
License Status	This license is current and active. **All information below should be reviewed.**
Additional Status:	One or more of the classifications on this license may be removed at a future date if the qualifying person is not replaced by 03/29/2011.
Classifications:	**CLASS** **DESCRIPTION** B GENERAL BUILDING CONTRACTOR C10 ELECTRICAL
Bonding:	**CONTRACTOR'S BOND** This license filed Contractor's Bond number **WCL1242875** in the amount of **$12,500** with the bonding company OLD REPUBLIC SURETY COMPANY. **Effective Date:** 10/29/2007 **BOND OF QUALIFYING INDIVIDUAL** 1. The Responsible Managing Officer (RMO) HOW HARRY NASH III certified that he/she owns 10 percent or more of the voting stock/equity of the corporation. A bond of qualifying individual is **not** required. **Effective Date:** 11/09/2007 BQI's Bonding History
Workers' Compensation:	This license has workers compensation insurance with the OAK RIVER INSURANCE COMPANY

8440 A Belvedere Ave
Sacramento CA 95826
(916) 383-8250

Policy Number:2200009438111

Effective Date: 01/01/2011

Expire Date: 01/01/2012

Workers' Compensation History

Personnel listed on this license (current or disassociated) are listed on other licenses.

Personnel List	Other Licenses

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Department of Consumer Affairs
Contractors State License Board

Contractor's License Detail (Personnel List)

Contractor License #: 906345
Contractor Name: EDWARD R BACON COMPANY INC

Click on the person's name to see a more detailed page of information on that person

NAME	TITLE	ASSOCIATION DATE	DISASSOCIATION DATE	CLASS	MORE CLASS
HARRY NASH HOW III	RMO/CEO/PRES	11/09/2007		B	
CHRISTOPHER ROBERT MAHONEY	RME	05/06/2009	09/30/2010	C10	

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Business Entity Detail

Data is updated weekly and is current as of Friday, January 28, 2011. It is not a complete or certified record of the entity.

Entity Name:	EDWARD R. BACON COMPANY, INC.
Entity Number:	C1521561
Date Filed:	12/31/1991
Status:	ACTIVE
Jurisdiction:	CALIFORNIA
Entity Address:	PO BOX 50
Entity City, State, Zip:	SAN MARTIN CA 95046
Agent for Service of Process:	HARRY N HOW II
Agent Address:	650 LIGHTHOUSE AVE
Agent City, State, Zip:	PACIFIC GROVE CA 93950

* Indicates the information is not contained in the California Secretary of State's database.

- If the status of the corporation is "Surrender," the agent for service of process is automatically revoked. Please refer to California Corporations Code section 2114 for information relating to service upon corporations that have surrendered.
- For information on checking or reserving a name, refer to Name Availability.
- For information on ordering certificates, copies of documents and/or status reports or to request a more extensive search, refer to Information Requests.
- For help with searching an entity name, refer to Search Tips.
- For descriptions of the various fields and status types, refer to Field Descriptions and Status Definitions.

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nichd@losrios.edu 47528

Countywide Services Agency

Environmental Management Department

Environmental Compliance Division
Elise Rothschild, Acting Chief

County of Sacramento

Steven C. Szalay, Interim County Executive
Bruce Wagstaff, Agency Administrator
Val F. Siebal, Department Director

~~10/28~~ 11/28
12/28

October 1, 2010

Los Rios Community College District
1919 Spanos Ct.
Sacramento, CA 95825

Dave Nichols
Facilities mngr
856-3420
317-3636 cell

CERTIFIED MAIL NO.: 7001 1940 0000 7703 3608

Dear Sir:

SUBJECT: NOTICE TO COMPLY – ABANDONED WELL PROGRAM
SACRAMENTO COUNTY CODE, CHAPTER 6.28 (WELLS & PUMPS)

With your authorization, on September 28, 2010, a representative of the Sacramento County Environmental Management Department (EMD) discovered an abandoned well(s) or suspected abandoned well(s) at your property located at: **0 POPPY RIDGE RD., ELK GROVE, CA 95825 (APN: 132-2140-0002).**

Sacramento County Code, Chapter 6.28 (Wells & Pumps) contains minimum requirements for the construction, modification, repair, inactivation, and destruction of wells and for the installation of pumps. The California Health & Safety Code and the Sacramento County Code both define "abandoned" or "permanently inactive" wells as wells that have not been used for a period of one year or longer. Both codes mandate the legal destruction of abandoned or permanently inactive wells unless the owner demonstrates intent for future use of the wells by obtaining a well inactivation permit and by maintaining the wells in such a way that the following requirements are met:

- ✓ The well shall not allow impairment of the quality of water within the well and groundwater encountered by the well.
- ✓ The top of the well and the well casing shall be provided with watertight covers that are secured by locks or by other means to prevent their removal without the use of equipment or tools, to prevent unauthorized access, to prevent a safety hazard to humans and animals, and to prevent illegal disposal of wastes into the well.
- ✓ The well shall be marked so as to be easily visible and located, and labeled so as to be easily identified as a well.
- ✓ The area surrounding the well shall be kept clear of brush, debris, and waste materials.

We have enclosed an "Identification Sheet" for each of the wells on the aforementioned property, with specific information for taking appropriate action for each well. Failure to comply with this Notice may result in formal enforcement action pursuant to Chapter 6.28.

If you have any questions regarding this Notice, please contact Susan Williams at (916) 875-8452 or Lisa Christy at (916) 875-8466. You may access documents at our "Well Program" website at: http://www.emd.saccounty.net/WP/EMDwells.htm.

Sincerely,

Barry Marcus, P.G.
Supervising Environmental Specialist
Environmental Compliance Division

BIM:SZ:rjd

Enclosures: Identification Sheet 1
Well Application and Permit Form
AWP Brochure

W:\Data\WELLS\ABANDONED WELLS\NTCs\0 POPPY RIDGE.WP0047528.doc

IDENTIFICATION SHEET 1

Well Record ID: WP00 47528 **Date Discovered:** September 28, 2010

APN: 132 - 2140 - 002 - 0000 **Site Address:** 0 Poppy Ridge Rd.

Well Type: Open Piping (OP) **Safety Hazard:** ○Yes ⊙No

Notes: Panel broken and in pieces. Well pump is intact but there is open piping.

You are hereby directed to complete the following activities within the prescribed timeline:

- Provide a secure cover for the well by N/A ;
- Obtain a permit for the inactivation, repair or destruction of the well by **October 28, 2010** ; and
- Complete the inactivation, repair or destruction of the well by **December 28, 2010** .

Failure to comply with this Notice may result in formal enforcement action, including the imposition of administrative penalties of up to $10,000 per well, per day of violation.

Abandoned Well Identification and Tracking Program Checklist

WP#:	APN:	GPS of Well:
WP0047528	132-2140-050	38.23.521 -121.23.122

Address / Location of Well (include nearest cross-street below):

Poppy Ridge Road - on north side of Road x Street Big Horn
Home Across the street is at "8310" Poppy Ridge

Nearest Cross Street:

Owner of Well : Los Rios Community College Dist 1919 Spanos ct. ~~[illegible]~~ SAC **Initial (verbal) Contact made?** ☒ Yes ☐ No Bill Silva 568-3057

USGS Quadrangle:	Census Tract:	Township:	Range:	Section:
Florin	9604	T6N	R5E	11G

Is this an abandoned well? (Out of service for one year or more). ☒ Yes ☐ No ☐ Unknown

If yes, continue below.

Is there an Inactivation Permit on file? ☐ Yes ☐ No ☒ Unknown

Well Type (Ag, Domestic, Unknown, etc):

Diameter of Well: 12" **or Unknown:**

Is Well Log Available? ☐ Yes ☐ No ☒ Unknown

Features/Description of Well:

Pour Pole Down, Panel broken and in pieces well pump is Intact But there is open Piping

Photos obtained? ☐ Yes ☐ No **Is well readily accessible?** ☐ Yes ☐ No

Are Immediate Health/Safety Risks Evident? (If yes, describe):
☐ Yes ☒ No

Program Element

☐ 4991	Abandoned well - Hand dug	☐ 4994	Abandoned well - Inoperable
☐ 4992	Abandoned well – Open casing	☐ 4995	Geotech
☒ 4993	Abandoned well – Open piping	☐ 4996	Other / Unknown

Other Notes:

Investigated by: [illegible] P **Date:** 9-28-10 **Photos to Imaging?** ☒ Yes ☐ No

04/07/2010 BM:LC:gfb W:\DATA\FORMSARCHIVE\WP\WELLS\ABANDONED WELLS X\ABANDONED WELL ID & TRACK PR CHECKLIST .DOC

County of Sacramento ● Environmental Management Department ● Environmental Compliance Division
10590 Armstrong Ave. Ste. A ● Mather, CA 95655 ● (916) 875-8400 ● 8 am-5 pm

PROPERTY INFORMATION

APN	13221400020000
Situs Address	0 POPPY RIDGE RD
Postal City/St/Zip	ELK GROVE, CA 95757
Thomas Bros	378 E 2
Landuse Code	IABBAA
Jurisdiction	ELK GROVE
Sup. District	5-Don Nottoli

OWNERSHIP INFORMATION

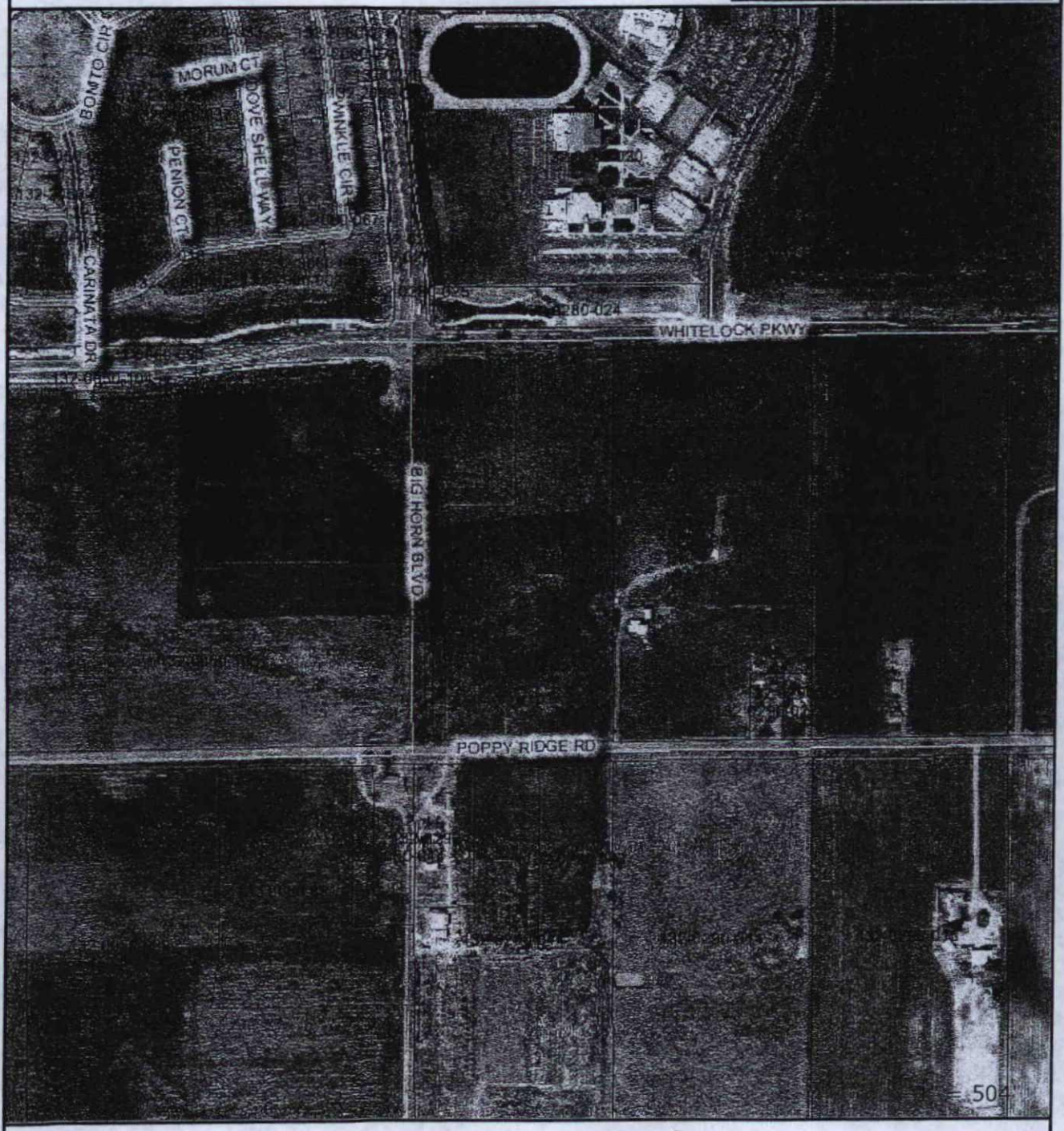
Owner	LOS RIOS COMMUNITY COLLEGE DIST
Owner Mail Address	1919 SPANOS CT
Owner Mail City/St/Zip	SACRAMENTO CA 95825
Property Transfer Info.	View Property Transfer Data
Deed	View Property Transfer Document
Owner History	View Owner History

PARCEL DETAIL LINKS

General Info	View General Parcel Data
Districts	View District Data
Recorded Map	View Recorded Parcel Maps
Assessor Maps	View Assessor Map
Parcel History	View Splits and Merges History Data
Assessment Info	View Assessor Data
Building Permits	No Permit record available.
Parcel Notes	View Parcel Notes
Business Licenses	No Business License Data available.
SHRA Info	View SHRA Data
CUBS Info	No CUBS data available.
Refuse Pickup	No Refuse Pickup schedule available.
Water Meters	No Water Meter Data available.

General Map Viewer

County of Sacramento



Rivers

Ortho - Street Names

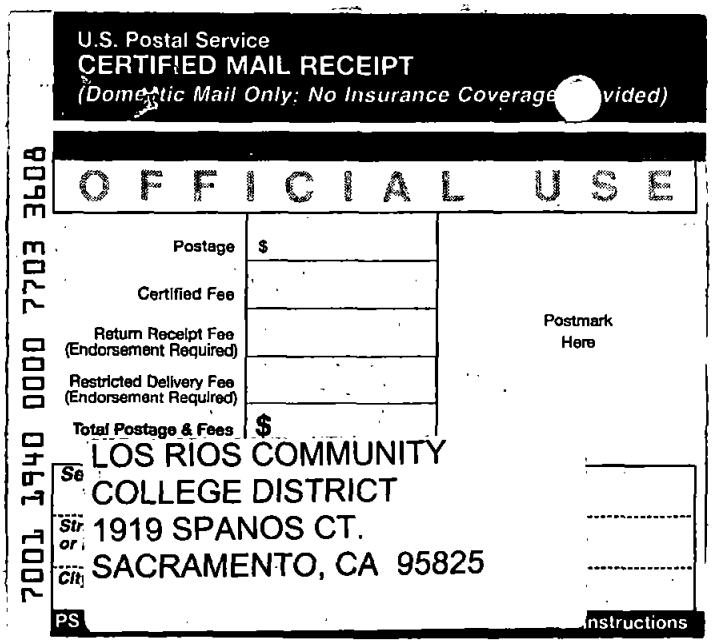
Freeways

County Boundary Lines

Major Streets

Parcel Boundaries

#47528



U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only: No Insurance Coverage Provided)

7001 1940 0000 7703 3608

OFFICIAL USE

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Se
Str or
Cit

LOS RIOS COMMUNITY
COLLEGE DISTRICT
1919 SPANOS CT.
SACRAMENTO, CA 95825

PS Instructions

WELL PERMIT TIME LOG SHEET

FIRST PERMIT: 47528

PAID TIME: Fee Waiver (2 hrs)

SITE ADDRESS: 0 Poppy Ridge Rd. (aka 10051 Big Horn Blvd.)

Los Rios Community College District – 1 Supply Well Inactivation

Date	Specialist	Activity	Hours	Time Remaining
1-10-11	ZBC	Permit processing	.5	1.5
1-19-11	P.W.	Inspection	1	.5

WP0047528

WELL APPLICATION AND PERMIT FORM

ENVIRONMENTAL MANAGEMENT DEPARTMENT – ENVIRONMENTAL COMPLIANCE DIVISION
10590 ARMSTRONG AVENUE · SUITE A · MATHER CA 95655
TELEPHONE (916) 875-8400 FAX: (916) 875-8513

WELL INSPECTION LINE: (916) 875-8524

IS THIS PERMIT FOR A HAZARDOUS SUBSTANCE INVESTIGATION? ☐ YES ☐ NO

AR-64199

FOR OFFICE USE ONLY

☐ APPROVED ☒ APPROVED W/CONDITIONS (ATTACHED)

BY: SON DATE: 4/18/11
INITIAL GROUT BY: _____ DATE: _____
FINAL INSPECTION BY: _____ DATE: _____
DESTRUCTION BY: SON DATE: 6/22/11

COMMENTS: _____

EXPEDITED PROCESSING? ☐ YES ☐ NO

PERMIT NUMBER(S): 47528

DATE RECEIVED: 3/11/11
RECEIPT NO: 279364
WELL DEPTH: _____
GPS: N: 38 _____

TOTAL FEE: $746.00
DEPTH TO WATER: _____
GROUT DEPTH: _____
W: -121 _____

SITE ADDRESS: 10051 BIGHORN BLVD ELK GROVE, CA 95757	
Job Address: 0 POPPY RIDGE RD	Nearest Major Cross Street: BRUCEVILLE RD
Property Owner: LOS RIOS COMMUNITY COLLEGE	Parcel Number(s): 132-2140-002
Well Contractor: RA NIX WELL DRILLING	CA License No.: 376587 EXP 6/30/11
Contractor's Address: PO BOX 495 WILTON, CA 95693	
Well/Boring Identification Number(s): Well #2	

OIC
LBC

TYPE OF WORK: (California C-57 License required unless noted otherwise)

☐ Well construction ☐ Vault box repair (General A or B) ☒ Well destruction **(SUPPLEMENT REQUIRED)**
☐ Pump replacement (or C-61) ☐ Well repair ☐ Exploratory boring (C-57 if water present)
☐ Well inactivation (Owner only) ☐ Pump repair (or C-61) ☐ Other: _____

INTENDED USE:

☐ Domestic/private ☐ Dewatering ☐ Geotechnical boring
☐ Irrigation/agricultural ☐ Cathodic protection ☐ Environmental boring
☐ Water/vapor monitoring/extraction ☐ Heat exchange ☐ Other: _____
☐ Public water system: _____
(NAME OF WATER PURVEYOR WITH CONTACT NAME AND TELEPHONE NUMBER)

DRILLING METHOD:

☐ Mud rotary ☐ Air Rotary ☐ Cable tool ☐ Auger ☐ Driven ☐ Other: _____

SETBACKS: (Wells only)

Is the well located within 50 feet of a: ☐ sewer line, ☐ stream, ☐ ditch, ☐ drainage course, ☐ pond, or ☐ lake? ☐ No
Is the well located within 100 feet of a: ☐ septic tank, ☐ leach line, ☐ deep trench, or ☐ animal enclosure? ☐ No

SPECIFICATIONS:

BOREHOLE: Diameter: _____ Depth: _____
Diameter: _____ Depth: _____
CONDUCTOR: Diameter: _____ Depth: _____
ANNULAR SEAL: Depth: _____ Material: _____
TRANSITION SEAL: Material: _____
COMMENTS: _____

CASING: Diameter: _____ Depth: _____
CASING: Diameter: _____ Depth: _____
IF STEEL: Gauge: _____ or Thickness: _____
IF PLASTIC: Type: _____ (Must meet ASTM F-480)
MULTIPLE COMPLETION? ☐ Yes **(DIAGRAM REQUIRED)**

PUMP INSTALLATION/REPAIR:

Contractor: _____
License Number: _____ Type of Pump: _____ Horsepower: _____

I will comply with all Codes, Rules and Regulations of the State and County pertaining to or regulating wells and pumps, **call (916) 875-8524 for a grout inspection at least 24 hours prior to the requested appointment time**, submit a "Well Completion Report" (if required) within 60 days of the completion of my work so a final inspection can be made, and obtain WPD approval before placing a well in service.

SIGNATURE: _____ ☐ Property Owner
PRINTED NAME: ROBERT A NIX ☒ Well Contractor OIC LBC
COMPANY: RA NIX WELL DRILLING ☐ Agent **(REQUIRES AUTHORIZATION FORM)**
MAILING ADDRESS: PO BOX 495 WILTON, CA 95693
PHONE NUMBER: _____ FIELD PHONE: 916-761-0919
✓ robertallen.nix@gmail.com

A SITE PLAN MUST BE SUBMITTED WITH EACH APPLICATION.
PERMIT EXPIRES ONE (1) YEAR AFTER DATE APPROVED (UNLESS EXTENDED)

ENVIRONMENTAL MANAGEMENT DEPARTMENT
WATER PROTECTION DIVISION
8475 JACKSON ROAD, SUITE 240
SACRAMENTO CA 95826-3904
(916) 875-8400

47528
Well #2

WELL DESTRUCTION SUPPLEMENT

Note: **A copy of the original "Well Completion Report" (DWR Form 188) or equivalent shall be submitted for each well under consideration for a destruction permit.**

TYPE OF WELL: 132-2140-002 10051 BIGHORN BLVD

☐ Domestic/private ☐ Dewatering ☐ Monitoring/extraction

☐ Cathodic protection ☒ Irrigation/agricultural 12/10 ☐ Other: _____

EXISTING WELL CONSTRUCTION DETAILS:

☒ Open bottom ☐ Filter Pack ☐ Uncased ☐ Other: _____

PROPOSED DESTRUCTION SPECIFICATIONS:

☒ Pressure grout from 47 feet below ground surface (bgs) to 5 feet bgs.

☒ ~~Overdrill~~ Remove all casing and well materials from 5 ft bgs to existing grade.

☒ Casing perforation from _____ ft bgs to _____ ft bgs by one of the following methods:

☐ Mills knife: _____ cuts every _____ feet;

☒ Explosives: ☒ Detonation cord: Placement from 0 ft bgs to 47 feet bgs.

☒ Boosters: Placement every 10 ft from 20 ft bgs to 47 ft bgs.

☒ Other: extra booster @ 47ft bgs (obstruction)

☒ Sealing Material: ☐ Neat cement (5-6 gal H_2O per 94 lb cement) ☒ Sand-cement slurry (10.3 sack mix)

☐ Cement with up to 5% bentonite (w/w) ☐ Concrete

☐ Bentonite: ☐ Chips/Pellets Product: _____

☐ Slurry Product: _____

☒ Estimated void volume (well casing, borehole, and filter pack voids) "100%" = 0.95 cy

WELL # 1 8" WELL # 2 12"/10"

FOR OFFICE USE ONLY

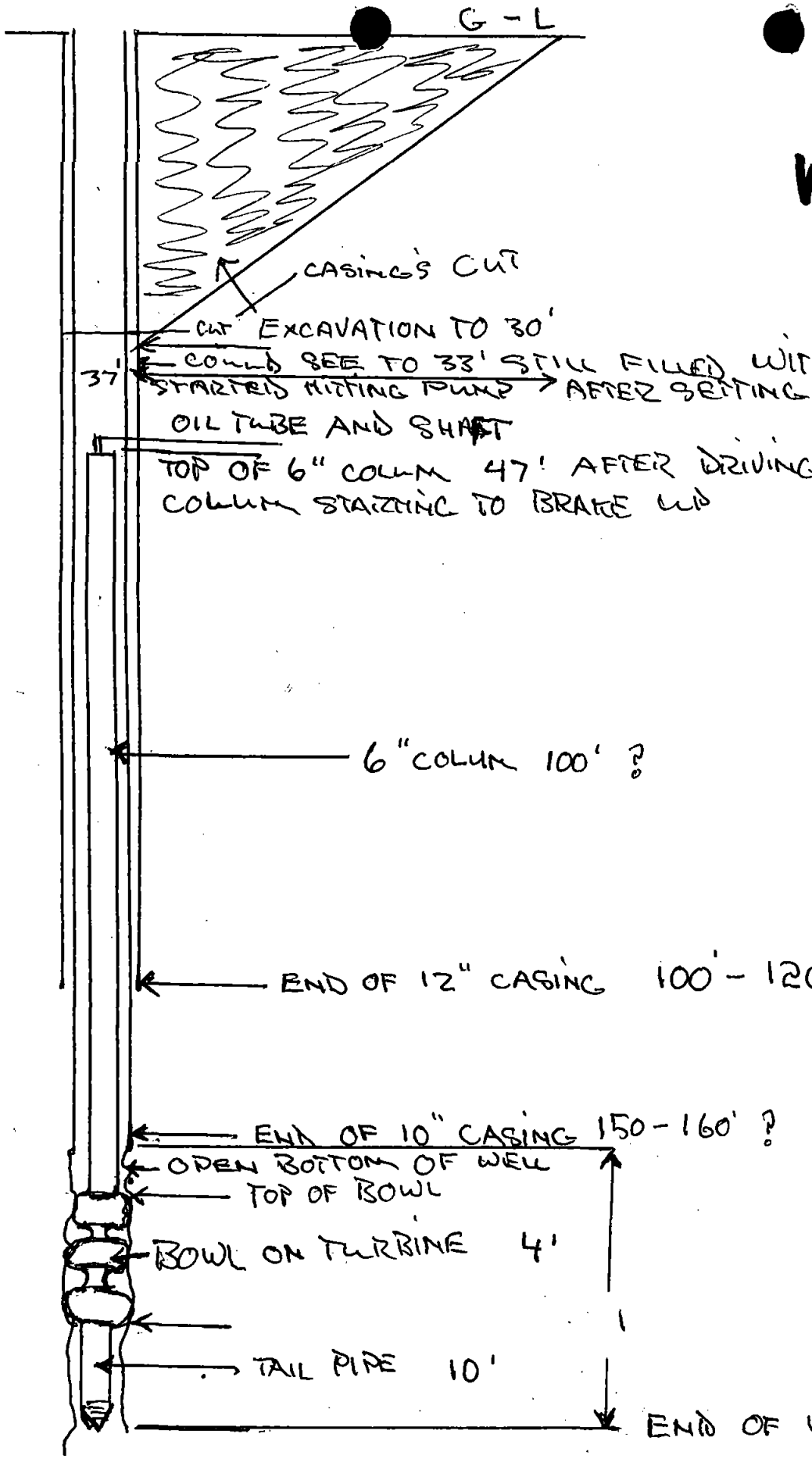
Comments: TBA - Conditional approval SBW

01 SBW

$V = \pi (5/12 ft)^2 (47 ft) = 25.63 ft^3 \approx 0.95 cy$

$V = \pi (5/12 ft)^2 (12 ft) = 2.72 ft^3 \approx 0.1 cy$

POPPY RIDGE RD



WP 47528

DURING TRYING TO DRILL OUT RUBBLE AND DRIVE DOWN PUMP WE MIXED 5 SACKS OF CLAY DRILLING MUD

ENVIRONMENTAL MANAGEMENT DEPARTMENT
ENVIRONMENTAL COMPLIANCE DIVISION

10590 ARMSTRONG AVENUE, SUITE A
MATHER CA 95655
(916) 875-8400

ENVIRONMENTAL COMPLIANCE SITE PLAN
FOR WELL AND SEWAGE DISPOSAL SYSTEM PERMITS

STREET ADDRESS: 10051 BIGHORN BLVD DATE: 3-7-2011

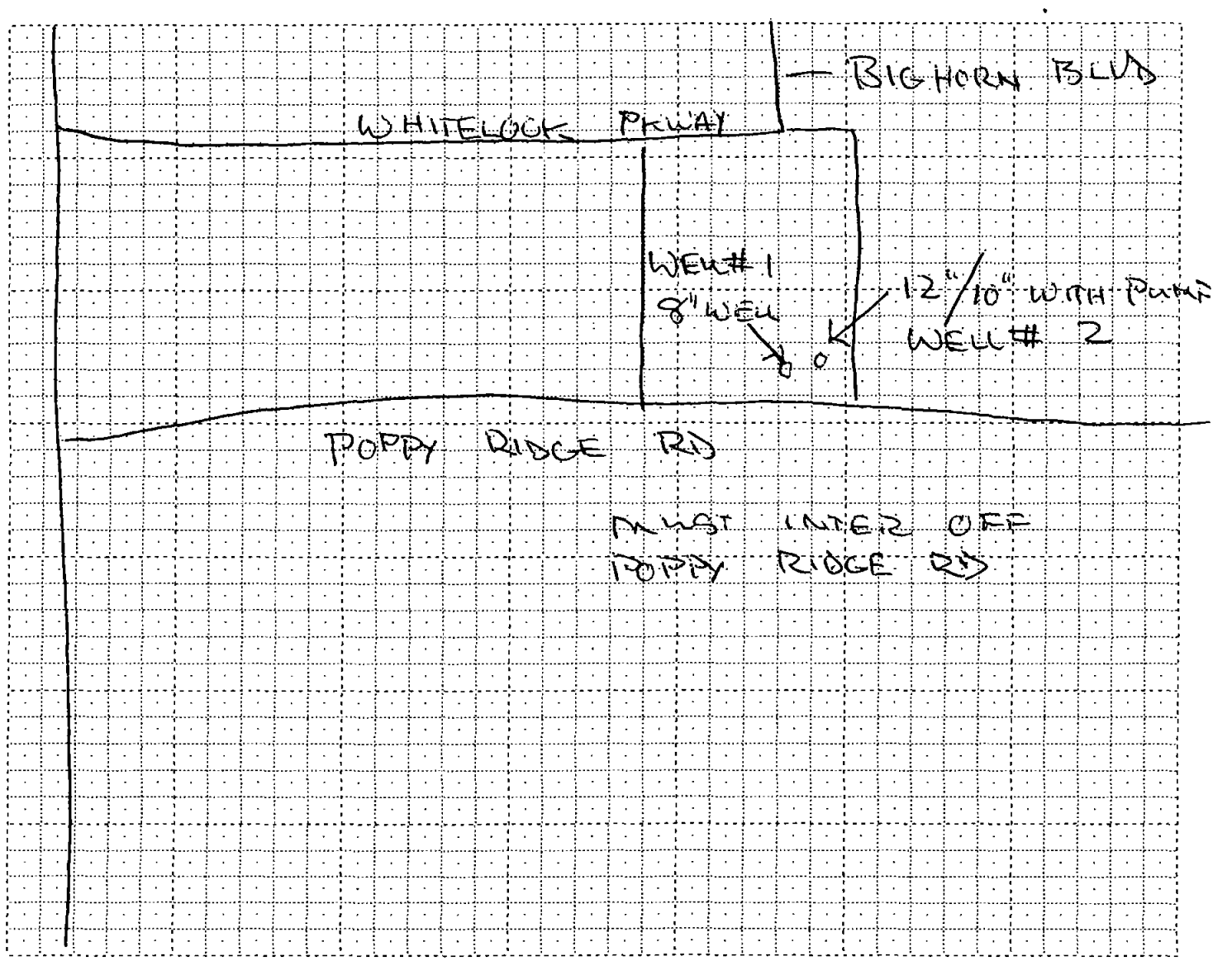
OR PARCEL NUMBER: 132-2140-002 AND STREET NAME: _____

CENSUS TRACT: _____ CONTRACTOR: NIX PERMIT #: 47528

SHOW PARCEL DIMENSIONS, STREETS, STRUCTURES, CONTOURS, LOCATION OF WELLS AND SEPTIC SYSTEMS (SHOW LAYOUT OF SEPTIC SYSTEM). SHOW DISTANCE (IN FEET) FROM SEPTIC AND/OR WELL TO: WATER COURSES, SEPTIC TANKS, LEACHING AREAS, PROPERTY LINES, SEWER LINES AND WATER WELLS (ALSO WELLS AND SEPTIC SYSTEMS WITHIN SETBACK DISTANCES ON ADJACENT PROPERTY). SITE PLAN MUST BE ACCURATE TO ALLOW SYSTEM OR WELL TO BE LOCATED AT A FUTURE DATE.

WILL SYSTEM OR WELL BE INSTALLED IN 100 YEAR FLOODPLAIN? YES ☐ NO ☒

N



W

S

WATER WELL TECHNOLOGY, INC. / WELENCO
License No. C57-731133
5201 Woodmere Drive Bakersfield CA, 93313
Phone: (800) 961-9355 Fax: Sacramento: (916) 480-0839 Bakersfield (661) 834-8100

47528

Date: June 20, 2011

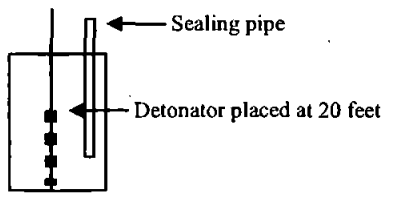
BLASTING WORK PLAN

Well: Los Rios Community College ~~Well 1~~ Well #2

Location: Sacramento Co

Plan date and time : Pending

Casing 10.75 -inch OD steel to 47 feet



Booster Placement
Start 20 feet
Intervals 10 feet
End 47 feet

20
30
40
@47'

Extra Booster Placement
Start 47 feet
Intervals 0 feet
End 47 feet

Detonating Cord
Start 20 feet
Intervals every foot
End 47 feet
Strength 50 grain

Total Explosives
1.84 lbs.

Boosters			
Density g/cc	1.55	g/cc	
Detonation Velocity	24,000	ft/s	7,315 m/s
Casing Diameter	**10**	inches	
Charge Wt.	**0.15**	**Kg**	150 grams
Detonation pressure	207	k/bar	
Total energy ea.	13,997	k/bar	
Pressure at casing	26.73	k/bar	400,148 psi
Pressure at 10 feet	0.00		29 psi
Explosive Cord			
Density g/cc	1.60	g/cc	
Detonation Velocity	22,000	ft/s	6,706 m/s
Casing Diameter	**10**	inches	
Grains	**50**	gr/ft	3.24 g/ft
Detonation pressure	**180**	**k/bar**	
Total energy pef ft.	**22**	**k/bar**	
Pressure at casing	**0.28**	**k/bar**	**4,165 psi**

***These are estimated pressure for a empty well**

Site procedure

1. Check site and measure well depth
2. Clear work site of all unessential personal
3. Lower charges and drop pipe into the well
4. Pump sealing material to top of well
5. Check and clear blast area (sound blast warning)
6. Arm explosives
7. Confirm area clear (final blast warning)
8. Detonate charge
9. Check hole and sound all clear
10. Refill cement to top of well to form a mushroom cap

Predicted Casing Condition: I expect to see massive casing damage at 47 feet with large holes created between 15 feet and 47 feet.

Name of Blaster Preparing Plan: Tylor McMillan

*Water Well Technology / Welenco Reserves the right to change or modify the charge in any way necessary to maintain the safety of all personnel onsite and in surrounding areas.

Countywide Services Agency

Environmental Management Department

Environmental Compliance Division
Elise Rothschild, Chief

County of Sacramento

Steven C. Szalay, Interim County Executive
Bruce Wagstaff, Agency Administrator
Val F. Siebal, Department Director

ATTACHMENT
WELL APPLICATION & PERMIT FORM

Pursuant to the Sacramento County Code, Chapter 6.28, Section 6.28.030.E.1, Permit Numbers 47528 and 48972 are conditioned as follows:

- Final decommissioning protocol will be proposed by C-57 contractor and accepted by EMD after investigation to confirm well construction specifications prior to commencement of seal placement. (See "Destruction of Supply Wells and Exploratory Holes (Borings)"; revised May 6, 2003)

- All other provisions of Chapter 6.28 of the Sacramento County Code remain in full force and effect.

By: Susan B. Williams **Date:** **April 18, 2011**

Susan B. Williams, M.S.
Permitting & Enforcement

W:\DATA\WILLIAMSS\WELLPERMITATTACHMENTS\NIX_47528+48972.DOC

WP47528

WELL PERMIT TIME LOG SHEET

FIRST PERMIT: WP0047528	SITE ADDRESS: 10051 Big Horn Blvd.
PAID TIME: 3.5 hrs	RA Nix Well Drilling – 2 Supply Well Destructions

Date	Specialist	Activity	Hours	Time Remaining
4/18/2011	SBW	Conditional approval - 2 wells	0.5	3.0
6/21/11	SBW	Receipt/review of blasting workplans, calcs., hold removal	0.5	2.5
6/22/11	SBW	Left office @ 9:30 for 10:00 grout. Starting on Well #2 (problem well) @ TD" = 47 feet Onsite @ 10:10 am Cement Add (10.3 sack) 50 gr det cord to 47 ft. Detonator @ 20 ft boosters @ 30, 40 and 2 @ 47 47 ft of tremie pipe in hole Detonation @ 1025 Tag @ 12 ft bgs. Topped off Well #1, Start 10:30 am 160 ft of tremie down hole 11:30 finished cement placement Detonation 11:34 Double grsh. 33 ft drop	2.5	0

7,666
15,077

W:\DATA\WELLS\WELL TIME LOG SHEET.DOC

WP 48972

WELL APPLICATION AND PERMIT FORM

ENVIRONMENTAL MANAGEMENT DEPARTMENT – ENVIRONMENTAL COMPLIANCE DIVISION
10590 ARMSTRONG AVENUE · SUITE A · MATHER CA 95655
TELEPHONE (916) 875-8400 FAX: (916) 875-8513

WELL INSPECTION LINE: (916) 875-8524

IS THIS PERMIT FOR A HAZARDOUS SUBSTANCE INVESTIGATION? ☐ YES ☐ NO

AR 64197

FOR OFFICE USE ONLY

EXPEDITED PROCESSING? ☐ YES ☐ NO

☐ APPROVED ☒ APPROVED W/CONDITIONS (ATTACHED)

PERMIT NUMBER(S): 48972

BY: SBN DATE: 4/18/11
INITIAL GROUT BY: _____ DATE: _____
FINAL INSPECTION BY: _____ DATE: _____
DESTRUCTION BY: SBN DATE: 6/22/11

DATE RECEIVED: 3/17/11 TOTAL FEE: $0
RECEIPT NO: 279264 DEPTH TO WATER: _____
WELL DEPTH: _____ GROUT DEPTH: _____
GPS: N: 38 W: -121

COMMENTS: _____

SITE ADDRESS: 10051 BIG HORN BLVD, ELK GROVE, CA 95757	
Job Address: 0 POPPY RIDGE RD	Nearest Major Cross Street: BRUCEVILLE RD
Property Owner: LOS RIOS COMMUNITY COLLEGE	Parcel Number(s): 132-2140-002
Well Contractor: RA NIX WELL DRILLING	CA License No.: 376587
Contractor's Address: PO BOX 495 WILTON, CA 95693	
Well/Boring Identification Number(s): Well #1	

TYPE OF WORK: (California C-57 License required unless noted otherwise)

☐ Well construction ☐ Vault box repair (General A or B) ☒ Well destruction **(SUPPLEMENT REQUIRED)**
☐ Pump replacement (or C-61) ☐ Well repair ☐ Exploratory boring (C-57 if water present)
☐ Well inactivation (Owner only) ☐ Pump repair (or C-61) ☐ Other: _____

INTENDED USE:

☐ Domestic/private ☐ Dewatering ☐ Geotechnical boring
☐ Irrigation/agricultural ☐ Cathodic protection ☐ Environmental boring
☐ Water/vapor monitoring/extraction ☐ Heat exchange ☐ Other: _____
☐ Public water system: _____
(NAME OF WATER PURVEYOR WITH CONTACT NAME AND TELEPHONE NUMBER)

DRILLING METHOD:

☐ Mud rotary ☐ Air Rotary ☐ Cable tool ☐ Auger ☐ Driven ☐ Other: _____

SETBACKS: (Wells only)

Is the well located within 50 feet of a: ☐ sewer line, ☐ stream, ☐ ditch, ☐ drainage course, ☐ pond, or ☐ lake? ☐ No
Is the well located within 100 feet of a: ☐ septic tank, ☐ leach line, ☐ deep trench, or ☐ animal enclosure? ☐ No

SPECIFICATIONS:

BOREHOLE: Diameter: _____ Depth: _____ CASING: Diameter: _____ Depth: _____
Diameter: _____ Depth: _____ CASING: Diameter: _____ Depth: _____
CONDUCTOR: Diameter: _____ Depth: _____ IF STEEL: Gauge: _____ or Thickness: _____
ANNULAR SEAL: Depth: _____ Material: _____ IF PLASTIC: Type: _____ (Must meet ASTM F-480)
TRANSITION SEAL: Material: _____ MULTIPLE COMPLETION? ☐ Yes **(DIAGRAM REQUIRED)**
COMMENTS: _____

PUMP INSTALLATION/REPAIR:

Contractor: _____
License Number: _____ Type of Pump: _____ Horsepower: _____

I will comply with all Codes, Rules and Regulations of the State and County pertaining to or regulating wells and pumps, **call (916) 875-8524 for a grout inspection at least 24 hours prior to the requested appointment time**, submit a "Well Completion Report" (if required) within 60 days of the completion of my work so a final inspection can be made, and obtain WPD approval before placing a well in service.

SIGNATURE: _____ ☐ Property Owner
PRINTED NAME: ROBERT A NIX ☒ Well Contractor
COMPANY: RA NIX WELL DRILLING ☐ Agent **(REQUIRES AUTHORIZATION FORM)**
MAILING ADDRESS: PO BOX 495 WILTON, CA 95693
PHONE NUMBER: _____ FIELD PHONE: 916-761-0919

A SITE PLAN MUST BE SUBMITTED WITH EACH APPLICATION.
PERMIT EXPIRES ONE (1) YEAR AFTER DATE APPROVED (UNLESS EXTENDED)

ENVIRONMENTAL MANAGEMENT DEPARTMENT
WATER PROTECTION DIVISION
8475 JACKSON ROAD, SUITE 240
SACRAMENTO CA 95826-3904
(916) 875-8400

#48972
Well #1

WELL DESTRUCTION SUPPLEMENT

Note: **A copy of the original "Well Completion Report" (DWR Form 188) or equivalent shall be submitted for each well under consideration for a destruction permit.**

TYPE OF WELL:

- [x] Domestic/private 8
- [ ] Dewatering
- [ ] Monitoring/extraction
- [ ] Cathodic protection
- [ ] Irrigation/agricultural
- [ ] Other: _____

EXISTING WELL CONSTRUCTION DETAILS:

- [x] Open bottom
- [ ] Filter Pack
- [ ] Uncased
- [ ] Other: _____

PROPOSED DESTRUCTION SPECIFICATIONS:

- [x] Pressure grout from 167 feet below ground surface (bgs) to Ø feet bgs.
- [x] ~~Overdrill~~ Remove all casing and well materials from 5 ft bgs to existing grade.
- [x] Casing perforation from _____ ft bgs to _____ ft bgs by one of the following methods:
  - [ ] Mills knife: _____ cuts every _____ feet;
  - [x] Explosives: [x] Detonation cord: Placement from 0 ft bgs to 95 feet bgs.
    - [x] Boosters: Placement every 10 ft from 20 ft bgs to 95 ft bgs.
  - [ ] Other: _____
- [x] Sealing Material:
  - [ ] Neat cement (5-6 gal H_2O per 94 lb cement)
  - [x] Sand-cement slurry (10.3 sack mix)
  - [ ] Cement with up to 5% bentonite (w/w)
  - [ ] Concrete
  - [ ] Bentonite: [ ] Chips/Pellets Product: _____
    - [ ] Slurry Product: _____
- [x] Estimated void volume (well casing, borehole, and filter pack voids) "100%" = 2.2 cy

FOR OFFICE USE ONLY

Comments: TBA - Conditional approval SBN

$V = \pi(4/12\ ft)^2(167\ ft) = 58.29\ ft^3 \approx 2.2\ cy$

Countywide Services Agency

Environmental Management Department

Environmental Compliance Division
Elise Rothschild, Chief

County of Sacramento

Steven C. Szalay, Interim County Executive
Bruce Wagstaff, Agency Administrator
Val F. Siebal, Department Director

ATTACHMENT
WELL APPLICATION & PERMIT FORM

Pursuant to the Sacramento County Code, Chapter 6.28, Section 6.28.030.E.1, Permit Numbers 47528 and 48972 are conditioned as follows:

- Final decommissioning protocol will be proposed by C-57 contractor and accepted by EMD after investigation to confirm well construction specifications prior to commencement of seal placement. (See "Destruction of Supply Wells and Exploratory Holes (Borings)"; revised May 6, 2003)

- All other provisions of Chapter 6.28 of the Sacramento County Code remain in full force and effect.

By: Susan B. Williams **Date:** **April 18, 2011**

Susan B. Williams, M.S.
Permitting & Enforcement

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ENVIRONMENTAL MANAGEMENT DEPARTMENT
ENVIRONMENTAL COMPLIANCE DIVISION

10590 ARMSTRONG AVENUE, SUITE A
MATHER CA 95655
(916) 875-8400

ENVIRONMENTAL COMPLIANCE SITE PLAN
FOR WELL AND SEWAGE DISPOSAL SYSTEM PERMITS

STREET ADDRESS: 10051 BIGHORN BLVD DATE: 3-7-2011

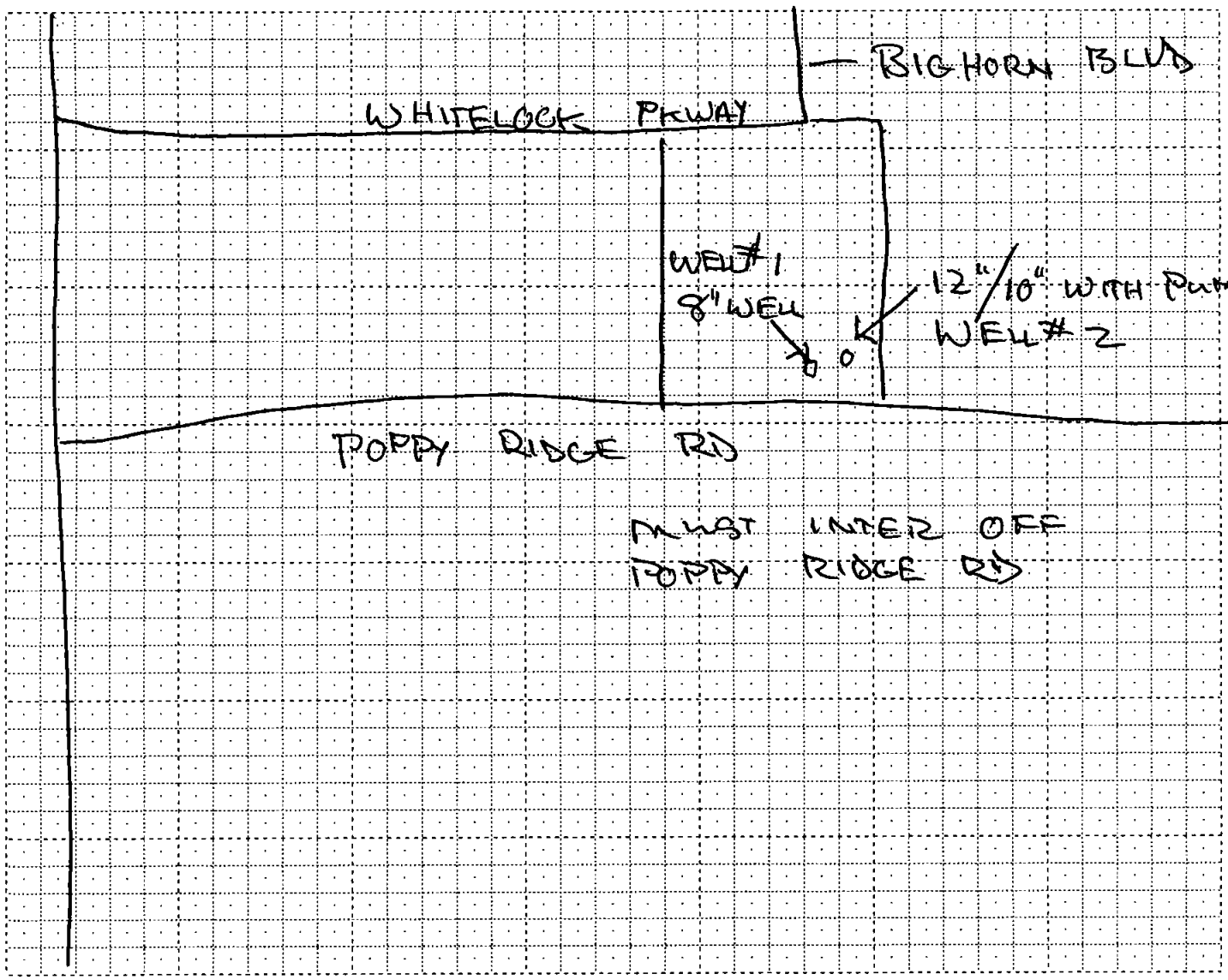
OR PARCEL NUMBER: 132-2140-002 AND STREET NAME: _____

CENSUS TRACT: _____ CONTRACTOR: NIX PERMIT #: #48972

SHOW PARCEL DIMENSIONS, STREETS, STRUCTURES, CONTOURS, LOCATION OF WELLS AND SEPTIC SYSTEMS (SHOW LAYOUT OF SEPTIC SYSTEM). SHOW DISTANCE (IN FEET) FROM SEPTIC AND/OR WELL TO: WATER COURSES, SEPTIC TANKS, LEACHING AREAS, PROPERTY LINES, SEWER LINES AND WATER WELLS (ALSO WELLS AND SEPTIC SYSTEMS WITHIN SETBACK DISTANCES ON ADJACENT PROPERTY). SITE PLAN MUST BE ACCURATE TO ALLOW SYSTEM OR WELL TO BE LOCATED AT A FUTURE DATE.

WILL SYSTEM OR WELL BE INSTALLED IN 100 YEAR FLOODPLAIN? YES ☐ NO ☒

N



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WATER WELL TECHNOLOGY, INC. / WELENCO
License No. C57-731133
5201 Woodmere Drive Bakersfield CA, 93313
Phone: (800) 961-9355 Fax: Sacramento: (916) 480-0839 Bakersfield (661) 834-8100

48972

Date: June 20, 2011

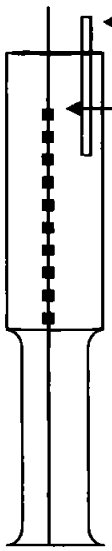
BLASTING WORK PLAN

Well: Los Rios Community College ~~Well 2~~ Well #1

Location: Sacramento Co

Plan date and time : Pending

Casing 8 -inch OD steel to 95 feet
Open Hole Completion to 167 feet



Booster Placement
Start 20 feet
Intervals 10 feet
End 95 feet

Detonating Cord
Start 20 feet
Intervals every foot
End 95 feet
Strength 50 grain

Total Explosives
3.18 lbs.

Boosters				
Density g/cc	1.55	g/cc		
Detonation Velocity	24,000	ft/s	7,315	m/s
Casing Diameter	**8**	inches		
Charge Wt.	**0.15**	**Kg**	150	grams
Detonation pressure	207	k/bar		
Total energy ca.	13,997	k/bar		
Pressure at casing	52.21	k/bar	781,540	psi
Pressure at 10 feet	0.00		29	psi
Explosive Cord				
Density g/cc	1.60	g/cc		
Detonation Velocity	22,000	ft/s	6,706	m/s
Casing Diameter	**8**	inches		
Grains	**50**	gr/ft	3.24	g/ft
Detonation pressure	**180**	**k/bar**		
Total energy pcf ft.	**22**	**k/bar**		
Pressure at casing	**0.43**	**k/bar**	**6,508**	**psi**

***These are estimated pressure for a empty well**

Site procedure

1. Check site and measure well depth
2. Clear work site of all unessential personal
3. Lower charges and drop pipe into the well
4. Pump sealing material to top of well
5. Check and clear blast area (sound blast warning)
6. Arm explosives
7. Confirm area clear (final blast warning)
8. Detonate charge
9. Check hole and sound all clear
10. Refill cement to top of well to form a mushroom cap

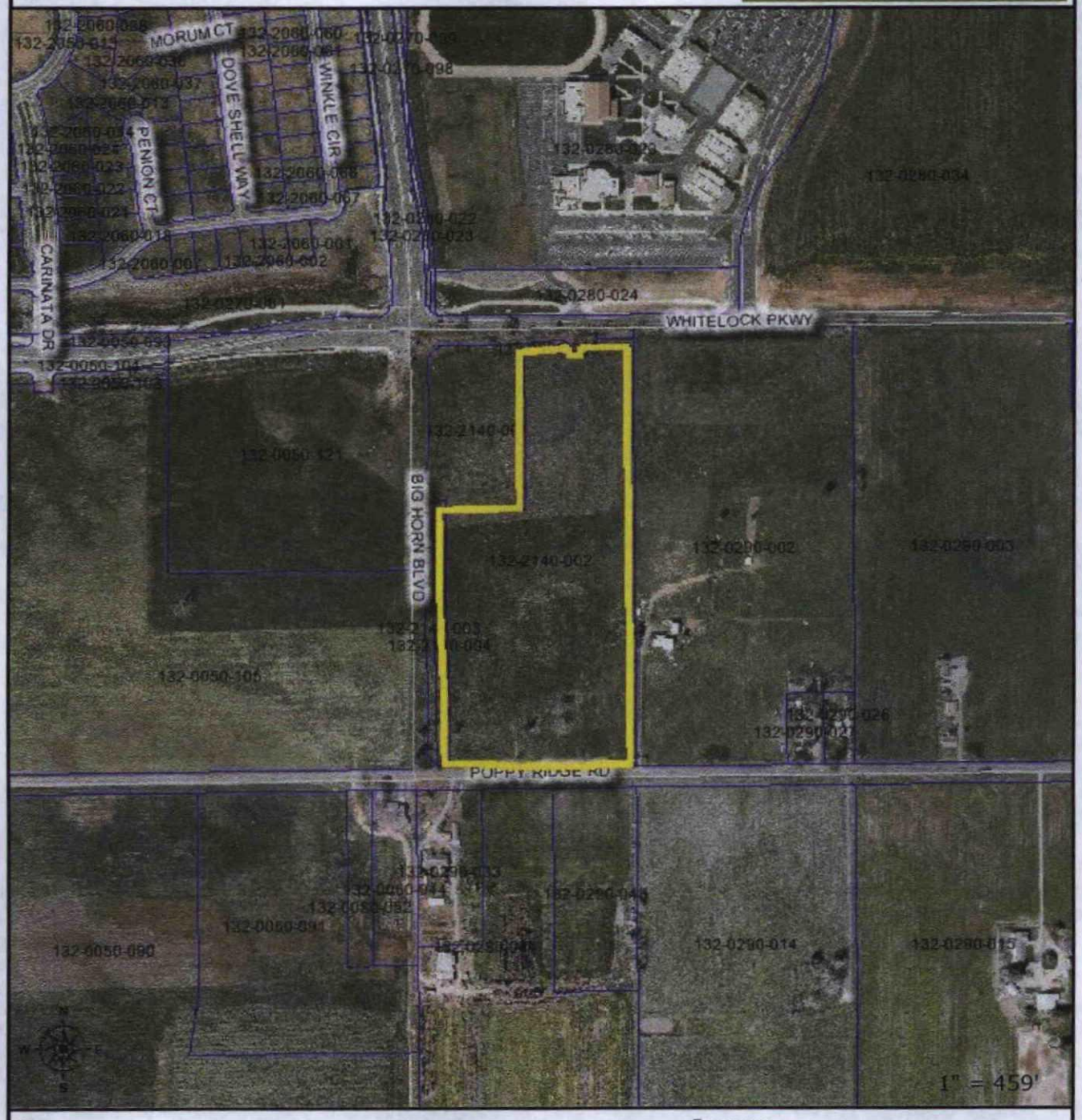
Predicted Casing Condition: I expect to see massive casing damage 20 feet to 95 feet.

Name of Blaster Preparing Plan: Tylor McMillan

*Water Well Technology / Welenco Reserves the right to change or modify the charge in any way necessary to maintain the safety of all personnel onsite and in surrounding areas.

General Map Viewer

County of Sacramento



Rivers

Ortho - Street Names

Freeways

County Boundary Lines

Major Streets

Parcel Boundaries

Information For Parcel:
132-2140-002-0000

PROPERTY INFORMATION

APN	13221400020000
Situs Address	10051 BIG HORN BL
Postal City/St/Zip	ELK GROVE, CA 95757
	Additional Addresses for this Parcel
Thomas Bros	378 E 2
Landuse Code	IABBAA
Jurisdiction	ELK GROVE
Sup. District	5-Don Nottoli

OWNERSHIP INFORMATION

Owner	LOS RIOS COMMUNITY COLLEGE DIST
Owner Mail Address	1919 SPANOS CT
Owner Mail City/St/Zip	SACRAMENTO CA 95825
Property Transfer Info.	View Property Transfer Data
Deed	View Property Transfer Document
Owner History	View Owner History

PARCEL DETAIL LINKS

General Info	View General Parcel Data
Districts	View District Data
Recorded Map	View Recorded Parcel Maps
Assessor Maps	View Assessor Map
Parcel History	View Splits and Merges History Data
Assessment Info	View Assessor Data
Building Permits	No Permit record available.
Parcel Notes	View Parcel Notes
Business Licenses	No Business License Data available.
SHRA Info	View SHRA Data
CUBS Info	No CUBS data available.
Refuse Pickup	No Refuse Pickup schedule available.
Water Meters	No Water Meter Data available.

Department of Consumer Affairs
Contractors State License Board

Contractor's License Detail - License # 376587

DISCLAIMER: A license status check provides information taken from the CSLB license database. Before relying on this information, you should be aware of the following limitations.

- CSLB complaint disclosure is restricted by law (B&P 7124.6) If this entity is subject to public complaint disclosure, a link for complaint disclosure will appear below. Click on the link or button to obtain complaint and/or legal action information.
- Per B&P 7071.17 , only construction related civil judgments reported to the CSLB are disclosed.
- Arbitrations are not listed unless the contractor fails to comply with the terms of the arbitration.
- Due to workload, there may be relevant information that has not yet been entered onto the Board's license database.

License Number	**376587** **Extract Date:** 3/8/2011
Business Information	ROBERT ALLEN NIX WELL DRILLING P O BOX 495 WILTON, CA 95693 Business Phone Number:(916) 761-0919
Entity:	Sole Ownership
Issue Date	06/20/1979
Expire Date	**06/30/2011**
License Status	This license is current and active. **All information below should be reviewed.**
Additional Status:	
Classifications:	**CLASS** **DESCRIPTION** C57 WELL DRILLING (WATER)
Bonding:	**CONTRACTOR'S BOND** This license filed Contractor's Bond number **SC565226** in the amount of **$12,500** with the bonding company AMERICAN CONTRACTORS INDEMNITY COMPANY. **Effective Date:** 03/02/2009 Contractor's Bonding History
Workers' Compensation:	This license is exempt from having workers compensation insurance; they certified that they have no employees at this time. **Effective Date:** 07/21/1993 **Expire Date:** None Workers' Compensation History

[redacted]

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Copyright © 2010 State of California

Department of Consumer Affairs
Contractors State License Board

Contractor's License Detail (Personnel List)

Contractor License #: 376587
Contractor Name: ROBERT ALLEN NIX WELL DRILLING

Click on the person's name to see a more detailed page of information on that person

NAME	TITLE	ASSOCIATION DATE	DISASSOCIATION DATE	CLASS	MORE CLASS
ROBERT A NIX	SOLE OWNER	06/20/1979		C57	

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U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

7001 1940 0000 7703 6753

OFFICIAL USE

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Sent LOS RIOS COMMUNITY
Stree COLLEGE DISTRICT
or PO 1919 SPANOS COURT
City, SACRAMENTO, CA 95825

PS Fo ...tructions

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

LOS RIOS COMMUNITY
COLLEGE DISTRICT
1919 SPANOS COURT
SACRAMENTO, CA 95825

10051 BrattonBlvd\wp 48972\AWP\MTC

7001 1940 0000 7703 6753

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X
☐ Agent
☐ Addressee

B. Received by (*Printed Name*)

C. Date of Delivery
JAN 31 2011

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

FEB - 1 2011

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (*Extra Fee*) ☐ Yes

K. Christy

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

#48972

Countywide Services Agency

Environmental Management Department

Environmental Compliance Division
Elise Rothschild, Chief

County of Sacramento

Steven C. Szalay, Interim County Executive
Bruce Wagstaff, Agency Administrator
Val F. Siebal, Department Director

3/1 | 11
5/1 | 11

January 28, 2011

Los Rios Community College District
1919 Spanos Court
Sacramento, CA 95825

CERTIFIED MAIL: 7001 1940 0000 7703 6753

Dear Sirs:

SUBJECT: NOTICE TO COMPLY – ABANDONED WELL PROGRAM SACRAMENTO COUNTY CODE, CHAPTER 6.28 (WELLS & PUMPS)

With your authorization, on January 24, 2011, a representative of the Sacramento County Environmental Management Department (EMD) discovered an abandoned well(s) or suspected abandoned well(s) at your property located at: **10051 BIG HORN BLVD., ELK GROVE, CA 95757 (APN: 132-2140-002)**

Sacramento County Code, Chapter 6.28 (Wells & Pumps) contains minimum requirements for the construction, modification, repair, inactivation, and destruction of wells and for the installation of pumps. The California Health & Safety Code and the Sacramento County Code both define "abandoned" or "permanently inactive" wells as wells that have not been used for a period of one year or longer. Both codes mandate the legal destruction of abandoned or permanently inactive wells unless the owner demonstrates intent for future use of the wells by obtaining a well inactivation permit and by maintaining the wells in such a way that the following requirements are met:

- ✓ The well shall not allow impairment of the quality of water within the well and groundwater encountered by the well.
- ✓ The top of the well and the well casing shall be provided with watertight covers that are secured by locks or by other means to prevent their removal without the use of equipment or tools, to prevent unauthorized access, to prevent a safety hazard to humans and animals, and to prevent illegal disposal of wastes into the well.
- ✓ The well shall be marked so as to be easily visible and located, and labeled so as to be easily identified as a well.
- ✓ The area surrounding the well shall be kept clear of brush, debris, and waste materials.

We have enclosed an "Identification Sheet" for each of the wells on the aforementioned property, with specific information for taking appropriate action for each well. Failure to comply with this Notice may result in formal enforcement action pursuant to Chapter 6.28.

If you have any questions regarding this Notice, please contact Susan Williams at (916) 875-8452 or Lisa Christy at (916) 875-8466. You may access documents at our "Well Program" website at: http://www.emd.saccounty.net/WP/EMDwells.htm.

Sincerely,

Barry Marcus, P.G.
Supervising Environmental Specialist
Environmental Compliance Division

BIM:SZ:rjd

Enclosures: Identification Sheet 1
Well Application and Permit Form
AWP Brochure

W:\Data\WELLS\ABANDONED WELLS\NTCs\10051 BIGHORN BLVD., WP48972, NTC..doc

IDENTIFICATION SHEET 1

Well Record ID: WP00 48972	**Date Discovered:** January 24, 2011
APN: 132 - 2140 - 002 - 0000	**Site Address:** 10051 Big Horn Blvd.
Well Type: Open Casing (OC)	**Safety Hazard:** ○Yes ⊙No

Notes: Domestic well with open piping observed in area near end of old access road to former house. Well is just behind a tree to the right of the road.

You are hereby directed to complete the following activities within the prescribed timeline:

- Provide a secure cover for the well by **N/A** ;
- Obtain a permit for the inactivation, repair or destruction of the well by **March 01, 2011** ; and
- Complete the inactivation, repair or destruction of the well by **May 01, 2011** .

Failure to comply with this Notice may result in formal enforcement action, including the imposition of administrative penalties of up to $10,000 per well, per day of violation.

Abandoned Well Identification and Tracking Program Checklist

WP#:	APN:	GPS of Well:
48972	132-2140-002	38.39116 -121.39812

Address / Location of Well (include nearest cross-street below):

~~"0" Poppy Ridge Road~~, Elk Grove

10051 Big Horn Blvd, Elk Grove 95757

Nearest Cross Street: Bruceville Road

Owner of Well: Los Rios Community College **Initial (verbal) Contact made?** ☒ Yes ☐ No Dave Nichols 856-8420

USGS Quadrangle:	Census Tract:	Township:	Range:	Section:
Florin	9604	T6N	R5E	11G

Is this an abandoned well? (Out of service for one year or more). ☒ Yes ☐ No ☐ Unknown

If yes, continue below.

Is there an Inactivation Permit on file? ☐ Yes ☐ No ☒ Unknown

Well Type (Ag, Domestic, Unknown, etc):

Diameter of Well: 8" **or Unknown:**

Is Well Log Available? ☐ Yes ☐ No ☒ Unknown

Features/Description of Well:

Domestic well with Piping (open pipe) observed in area near end of old access road to former house. Well is just behind a tree to the right of the road.

Photos obtained? ☒ Yes ☐ No **Is well readily accessible?** ☒ Yes ☐ No

Are Immediate Health/Safety Risks Evident? (If yes, describe):

☐ Yes ☒ No

Program Element			
☐ 4991	Abandoned well - Hand dug	☐ 4994	Abandoned well - Inoperable
☐ 4992	Abandoned well – Open casing	☐ 4995	Geotech
☒ 4993	Abandoned well – Open piping	☐ 4996	Other / Unknown

Other Notes:

Investigated by: Patrice Wells **Date:** 1-24-11 **Photos to Imaging?** ☒ Yes ☐ No

County of Sacramento ● Environmental Management Department ● Environmental Compliance Division
10590 Armstrong Ave. Ste. A ● Mather, CA 95655 ● (916) 875-8400 ● 8 am-5 pm

Information For Parcel:
132-2140-002-0000

PROPERTY INFORMATION

APN	13221400020000
Situs Address	10051 BIG HORN BL
Postal City/St/Zip	ELK GROVE, CA 95757
Thomas Bros	378 E 2
Landuse Code	IABBAA
Jurisdiction	ELK GROVE
Sup. District	5-Don Nottoli

OWNERSHIP INFORMATION

Owner	LOS RIOS COMMUNITY COLLEGE DIST
Owner Mail Address	1919 SPANOS CT
Owner Mail City/St/Zip	SACRAMENTO CA 95825
Property Transfer Info.	View Property Transfer Data
Deed	View Property Transfer Document
Owner History	View Owner History

PARCEL DETAIL LINKS

General Info	View General Parcel Data
Districts	View District Data
Recorded Map	View Recorded Parcel Maps
Assessor Maps	View Assessor Map
Parcel History	View Splits and Merges History Data
Assessment Info	View Assessor Data
Building Permits	No Permit record available.
Parcel Notes	View Parcel Notes
Business Licenses	No Business License Data available.
SHRA Info	View SHRA Data
CUBS Info	No CUBS data available.
Refuse Pickup	No Refuse Pickup schedule available.
Water Meters	No Water Meter Data available.

General Map Viewer

County of Sacramento

Rivers

Ortho - Street Names

Freeways

County Boundary Lines

Major Streets

Parcel Boundaries

QUADRUPLICATE WP 47528
For Local Requirements

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. 0986710

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Page 1 of 1
Owner's Well No. 12/10" #1
Date Work Began 4-18-11, Ended 6-24-11
Local Permit Agency SACRAMENTO COUNTY
Permit No. [redacted]47528 Permit Date 4-18-11

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD ___ FLUID ___

DEPTH FROM SURFACE Ft. to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
	THIS WAS A 10" X47, DEEP DOUBLE CASED 12" OD WITH A 10-3/4" CASING LINER WE PUMPED 10.3 SAKS CEMENT SLURRY SET EXPLOSIVES TERMANATED THE CASING 5' BELOW GRADE.

TOTAL DEPTH OF BORING ___ (Feet)
TOTAL DEPTH OF COMPLETED WELL ___ (Feet)

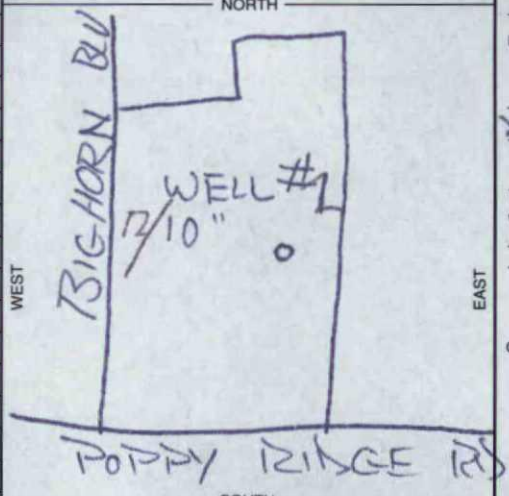
WELL OWNER

Name LOS RIOS COMMUNITY COLLEGE
Mailing Address 1919 SPANOS CT
City SACRAMENTO, State CA Zip 95825

WELL LOCATION

Address 10051 BIG HORN BLVD
City ELK GROVE CA 95757
County SACRAMENTO
APN Book 132 Page 214 Parcel 0002
Township ___ Range ___ Section ___
Lat 36° 29 536 N (DEG. MIN. SEC.) Long 121 29 815 W (DEG. MIN. SEC.)

LOCATION SKETCH



Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. ***PLEASE BE ACCURATE & COMPLETE.***

ACTIVITY (✓)

___ NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
X DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

USES (✓)
WATER SUPPLY
___ Domestic ___ Public
___ Irrigation ___ Industrial
MONITORING ___
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER 72 (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___
ESTIMATED YIELD * ___ (GPM) & TEST TYPE ___
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)
** May not be representative of a well's long-term yield.*

DEPTH FROM SURFACE Ft. to Ft.	BORE-HOLE DIA. (Inches)	CASING (S) TYPE (✓) BLANK	SCREEN	CON-DUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)

DEPTH FROM SURFACE Ft. to Ft.	ANNULAR MATERIAL TYPE CE-MENT (✓)	BEN-TONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)

ATTACHMENTS (✓)

___ Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other ___
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME ROBERT ALLEN NIX WELL DRILLING (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
ADDRESS PO BOX 495 CITY WILTON STATE CA ZIP 95693
Signed ___ (C-57 LICENSED WATER WELL CONTRACTOR) DATE SIGNED 4-24-2011
C-57 LICENSE NUMBER 376587

DWR 188 REV. 05-03

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

WP48972

QUADRUPLICATE
For Local Requirements

Page 1 of 1
Owner's Well No. 8" # 1
Date Work Began 4-18-11 Ended 6-24-11
Local Permit Agency SACRAMENTO COUNTY
Permit No. [redacted]48972 Permit Date 4-18-11

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet
No. 0986711

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD ___ FLUID ___

DEPTH FROM SURFACE Ft. to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
	THIS WAS AN 8" WELL 160' DEEP WITH 95' OF 8" OD CASING WE PUMPED 10.3 SACK SAND CEMENT SLURRY EXPLOSIVES IN PLACE TERMA WATER IN CASING 5 TON LORD CRANE

TOTAL DEPTH OF BORING ___ (Feet)
TOTAL DEPTH OF COMPLETED WELL ___ (Feet)

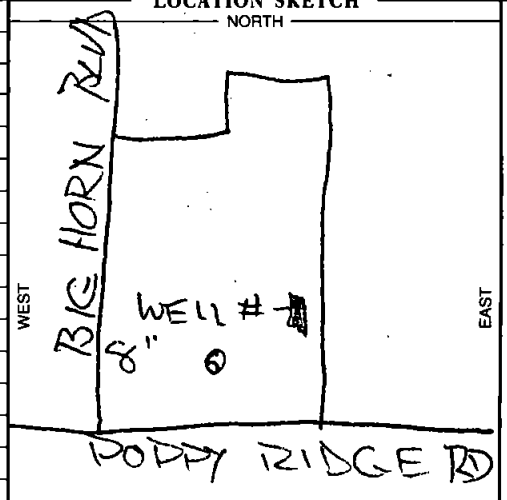
WELL OWNER

Name LOS RIOS COMMUNITY COLLEGE
Mailing Address 1919 SPANOS CT
City SACRAMENTO State CA Zip 95825

WELL LOCATION

Address 10051 BIG HORN BLVD
City ELK GROVE, CA 95757
County SACRAMENTO
APN Book 132 Page 214 Parcel 0007
Township ___ Range ___ Section ___
Lat 38 DEG. 29 MIN. 498 SEC. N
Long 121 DEG. 27.882 MIN. SEC. W

LOCATION SKETCH



Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. ***PLEASE BE ACCURATE & COMPLETE.***

ACTIVITY (✓)

___ NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
X DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

USES (✓)
WATER SUPPLY
___ Domestic ___ Public
___ Irrigation ___ Industrial
___ MONITORING
___ TEST WELL
___ CATHODIC PROTECTION
___ HEAT EXCHANGE
___ DIRECT PUSH
___ INJECTION
___ VAPOR EXTRACTION
___ SPARGING
___ REMEDIATION
___ OTHER (SPECIFY)

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER 72 (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___
ESTIMATED YIELD * ___ (GPM) & TEST TYPE ___
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)
** May not be representative of a well's long-term yield.*

DEPTH FROM SURFACE Ft. to Ft.	BORE-HOLE DIA. (Inches)	CASING (S) TYPE (✓) BLANK	SCREEN	CON-DUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)

DEPTH FROM SURFACE Ft. to Ft.	ANNULAR MATERIAL TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)

ATTACHMENTS (✓)

___ Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other ___
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME ROBERT ALLEN NIX WELL DRILLING
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
ADDRESS PO BOX 495 CITY WILTON STATE CA ZIP 95693
Signed [signature] C-57 LICENSED WATER WELL CONTRACTOR
DATE SIGNED 6-24-2011
C-57 LICENSE NUMBER 376587

DWR 188 REV. 05-03

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

petralogix

geophysics - environmental - geology

APPENDIX H

Wallace Kuhl
& ASSOCIATES INC

Phase I Environmental Site Assessment Update

LAGUNA RIDGE BAYLESS-PULTE PROPERTY

Elk Grove, California

WKA No. 7288.29

July 22, 2008

Prepared for:

Mr. William Silvia
Director, General Services
Los Rios Community College District
1919 Spanos Court
Sacramento, California 95825

Prepared By:

Wallace-Kuhl & Associates, Inc.
3251 Beacon Boulevard, Suite 300
West Sacramento, California 95691

Wallace Kuhl & Associates, Inc.

Corporate Office
3251 Beacon Boulevard, Suite 300
West Sacramento, CA 95691
916.372.1434 phone
916.372.2565 fax

Rocklin Office
500 Menlo Drive, Suite 100
Rocklin, CA 95765
916.435.9722 phone
916.435.9822 fax

Stockton Office
3410 West Hammer Lane, Suite F
Stockton, CA 95219
209.234.7722 phone
209.234.7727 fax

Phase I Environmental Site Assessment Update

LAGUNA RIDGE BAYLESS-PULTE PROPERTY

Elk Grove, California

July 22, 2008

WKA No. 7288.29

Wallace-Kuhl & Associates, Inc. (WKA), on behalf of the Los Rios Community College District, prepared this Phase I Environmental Site Assessment Update for the Laguna Ridge Bayless-Pulte Property located on Poppy Ridge Road, in Elk Grove, California. We declare that, to the best of our professional knowledge and belief, both the report preparer and reviewer meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312 and has the "specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312." Resumes of the key staff who prepared this report are included in Appendix A.

WALLACE-KUHL & ASSOCIATES, INC.

Prepared By:

Randy L. Wheeler
Senior Environmental Scientist

Reviewed By:

Benjamin McLernon
Senior Staff Environmental Scientist

Phase I Environmental Site Assessment Update
LAGUNA RIDGE BAYLESS-PULTE PROPERTY

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C ENGEO Incorporated, Phase II Sample Results Report, February 24, 2004
D EDR® Radius Map Report Executive Summary
E Preliminary Screen For Potential Vapor Intrusion Conditions Matrix
F The EDR® Environmental Lien Search Report

Attached CD contains: EDR® Radius Map Report and Phase I ESA Update, Laguna Ridge-Bayless Pulte Property (WKA No. 7288.29, dated July 22, 2008).

EXECUTIVE SUMMARY

The Laguna Ridge Bayless-Pulte Property (herein referred to as site) is located approximately two miles southwesterly from the central business district of the City of Elk Grove, Sacramento County, California. The site lies within a predominantly agricultural and rural residential area north of Poppy Ridge Road and east of Bruceville Road. The site is comprised of one Sacramento County Assessor's Parcel Number (APN) 132-2140-002 (formerly referenced as APN 132-0290-001 and having a prior street address of 8355 Poppy Ridge Road), totaling approximately 13 acres of fallow, formerly developed land. The following presents a list of observations and findings identified during the preparation of this updated report:

- The historic land use research dating back to the early 1900s revealed that the site was first developed in the early 1920s for residential use and had several additions constructed over the years including a barn. The demolished barn was originally used as a dairy barn. Historical information revealed at least two septic systems and two water wells were located on the site.
- On the day of the site reconnaissance, site conditions consisted of fallow, disced land with some scattered oak and other deciduous trees observed around the perimeter of the site and on the southern portion of the site. The southern portion of the site was disced and remnant gravel, brick, and aggregate material was dispersed among the disced material. No structures were present on the site.
- According to information presented in previous studies (See Section 4.2), historically the site contained several buildings, including a one-story wood-framed house with a detached garage, a small outbuilding, a barn and a carport (the barn had two extensions off of its northwest corner), and a modular home. These structures were located amongst the existing trees located in the southern part of the site.
- A 550-gallon underground storage tank (UST) was removed from the site in 1979. In 2006 ENGEO completed soil sampling and analysis from the former UST excavation and determined no data indicating a historical leak from the UST. The structures on the site were demolished in 2006. The remainder of the site consisted of dry-farmed land or fallow land.

- According to Mr. Rick Jordan with Pulte Homes (the current site owner), two septic systems were removed from the site at the time the structures were demolished in 2006.
- The site contains two known wells: one domestic water supply well and one irrigation well. In the event that the wells will not be used in the future, they must be properly abandoned in accordance with Sacramento County Environmental Health Department permitting requirements.
- Site reconnaissance and review of agency records did not reveal evidence of hazardous materials contamination on or adjacent to the site.
- Based on the completion of the potential Vapor Intrusion Condition (pVIC) screening matrix, it is presumed *unlikely* that a pVIC currently exists beneath the site.

This assessment has revealed evidence of historical Recognized Environmental Conditions in connection with the removed underground fuel storage tank (UST) formerly located on the site. No further investigation is recommended at this time.

1.0 INTRODUCTION

1.1 Purpose

The purpose of this report is to update those conditions likely to affect Recognized Environmental Conditions (REC) in connection with the Laguna Ridge Bayless-Pulte Property (herein referred to as site) that may have changed materially since the prior environmental site assessments were conducted. According to the American Society of Testing and Materials (ASTM) Standard E 1527-05 the term REC is defined as "the presence or likely presence of any *hazardous substances* or *petroleum products* on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any *hazardous substances* or *petroleum products* into structures on the property or into the ground, groundwater, or surface water of the property."

According to the ASTM, "this practice is intended to permit a *user* to satisfy one of the requirements to qualify for the *innocent landowner*, *contiguous property owner*, or *bona fide prospective purchaser* limitations on CERCLA [Comprehensive Environmental Response, Compensation and Liability Act] liability (hereinafter, the "*landowner liability protections*," or "*LLPs*"): that is, the practice that constitutes "*all appropriate inquiry* into the previous ownership and uses of the *property* consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B)."

1.2 Scope of Services

Wallace-Kuhl & Associates, Inc. (WKA) has completed this Phase I Environmental Site Assessment (ESA) Update for the site shown on Figures 1 and 2. The updating workscope was implemented in lieu of a full workscope ESA given the fact that at least five prior reports have been completed for the site:

- Wallace-Kuhl & Associates. *Preliminary Phase 1 Environmental Site Assessment, Laguna Ridge Specific Plan* (included the site and surrounding land areas), May 1998.
- Wallace-Kuhl & Associates. *Phase 1 Environmental Site Assessment Update, Elk Grove Senior Apartments, 8355 Poppy Ridge Road,* September 19, 2003 (WKA No. 4021.19).

- ENGEO. *Phase One Environmental Site Assessment, Laguna Ridge Clusters,* February 2, 2004.
- ENGEO. *Phase II Sample Results, Laguna Ridge Clusters, Elk Grove, California. February 24, 2004.*
- Wallace-Kuhl & Associates. *Reliance Letter and Site Assessment Update, Laguna Ridge – Bayless South Property, 8355 Poppy Ridge Road, City of Elk Grove, California*, July 21, 2004 (WK No. 4021.28).

Based on the prior assessments of the site, WKA proposed only to update those conditions likely to affect RECs in connection with the site that may have changed since the prior ESA update was conducted in July 2004.

This update report has been prepared in conformance with *Section 4.6 (Continued Viability of Environmental Site Assessment),* and *Sections 4.7* and *8.4* (*Prior Assessment Usage)* of the American Society of Testing and Materials (ASTM) *Standard E 1527-05 for Environmental Site Assessment* and the scope and limitations defined in WKA proposal, 7PR08091, dated July 2, 2008. Mr. Bill Silvia with the Los Rios Community College District (LRCCD) authorized this assessment on July 3, 2008. The scope of this assessment included the following:

- Site reconnaissance with emphasis on changes in conditions or uses relative to the previous site work, both on-site and adjacent to the site.
- Interviews with current owners/occupants and/or regulatory personnel familiar with the site in order to identify changes in site conditions or uses since the prior ESA was performed.
- A current review of federal, state, tribal and county databases. Based on the outcome of the database search described in the preceding bullet item, review of specific regulatory agency files for identified contaminated facilities in order to evaluate whether the listed facilities are hazardous materials threats to the site.
- Review of the historical record sources, as necessary, that identify changes in site conditions or uses since the prior ESA was performed, including the following, as available:
    - Ownership Records
    - Aerial Photographs

  - Local Street Directories
  - Building Department Records
  - Zoning and Land Use Records
- Color photography of the site.
- Review of prior ESA report for the site.
- Conduct a preliminary screen for potential vapor intrusion conditions on the site.
- Review of the completed ASTM E 1527 *User Questionnaire* (*Questionnaire*) regarding recorded environmental liens, activity and use limitations (AULs), relationship of the purchase price to the fair market value of the site, and any specialized knowledge of the of the site.
- Prepare a report of findings that document the results of the ESA update along with identifying significant "data gaps" that were not addressed in the previous ESAs.

1.3 Special Terms and Conditions

No special terms or conditions were requested or performed during the preparation of this ESA update. LRCCD authorized WKA to perform a search for recorded environmental liens and AULs for the site APN.

1.4 User Provided Information

Mr. Bill Silvia with LRCCD completed the *Questionnaire* for the site. Discussion regarding his responses is provided in the following section. A copy of the completed *Questionnaire* is included in Appendix B.

In summary, Mr. Silvia was not aware of any records of Environmental Liens or Activity and Use Limitations (AULs) currently recorded against the site. Mr. Silvia stated he does not possess specialized knowledge or experience related to the site. Mr. Silvia indicated the site was priced at fair market value. Mr. Silvia stated he was aware of the general site history as a farm. Mr. Silvia stated that he is not aware of any obvious indicators that point to the presence or likely presence of contamination at the site.

2.0 SITE DESCRIPTION

2.1 Site and Vicinity General Characteristics

The site, which was previously identified with a street address of 8355 Poppy Ridge Road, is located approximately one mile east of Bruceville Road, and approximately one mile west of West Stockton Boulevard, in Elk Grove, California (Figure 1). The site is comprised of one Sacramento County Assessor's Parcel Number (APN) 132-2140-002 (formerly referenced with APN 132-0290-001 and having a listed street address of 8355 Poppy Ridge Road), totaling approximately 13 acres of land (Figure 2).

2.2 Site Reconnaissance

Mr. Randy Wheeler, Senior Environmental Scientist with WKA conduced a visual site reconnaissance on July 7, 2008. Access to the site was provided from a gravel driveway off of Poppy Ridge Road. On the day of the site reconnaissance, site conditions consisted of fallow, disced land with some scattered oak and other deciduous trees observed around the perimeter of the site and on the southern portion of the site.

The southern portion of the site was disced and remnant gravel, brick, and aggregate material was dispersed among the disced material. No structures were present on the site. According to information presented in previous studies (See Section 4.2), historically the site contained several buildings, including a one-story wood-framed house with a detached garage, a small outbuilding, a barn and a carport (the barn had two extensions off of its northwest corner), and a modular home. These structures were located amongst the existing trees located in the southern part of the site. The buildings no longer exist and evidence of the former building locations were not determined during the site reconnaissance. The remainder of the site consisted of dry-farmed land or fallow land (Figure 3).

WKA observed one water supply well located on the east side of the gravel driveway. The submersible pump associated with the well appeared to be intact. The well was not connected to any power supply nor was it connected to a pressure tank. WKA also observed an irrigation/agricultural water supply well and standpipe located near the east site boundary. The well

pump appeared in good condition and WKA observed no significant stains on the concrete base or surrounding soils at the time of the site reconnaissance.

Amongst the western-most clump of trees (which was the location of the former one-storey residence), WKA observed a shallow, rectangular-shaped depression. This depression may have been related to a septic system associated with the former residence, which were both removed in 2006.

2.3 Adjoining Properties

The site is located within a predominantly agricultural and developing residential area of Elk Grove. Dry-farmed land and a rural residence bound the site to the east. Poppy Ridge Road bounds the site to the south, beyond that is a rural residence and farmland. Dry-farmed land bounds the site to the west. To the north is the Cosumnes Oaks High / Elizabeth Pinkerton Middle School. Cosumnes Oaks High School and Pinkerton Middle School share the same 60-acre campus area that includes 62 classrooms, a 700-seat performing arts facility, and a football stadium equipped with artificial turf and an all-weather track.

No industrial or heavy commercial facilities, or stationary sources of substantial hazardous air emissions are located on or within one-quarter mile of the site. No businesses that use, produce and/or bulk store hazardous materials or generate reportable quantities of hazardous waste were observed adjacent to the site. No adjoining or nearby properties were identified that have conditions indicative of RECs.

3.0 INTERVIEWS

Interviews with various persons familiar with the site vicinity, including representatives of public agencies, were conducted for the purpose of identifying past and present uses, which may have contributed to RECs on the site. Results of those interviews are discussed in the following sections.

3.1 Key Site Manager

Mr. Rick Jordan with Pulte Homes (current site owner) was interviewed by telephone on July 10, 2008. According to Mr. Jordan, Pulte Homes acquired the site in January 2006. Pulte Homes subsequently demolished and removed the structures, including two septic systems, located on the site. Mr. Jordan was not aware of any USTs (other than the UST removed in 1979) nor was he aware of any ASTs. Mr. Jordan indicated the two on-site water wells were left intact for possible future use during construction activities.

3.2 Government Officials

The Sacramento County Environmental Management Department (SCEMD) was contacted on July 10, 2008 concerning files related to the former site address of 8355 Poppy Ridge Road. According to Ms. Susan Genovese, the SCEMD did not have any records on file for the site APN or for the prior site address of 8355 Poppy Ridge Road.

4.0 RECORDS REVIEW

The purpose of the records review is to obtain and review information concerning the current use of the site and adjoining properties, since the prior ESA was performed, to identify the presence of RECs in connection with the site and nearby properties. The records review included review and discussion of the following, as available:

- Historical Use Information including, as necessary:
  - Ownership Records
  - Aerial Photographs
  - Local Street Directories
  - Building Department Records
  - Zoning and Land Use Records
- Prior Assessments
- Environmental Record Sources

4.1 Historical Use Information

Historical use information reviewed during the preparation of this report is discussed in the following subsections.

4.1.1 Ownership Records

Ownership information was obtained through ParcelQuest®. ParcelQuest® is an on-line distributor of "Assessor-Direct property information throughout the State of California." According to the *Detail Report* (ParcelQuest®, 2008), obtained from ParcelQuest® on July 10, 2008, the referenced site for APN 132-2140-002 was listed as "Pulte Home Corporation."

4.1.2 Aerial Photographs

As part of the previous ESAs, historical aerial photographs of the site and general vicinity were obtained from Cartwright Aerial Surveys in Sacramento, California. Photographs covering the years 1961, 1968, 1976, 1981, 1987 and 1999 were reviewed. The reviewed years of aerial

photography revealed the site historically was used for a residence and irrigated and dry-farmed hay crops and a hobby-size walnut orchard. The site was also used as a Christmas tree farm.

As part of this ESA update, WKA reviewed a 2007 aerial photograph of the site obtained through Microsoft Virtual Earth. The site is shown as fallow land with no existing structures (as discussed in Section 2.2).

4.1.3 Local Street Directories

Local street directories were not researched during this project since the site currently does not have an assigned street address. Prior site use as a residence has been well documented in the prior reports completed for the site.

4.1.4 Building Department Records

Building department records were requested from the City of Elk Grove Building Safety and Inspection Division. One permit was on file for the prior site address of 8355 Poppy Ridge Road: 2006 for the demolition of one dwelling and five sheds/barns.

4.1.5 Zoning and Land Use Records

According to information obtained from the City of Elk Grove Assessor web site (City of Elk Grove, 2008), the site is zoned "RD-15" Residential Development – 15 acres. The listed land use for the APN is detailed below:

Land Use Code	General Description	Specific Description	Detail Description	Use of Parcel
IABBAA	Vacant	Residential	Acreage (10-49ac)	Economically ready for development

4.2 Prior Assessments

The following reports were prepared and reviewed as part of this ESA update:

- Wallace-Kuhl & Associates. *Preliminary Phase 1 Environmental Site Assessment, Laguna Ridge Specific Plan* (included the site and surrounding land areas), May 1998.
- Wallace-Kuhl & Associates. *Phase 1 Environmental Site Assessment Update, Elk Grove Senior Apartments, 8355 Poppy Ridge Road,* September 19, 2003 (WKA No. 4021.19).
- ENGEO. *Phase One Environmental Site Assessment, Laguna Ridge Clusters,* February 2, 2004.
- ENGEO. *Phase II Sample Results, Laguna Ridge Clusters, Elk Grove, California. February 24, 2004.*
- Wallace-Kuhl & Associates. *Reliance Letter and Site Assessment Update, Laguna Ridge – Bayless South Property, 8355 Poppy Ridge Road, City of Elk Grove, California*, July 21, 2004 (WK No. 4021.28).

WKA concluded in the 1998 report:

> WKA did not identify any specific environmental encumbrances related to the site and adjacent properties, although WKA did identify that a farm-exempt UST existed on the site at one time. The site has remained as rural residential and irrigated and dry-farmed haycrop land since at least the early 1950s.

According to the information presented in the subsequent September 19, 2003 ESA Update report prepared by WKA, the following conclusions are provided:

> "Our historic land use research, which included reviews of topographic maps and aerial photography dating back to 1909, reveals that the property has supported a small farm and two rural residential sites, as well as fallow land and agricultural lands cultivated in irrigated pastures, dry-farmed haycrops, hobbyist-size orchard and Christmas trees. These types of agricultural uses typically do not require applications of environmentally persistent pesticides and we anticipate the potential for residual agricultural chemical concentrations to exist in surficial soils is low. This fact was supported by an interview with a senior agricultural inspector with Sacramento County as previously discussed in

our Laguna Ridge Specific Plan report. The subject property has not seen any historic use such as for commercial fruit or nut orchards or intensive rowcrop farmland, where persistent pesticide residuals are sometimes found at elevated concentrations. Therefore, we conclude that sampling and testing for persistent pesticide residuals in surficial soils of the subject property is unwarranted.

The subject property contains one active water supply well and one inactive water supply well. If their uses will cease in the future, each water supply well must be properly destroyed, this procedure requires a well abandonment permit from the Sacramento County Environmental Management Department, Environmental Health Division. The existing residences on the subject property are serviced by on-site septic systems. The septic systems are unlikely to have affected subsurface soils with hazardous materials, based on expected residential waste effluent as opposed to commercial or industrial wastewater discharges. When the property is redeveloped, the septic systems and associated leach fields and/or dry wells must be abandoned in accordance with the recommendations of a qualified geotechnical engineer.

Our field reconnaissance and review of agency records indicate no evidence of significant hazardous materials contamination on or adjacent to the subject property. We observed no evidence of bulk storage or production of hazardous materials during our windshield survey of the property surroundings.

With regards to the former farm-exempt UST on the subject property, the UST was removed with no oversight provided by the local fire district and/or the Sacramento County EMD.

We identified no state or federal Superfund sites within a one-mile radius of the subject property. We identified no agency-listed, contaminated sites on or within one-half mile of the subject property. As such, we have encountered no off-site locations that might have affected the subject property in terms of potential hazardous materials contamination. We identified no known *regional* impairments to groundwater quality beneath or in the vicinity of the subject property during review of the regulatory agency databases described in this report."

According to information provided in the February 24, 2004 *Phase II Sample Results Report*, prepared by ENGEO Incorporated for the site, one 550-gallon UST was removed from the site in approximately 1979. Because the UST was removed under the "agricultural use exemption," (i.e., no permit was required), sampling was not conducted. In February 2006, ENGEO excavated the former UST cavity. According to the ENGEO report, the UST cavity measured 11 feet long, nine feet wide and six feet deep. Soil samples collected from the UST cavity sidewalls and bottom were analyzed for petroleum hydrocarbon compounds, including gasoline, diesel, and Benzene, Toluene, Ethylbenzene and Xylenes. Results of the laboratory analysis indicated that the analyzed compounds were not detected at concentrations exceeding their respective laboratory reporting limits in each of the five samples analyzed. ENGEO concluded, "Based on the observations made of excavated soil, and the laboratory results, we conclude that there are no data indicating historic leakage for the UST formerly operated at the location where samples were collected." A copy of the ENGEO report is included for reference in Appendix C.

WKA completed an ESA Update for the site in July 2004. WKA provided the following summary:

> "[WKA] completed various site assessment updating activities as presented under the following subheadings…We reviewed the ENGEO reports and concur with their methodologies, findings and conclusions.
>
> We completed a current field reconnaissance of the subject property today. From the hazardous materials perspective, conditions at the property are virtually identical to those observed at the time of our referenced report.
>
> The subject property remains as a rural residential site that has been fallowed. As such, little exists for us to describe in this site assessment update, which has not already been described both in our report and in the ENGEO Phase 1 report. Even the immediate neighborhood of the property remains substantially unchanged. The field observations and site assessment conclusions contained in our previous report remain valid.
>
> Based on the innocuous findings in our original site assessment report and our updating field reconnaissance, in our opinion site assessment updating activities beyond this letter are <u>not</u> justified."

4.3 Environmental Record Sources

EDR® was contacted to provide a summary of facilities listed on regulatory agency databases (EDR®, 2007e). Table 1 (attached) is a summary of the researched ASTM required *Standard Environmental Record Sources*, as well as several *Additional Environmental Record Sources*, as defined in Sections 8.2.1 and 8.2.2 of the ASTM Standard. For additional reference, the Executive Summary of the EDR® report is included in Appendix D. A copy of the entire EDR® report is included on the CD attached to the back cover of this report.

4.3.1 Site-Related Database Search Results

Review of the current EDR® report indicates the site is not listed on any of the EDR® databases. Review of the ESA report prepared by ENGEO in 2004 (ENGEO, 2004), noted that the original site address of 8355 Poppy Ridge Road was listed on the Historical UST database. This is consistent with the information presented within the prior reports prepared for the site.

4.3.2 Federal Database Search Results

No federally listed facilities were identified within the EDR® search radius.

4.3.3 State and County Database Search Results

No state listed facilities were identified within the EDR® search radius.

4.3.4 Preliminary Screen For Potential Vapor Intrusion Conditions

WKA conducted a preliminary screening for potential vapor intrusion conditions (pVIC) beneath the site using a pVIC-screening matrix[1]. The matrix included performing a *Search Distance Test* to identify if there are any known or suspect contaminated sites surrounding or upgradient of the site within specific search radii, a *Chemicals of Concern (COC) Test* (for those known or suspect contaminated sites identified within the *Search Distance Test*) to evaluate whether or not COC are likely to be present, and a *Critical Distance Test* to evaluate whether or not COC in a

[1] The Preliminary Screen for Potential Vapor Intrusion Conditions was based on the guidelines presented in the ASTM *E 2600-08 Standard Practice for Assessment of Vapor Intrusion Into Structures on Property Involved in Real Estate Transactions.*

contaminated plume may be within the critical distance of the site (100 feet for non-petroleum hydrocarbon contaminants, and 30 feet for petroleum hydrocarbon contaminants). The Potential Vapor Intrusion Screening Matrix is included in Appendix E. Based on the completion of the potential Vapor Intrusion Condition (pVIC) screening matrix, it is presumed *unlikely* that a pVIC currently exists beneath the site.

4.3.5 Environmental Lien Search

Additionally, an environmental lien search for the site was requested through EDR®. According to EDR® no environmental liens or AULs were found for the site (EDR®, 2008f). The EDR® Environmental Lien Search Report is included in Appendix F.

5.0 CONCLUSIONS AND RECOMMENDATIONS

5.1 Data Gaps

The historical research presented in previous reports documented the site use back to 1909. The time interval between the Standard Historical Sources exceeded the minimum five-year period and therefore represents a data gap. However, the data gap is not considered significant in terms of identifying RECs related to the site since the overall use of the site during the years where the data gaps were identified has not changed significantly.

No other data gaps were identified during the preparation of this report that affects the ability of the Environmental Professional to identify RECs on the site.

5.2 Conclusions

Since the prior ESA reports were completed in 2003 and 2004, the onsite buildings have been demolished and removed from the site. According to file information obtained from the City of Elk Grove, the on-site buildings were demolished under permit in 2006. Two inactive water wells (one domestic well and one irrigation well) remain on site. A 550-gallon underground storage tank (UST) was removed from the site in 1979. In 2006 ENGEO completed soil sampling and analysis from the former UST excavation and determined no data indicating a historical leak from the UST.

The site reconnaissance revealed no evidence of hazardous materials contamination on or adjacent to the site. No locations within the regulatory agency database search radii were encountered that have affected the site in terms of potential hazardous materials contamination. No known *regional* impairments to groundwater quality beneath of in the vicinity of the site were identified during review of the regulatory agency databases described in this report.

WKA interviewed Mr. Rick Jordan with Pulte Homes (current site owner) as part of this ESA update regarding information pertaining to the site use and conditions since the July 21, 2004 ESA update was completed. According to Mr. Jordan, the site has undergone building demolition activities in 2006 and periodic weed abatement. No information was discovered that would indicate RECs are associated with the site. No adverse findings were revealed based on the updating site visit conducted on July 7, 2008.

In summary, WKA has performed this ESA Update, the limited workscope items of which were performed in conformance with the scope and limitations of *Section 4.6 (Continued Viability of Environmental Site Assessment),* and *Sections 4.7* and *8.4 (Prior Assessment Usage)* of the American Society of Testing and Materials (ASTM) *Standard E 1527-05 for Environmental Site Assessments* for the Laguna Ridge Bayless-Pulte Property located in Elk Grove, California.

Based on the completion of the pVIC-screening matrix, WKA concludes it is presumed *unlikely* that a pVIC currently exists beneath the site.

WKA identified no ***new*** agency-listed sites relative to the previous assessments for the site. The site is not an agency-listed site, as stated in the previous reports and based on the new (current) agency database search by EDR®. Consistent with the previous ESAs, this assessment has revealed evidence of a historical REC in connection with the removed UST from the site.

5.3 Recommendations

WKA makes no recommendations for additional site investigation at this time. This recommendation is consistent with the conclusions and recommendations presented in the July 2004 ESA update report prepared for the site.

5.4 Additional Services

Non-scope considerations, such as assessment for naturally occurring asbestos (NOA), wetlands evaluation, indoor air quality, laboratory testing of the soils and groundwater beneath the site for environmental contaminants (such as agricultural-related pesticides, termiticides, polychlorinated biphenyls [PCBs], or arsenic and lead), and assessments for asbestos containing materials and lead-based paint were not included or requested as part of this ESA update. Additionally, this ESA update did not include conducting a vapor intrusion assessment in accordance with the ASTM *E 2600-08 Standard Practice for Assessment of Vapor Intrusion Into Structures on Property Involved in Real Estate Transactions*. These additional components can be provided as part of a Phase II assessment, if requested or warranted.

6.0 LIMITATIONS

The statements and conclusions in this report are based upon the scope of work described above and on observations made only on the date of the field reconnaissance, July 7, 2008. Work was performed using a degree of skill consistent with that of competent environmental consulting firms performing similar work in the area. Information regarding the site that is *publicly available* and *practically reviewable,* as described in the ASTM standard, was obtained. Additional research or receipt of information regarding the site that was not disclosed or available to WKA during this assessment may result in revision of the conclusions. The conclusions in this report should be reevaluated if site conditions change. No recommendation is made as to the suitability of the site for any purpose. The results of this assessment do not preclude the possibility that materials currently or in the future defined as hazardous are present on the site, nor do the results of this work guarantee the potability of groundwater beneath the site. This report is applicable only to the investigated site and should not be used for any other property. No warranty is expressed or implied.

This report is viable for one year from the publication date of the report provided the following components are updated within 180 days of the date of purchase or (for transactions not involving an acquisition) the date of the intended transaction:

- Interviews with current owners/occupants and/or in order to identify changes in site conditions or uses since the publication date of this report
- Searches for recorded environmental cleanup liens
- Visual inspection of the site and of adjoining properties with emphasis on changes in conditions or uses since the publication date of this report
- A current review of federal, state, tribal and county databases
- The declaration by the environmental professional responsible for the assessment.

Environmental Site Assessments completed more than one year prior to the date of purchase must be reviewed and updated in order for the *Environmental Site Assessment* to be considered valid per Section 4.6 (*Continued Viability of Environmental Site Assessment*), and Sections 4.7 and 8.4 (*Prior Assessment Usage*) of the ASTM E 1527-05 Standard.

BPM:RLW:lmb
H:/dept7/7288.29 Laguna Ridge-Bayless Pulte Property ESA

7.0 REFERENCES

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ASTM International. 2008. American Society for Testing and Materials, ASTM Standard E 2600-08, *Standard Practice for Assessment of Vapor Intrusion Into Structures on Property Involved in Real Estate Transactions*, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, Pennsylvania (March 2008).

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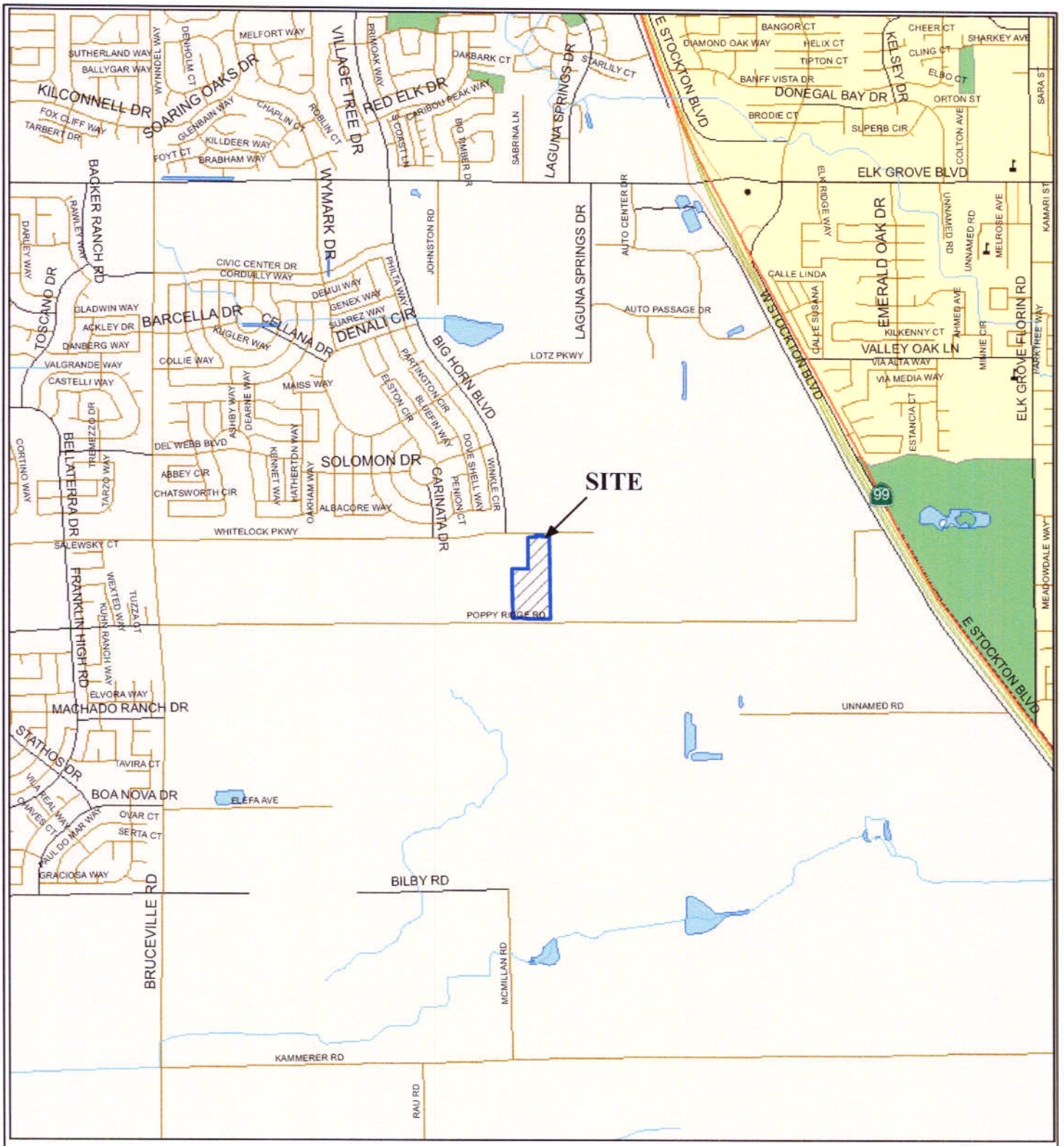
Wallace-Kuhl & Associates. *Reliance Letter and Site Assessment Update, Laguna Ridge – Bayless South Property, 8355 Poppy Ridge Road, City of Elk Grove, California*, July 21, 2004 (WK No. 4021.28).



Adapted from data provided by the
Sacramento Area Council of Governments, 2008
Projection: NAD 83, California State Plane, Zone II

Wallace Kuhl & Associates Inc

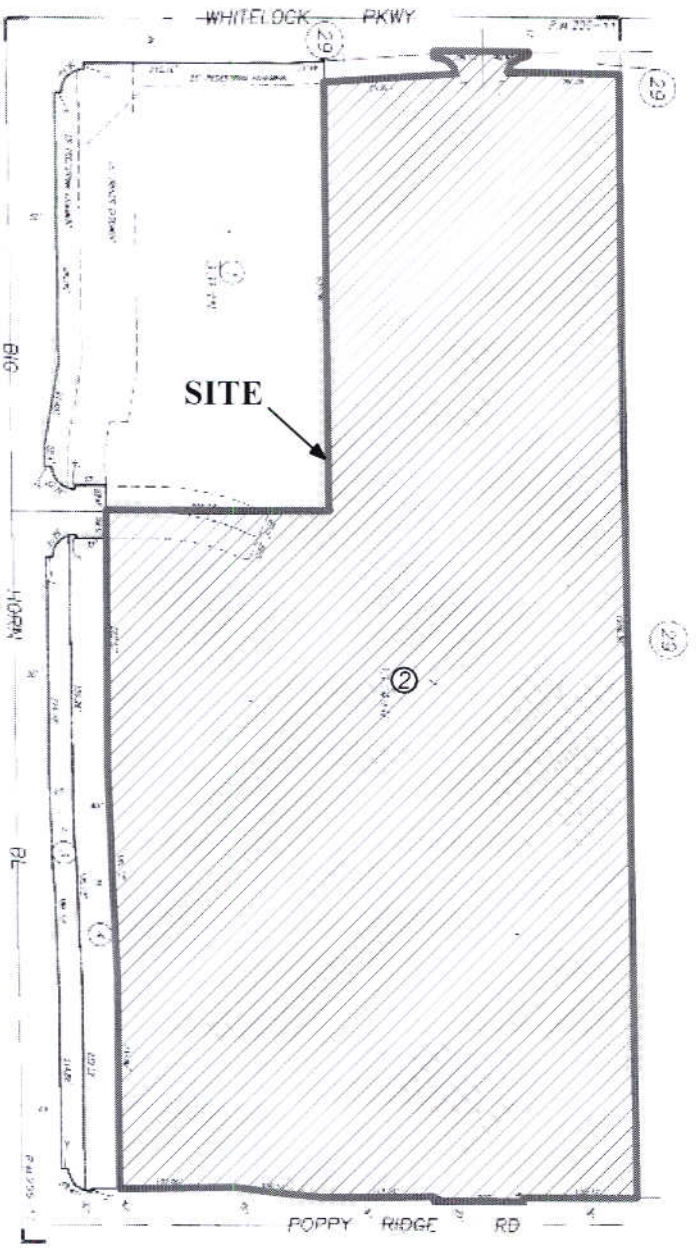
VICINITY MAP

LAGUNA RIDGE - BAYLESS PULTE PROPERTY

Elk Grove, California

FIGURE	1
DRAWN BY	HCS
CHECKED BY	RLW
PROJECT MGR	RLW
DATE	7/08

WKA NO. 7288.29



Adapted from the Sacramento County Assessor's Map Book 132, Page 214.

N

0 100 200

Feet

Wallace Kuhl & Associates, Inc.

PARCEL MAP

LAGUNA RIDGE - BAYLESS PULTE PROPERTY

Elk Grove, California

FIGURE	2
DRAWN BY	HCS
CHECKED BY	RLW
PROJECT MGR	RLW
DATE	7/08

WKA NO. 7288.29

Photo 1: View looking westerly towards the location amongst the trees where the former residence was located.

Photo 2: View looking along the gravel driveway leading into the site from Poppy Ridge Road. The arrow depicts the location of the existing domestic water well (see Photo 4 below).

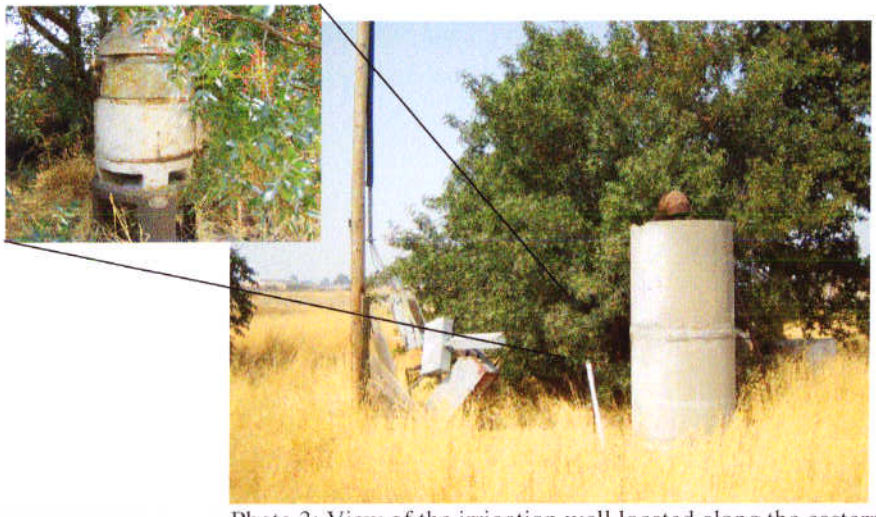


Photo 3: View of the irrigation well located along the eastern site boundary. Inset picture is the wellhead located within the trees.

Photo 4: View of the domestic water well. See Photo 2 above.

Wallace Kuhl & Associates Inc

COLOR PHOTOGRAPHS
LAGUNA RIDGE-BAYLESS PULTE PROPERTY
Elk Grove, California

FIGURE 3 (1 of 2)

DRAWN BY	RLW
CHECKED BY	RLW
PROJECT MGR	RLW
DATE	7/08

WKA NO. 7288.29

Photo 5: View looking east towards the eastern property line. Note the pole-mounted transformer.

Photo 6: View of the area of the former barn and mobile home area.

Photo 7: Looking across the northern portion of the site.

Photo 8: Looking north across the site.

WallaceKuhl & ASSOCIATES INC

COLOR PHOTOGRAPHS
LAGUNA RIDGE-BAYLESS PULTE PROPERTY
Elk Grove, California

FIGURE 3 (2 of 2)

DRAWN BY	RLW
CHECKED BY	RLW
PROJECT MGR	RLW
DATE	7/08

WKA NO. 7288.29

TABLE 1

AGENCY DATABASE SEARCH SUMMARY
LAGUNA RIDGE-BAYLESS PULTE PROPERTY
WKA No. 7288.29

	EDR Listed Database	*ASTM E 1527-05 Search Distance*	No. of Facilities Listed (within Search Radius)
Federal			
Federal NPL Site List	*NPL*	1-mile	0
Federal Delisted NPL Site List	*Delisted NPL*	1/2-mile	0
Federal CERCLIS List	*CERCLIS*	1/2-mile	0
Federal CERCLIS NFRAP Site List	*CERCLIS NFRAP*	1/2-mile	0
Federal RCRA CORRACTS Facilities List	*CORRACTS*	1-mile	0
Federal RCRA Generators List:	*RCRAInfo*		
Small Quantity and Large Quantity Generators	*RCRA SQG*	site & adjoining	0
	RCRA LQG		0
Landfills and Solid Waste Management Units	*RCRA TSDF*	1/2-mile	0
Federal Institutional Control / Engineering Control Registries	*US ENG Controls*	site only	0
	US INST Controls		0
Federal ERNS List	*ERNS*	site only	0
State			
State-equivalent NPL (Hist. Cal-Sites)	*Hist. Cal-Sites*	1-mile	0
State-equivalent CERCLIS	*RESPONSE*	1/2-mile	0
State Landfill and/or Solid Waste Disposal Site Lists	*SWF/LF (SWIS)*	1/2-mile	0
	WMUDS/SWAT		0
State Leaking Underground Storage Tanks	*LUST- Reg 5 Geotracker*	1/2-mile	0
Tribal Leaking Underground Storage	*Indian LUST*	1/2-mile	0
State Registered Underground Storage Tanks	*UST*	site & adjoining	0
Tribal Registered Underground Storage Tanks	*Indian UST*	site & adjoining	0
State Registered Aboveground Storage Tanks	*AST*	site & adjoining	0
State Institutional Control Registries [No State-equivalent for Eng. Controls]	*DEED*	site only	0
State Voluntary Cleanup Sites	*VCP*	1/2-mile	0
State Brownfield Sites	*US Brownfields*	1/2-mile	0
Additional Environmental Record Sources			
Hazardous Waste & Substances Sites List	*CORTESE*	1/2-mile	0
DTSC EnviroStor (includes Cal-Sites)	*EnviroStor*	1-mile	0
SLIC	*SLIC - Reg 5*	1/2-mile	0
Cleaner Facilities	*Drycleaners*	1/4-mile	0
HAZNET	*HAZNET*	1/4-mile	0
Local - County			
Sacramento County Contaminated Sites	*Sac Co CS*	1/2-mile	0
Sacramento County Master List	*Sac Co ML*	1/2-mile	0

BOLD typeface indicates the site is listed on that particular database.
Names and addresses of identifed facilities are listed in the Executive Summary included in Appendix D.
The full EDR Radius Map Report is included on the CD-ROM attached to the back cover of this report.
Database search based on EDR Radius Map Report 2263659.1S datedJuly 8, 2008.

APPENDIX A

Resumes

RANDY WHEELER

SENIOR ENVIRONMENTAL SCIENTIST

Mr. Wheeler has been employed in the fields of soil and groundwater investigations since 1988. With our firm since March 2003, Mr. Wheeler has over 19 years of experience conducting Phase I and Phase II site assessments. These projects include a large variety of properties ranging from single-family residential developments to large-scale commercial and industrial facilities.

He has also performed Phase 1 site assessments for several community-wide projects, including the South Sutter County Specific Plan; the results of which were or will be used to formulate project area specific plans with city and county agencies. Mr. Wheeler has conducted several Brownfields investigations for the City of West Sacramento under the EPA Brownfields Grant program, including the West Capitol Avenue Corridor Study, and the West Capitol West End Community Wide Assessment. His projects have also included Phase 1 studies of several thousand acres of proposed mitigation lands in addition to performing Phase 1 and Phase 2 work on the former Union Pacific Rail yard in West Sacramento.

HIGHER EDUCATION:

California State University, Sacramento
Bachelor of Arts, Geology (1987)

EXPERIENCE:

3/03 – Present	Wallace-Kuhl & Associates, Inc. Senior Environmental Scientist
3/88 – 3/03	Kleinfelder Project Manager

PROFESSIONAL REGISTRATION:

Registered Environmental Assessor I No. 07916; California
Certified Environmental Manager No. 2127, Nevada

PROFESSIONAL AFFILIATIONS:

Groundwater Resources Association

BENJAMIN MCLERNON

SENIOR STAFF ENVIRONMENTAL SCIENTIST

Mr. McLernon has been with Wallace-Kuhl & Associates since May of 2000. During a very short time as the CAD Manager for the drafting department, his dedication and genuine desire to improve productivity dramatically reduced job turnaround time. He also assisted with Environmental Site Assessments (ESAs) and assisted project engineers with soil and core sampling for use in geotechnical reports. Mr. McLernon has brought this job dedication and experience to his current position within the company as a Senior Staff Environmental Scientist. Since 2001, he has completed numerous ESAs in several California Central Valley and Eastern Sierra Nevada counties, including ESAs for proposed school sites. Many of his projects have included Phase 2 assessments for persistent pesticide residuals and petroleum hydrocarbon contamination in soils and/or groundwater. Mr. McLernon's prior field reconnaissance experience in the United States Army lends itself well to the detailed site observations, topographic map interpretations, and aerial photography interpretive skills that are necessary for thorough investigations.

HIGHER EDUCATION:

California State University, Sacramento
Bachelor of Arts, Environmental Studies, Minor in Biology (2006)

EXPERIENCE:

2/07 - Present	Wallace-Kuhl & Associates Sr. Staff Environmental Scientist
2/01 - 2/07	Wallace-Kuhl & Associates Staff Environmental Scientist
5/00 - 2/01	Wallace-Kuhl & Associates CAD Manager
5/97 - 5/00	Kern County Assessor Cadastral Map Drafting Technician

PROFESSIONAL REGISTRATION:

Registered Environmental Assessor I, No. 08137, California

PROFESSIONAL AFFILIATIONS:

Groundwater Resource Association of California

CERTIFICATIONS:

40-Hour HAZWOPER OSHA certification
Medic First Aid® Care Initiator (CPR Inclusive)

RELEVANT PROJECTS:

Van Exel Dairy, Lodi – Domestic and Agricultural Water Sampling
Miller-Auburn Property, Auburn – Phase 1 and Limited Phase 2 Investigation
Mancuso Property, Truckee - Phase 1 Environmental Site Assessment
Crystal Creamery, Sacramento – Phase 1 ESA and Phase 2 Investigation
Natomas Central – Fisherman's Lake, Sacramento – Phase 2 ESA Surface Water Quality Testing
Bradshaw Vineyards, Sacramento – Phase 2 ESA – Agriculture Soils Testing
Gold Rush Ranch, Sutter Creek – Phase 1 ESA and Limited Phase 2 –Mine Tailings

APPENDIX B

ASTM E 1527-05 User Questionnaire

E 1527-05 USER QUESTIONNAIRE
LAGUNA RIDGE-BAYLESS/PULTE PROPERTY

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"), the *user*[1] must provide the following information (if available) to the *environmental professional.* Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete.

(1.) Have you performed a search for environmental cleanup liens and AULs, as described under *User Obligations* in the attached proposal, for the *property?* WK TO DO.

(2.) Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law? NO

(3.) Are you aware of any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? NO

(4.) As the *user* of the report, do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? NO

(5.) Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present on the *property*? YES AND N/A

(6.) Are you aware of commonly known or reasonably ascertainable information about the *property* that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

(a.) Do you know the past uses of the *property*? YES If so, what were they? FARM

(b.) What, if any, specific chemicals are present or once were present at the *property*? NOT KNOWN

(c.) What, if any, spills or other chemical releases have taken place at the *property*? NONE KNOWN

(d.) What, if any, environmental cleanups have taken place at the *property*? NONE KNOWN

---

[1] *User*, as defined in the ASTM Standard is "the party seeking to use Practice E 1527 to complete an *environmental site assessment* of the *property*. A *user* may include, without limitation, a potential purchaser of *property*, a potential tenant of *property*, an *owner* of *property*, a lender, or a *property* manager. The *user* has specific obligations for completing a successful application of this practice as outline in Section 6 [of the ASTM Standard]."

E 1527-05 USER QUESTIONNAIRE (cont.)
LAGUNA RIDGE-BAYLESS/PULTE PROPERTY

(7.) As the *user* of this ESA, based on your knowledge and experience related to the *property* are there any obvious indicators that point to the presence or likely presence of contamination at the *property*? NO

COMPLETION:

I have completed this User Questionnaire to the best of my knowledge and provided all information to the environmental professional as of the following date:

Completed by: Bill Silva Date: 7-3-08

Title: DIRECTOR, CORNERSTONE SERVICES

Signature:

Phone Number: 916 568-3057

Relationship to the Site (ie, owner, lender, property manager): BUYER

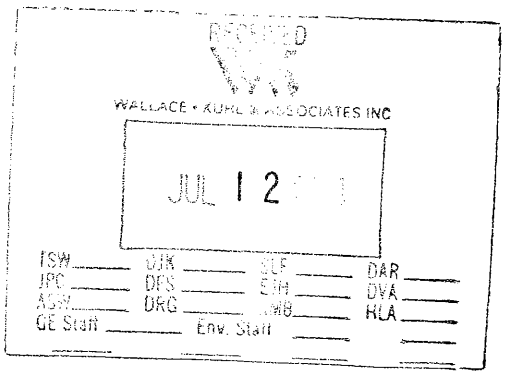
APPENDIX C

ENGEO Incorporated, Phase II Sample Results Report, February 24, 2004

ENGEO INCORPORATED

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
MATERIALS TESTING

Project No.
6150.5.002.02



February 24, 2004

Mr. James G. Van Maren Jr.
Beazer Homes Northern California
3721 Douglas Boulevard, Suite 100
Roseville, CA 95661

Subject: Laguna Ridge Clusters
Elk Grove, California

PHASE II SAMPLE RESULTS

References: ENGEO Incorporated, Phase One Environmental Site Assessment, Laguna Ridge Clusters, Project No. 6150.5.002.01, February 2, 2004

ENGEO Incorporated, Proposal for Phase II Evaluation, Laguna Ridge Clusters, Project No. 6150.5.002.02, January 16, 2004

Dear Mr. Van Maren:

ENGEO Incorporated (ENGEO) prepared this letter describing the results of the Phase II sampling activity performed at the property located at 8355 Poppy Ridge Road as outlined in our Proposal for Phase II Evaluation dated January 16, 2004.

BACKGROUND

The Property is located at 8355 Poppy Ridge Road in Elk Grove, California. ENGEO Incorporated completed a PSA for the Property dated February 2, 2004 in accordance with our agreement dated December 17, 2003.

Information reviewed during the PSA revealed that one 550-gallon UST had been removed from the Property in approximately 1979. The information revealed that the UST was used exclusively for agriculture purposes and that the historic contents were reported to have been limited to gasoline. Because the UST was removed under the agriculture use exemption, soil sampling was not conducted and there is no record to indicate whether the UST may have leaked during its operation. The PSA, therefore, contained a recommendation that soil sampling be

conducted to further evaluate whether fuel product is present at detectable concentrations in soil at the former UST location.

SCOPE OF SERVICES

Prior to the start of work, the excavation location was determined and Underground Service Alert (USA) contacted for underground utility clearance. The former UST cavity was excavated with the excavation measuring approximately 11 feet long, 9 feet wide, and 6 feet deep. Based on the character of the soil exposed by the trenching, we were able to visually confirm the location of all four sidewalls and the floor of the former UST cavity.

Sample Collection

We visited the site on February 6, 2004 to observe excavation of the former UST location and collect soil samples for laboratory analysis.. Based on information gathered in the PSA, we assumed that the chemicals of concern are limited to gasoline and diesel fuel products. The excavation was performed using a backhoe provided by Ron Tilford Backhoe and soil samples were collected using manual soil coring equipment.

A photo ionization detector (PID) was used to monitor headspace for hydrocarbon vapors using soil samples collected from the excavation sidewalls and floor. No hydrocarbon odors were indicated by odors detected by field personnel or by headspace measurements made using the PID.

Two areas of dark brown to black soil staining were observed during the excavation. One of the stained areas was on surface soil that exhibited characteristics of historical oiling of the driveway. A sample was collected from the other stained area, which was discovered at a depth of 3.5 feet below the ground surface along the north wall of the trench.

A total of five samples were collected from the native soil along the four side walls and the floor of the former tank location. The sample along the northern wall originated from the stained soil, as described above. The approximate locations where the five samples were collected are illustrated on Figure 2. The results of the PID measurements are presented in Table 1. ENGEO field personnel did not observe any petroleum hydrocarbon odors emanating from the native soil in the trench.

Prior to sampling at each location, all sampling equipment was decontaminated using a 3-step decontamination process which included 1) wash in an Alconox detergent solution; 2) rinsing in two clean water baths; and, 3) final rinse with clean water spray. Samples 2(N42-48), 3(W46-52), 4(S53-59), and 5(E48-54) were collected using a slide hammer to drive 2" ID core sampler with brass sleeve. The sample from the bottom of the trench, 6(B80-86) was collected from the spoils in the backhoe bucket. In doing so, we made an effort to sample from a discrete location in order to sample at the target depth. All samples were logged according to the Unified Soil Classification System (USCS) to describe soil type, color, and moisture. Each sample tube was sealed using a Teflon sheet secured by a tight-fitting plastic cap on each end. Samples were labeled to indicate a

unique sample number, sample location, time and date collected, and the sampler's identification. Samples were preserved in a chilled cooler and transported to Excelchem Environmental Laboratories, Inc. (Excelchem) of Roseville, California (DHS Certificate No. 2119) with completed chain-of-custody documentation.

One sample was collected from the native material exposed in each of the sidewalls of the trench at approximately 4.5 to 5.0 feet below the ground surface (bgs). This included the sample from the stained soil in the northern wall. The second area of staining was found 3.5 feet below the ground surface along the northern wall of the trench. The stain was a darker brown to black color relative to the native soil. When tested with the PID, no hydrocarbons were detected. This soil was sampled and submitted to the laboratory as sample 2(N42-48). When native material was encountered in the base of the excavation (approximately 6 feet bgs) another sample was collected. The location of the trench and five sample locations are recorded on Figure 2.

Laboratory Analyses

We submitted a total of five samples to Excelchem for analysis of total petroleum hydrocarbons as gasoline using EPA Method 8015, total petroleum hydrocarbons as diesel using EPA Method 8015m, and BTEX (benzene, toluene, ethylbenzene, and total xylenes) using EPA Method 602, and 8020. Results of the analysis are reported in milligrams per kilogram (mg/kg).

Laboratory results indicate that total petroleum hydrocarbons as gasoline, diesel, benzene, toluene, ethylbenzene, or total xylenes were not detected at concentrations exceeding their laboratory reporting limits in the five samples submitted for analysis.

CONCLUSIONS

Based on the observation made of excavated soil, and the laboratory results, we conclude that there are no data indicating historic leakage for the UST formerly operated at the location where samples were collected.

If you have any questions or comments regarding this letter, please call and we will be glad to discuss them with you.

Sincerely,

ENGEO Incorporated

Lauren N. Johnson
Environmental Technician

Reviewed by:

Dennis B. Nakamoto, CEG, C. HG, REA II
Associate

Attachment: Figure 1 – Site Vicinity Map
Figure 2 – Trench and Sample Location Map
Table 01 – PID Measurements
Test Pit Log
Laboratory Data Sheets
Laboratory Chain-of-Custody Documentation

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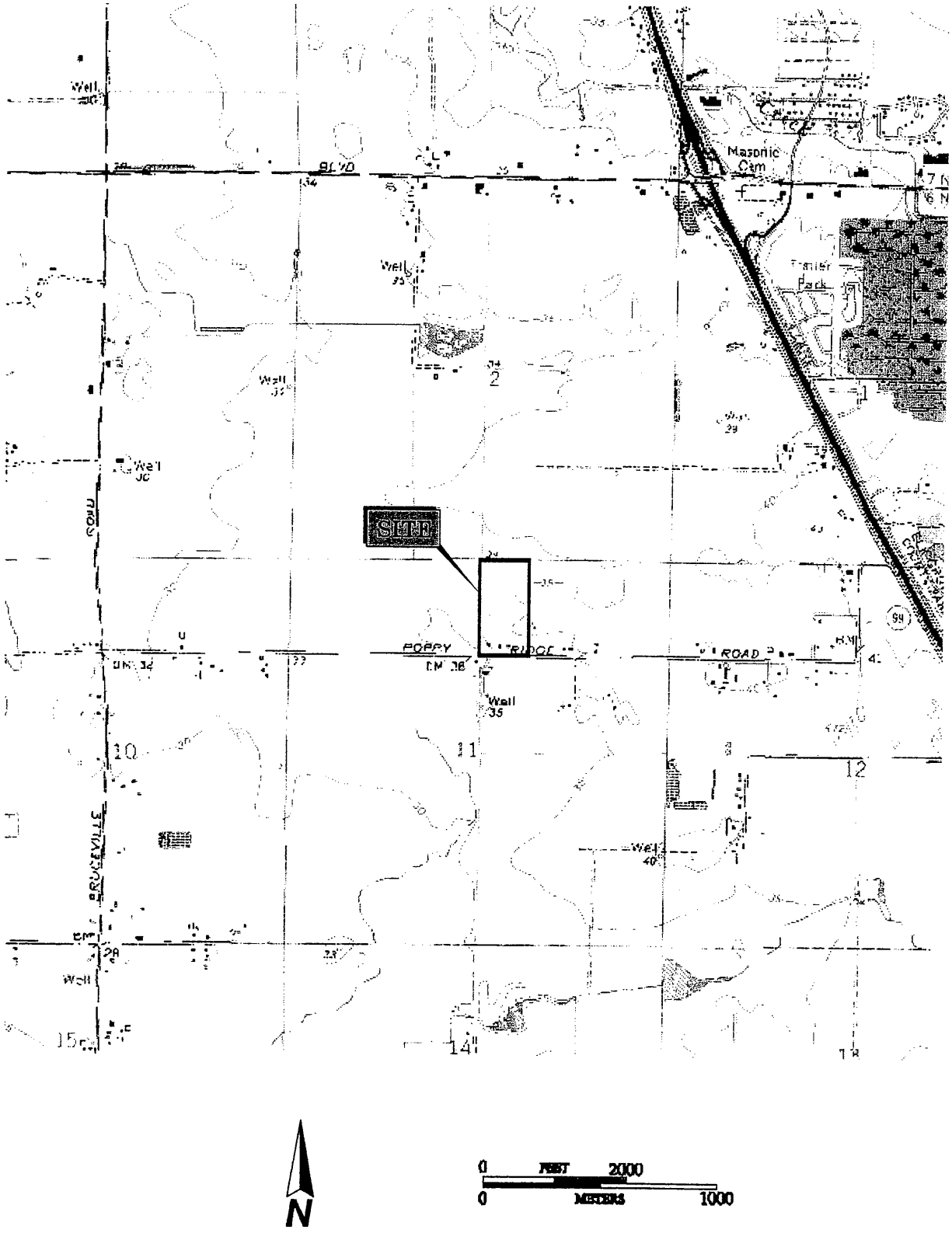

BASE MAP SOURCE: U.S.G.S.

ENGEO INCORPORATED
EXCELLENT SERVICE SINCE 1971

ORIGINAL FIGURE PRINTED IN COLOR

SITE VICINITY MAP
LAGUNA RIDGE CLUSTERS
ELK GROVE, CALIFORNIA

PROJECT NO.: 6150.5.002.02		FIGURE NO. 1
DATE: FEBRUARY 2004		
DRAWN BY: DLB	CHECKED BY:	

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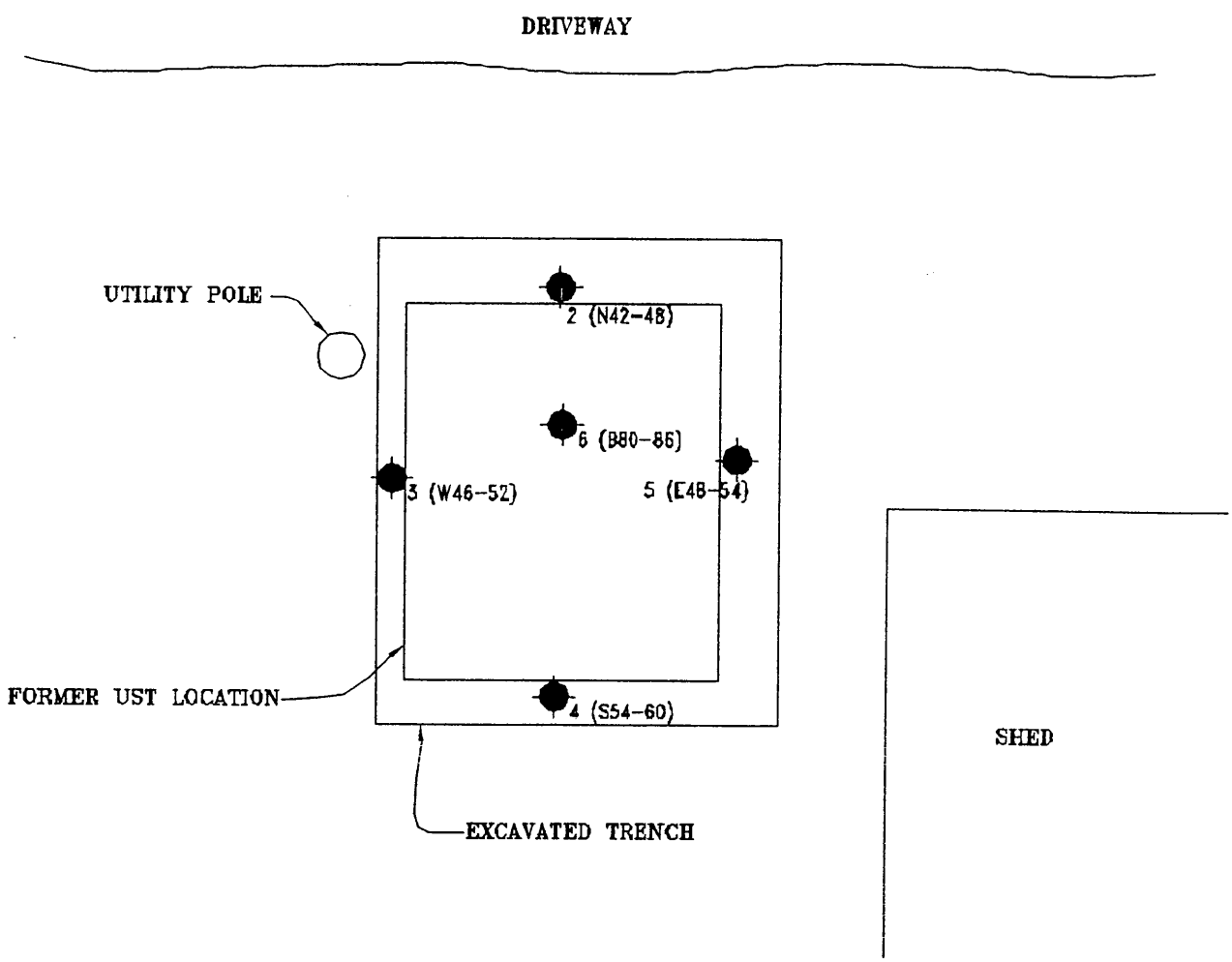

EXPLANATION

6 (B80-86) APPROXIMATE LOCATION OF SAMPLE SHOWING DEPTH BELOW GROUND SURFACE IN INCHES

N

0 FEET 4
0 METERS 2

ENGEO INCORPORATED
EXCELLENT SERVICE SINCE 1971

TRENCH AND SAMPLE LOCATION MAP

LAGUNA RIDGE CLUSTERS

ELK GROVE, CALIFORNIA

PROJECT NO.: 6150.5.002.02	FIGURE NO. 2
DATE: FEBRUARY 2004	
DRAWN BY: SRP	CHECKED BY:

LAGUNA RIDGE CLUSTERS
ELK GROVE, CALIFORNIA

PHOTO IONIZATION MEASUREMENTS

Bag Number	Location of sample	Depth (inches BGS)	Description	PID Reading (PPM)
0	Background: Fresh Air	NA	NA	1.7
1	east side of trench, 3 feet from NW corner of shed	0-7	black, stained soil, very hard, no odor	1.5
2	north side of trench	8-20	clayey silt, brown, soft, no odor	1.5
3	north side of trench	36-48	clayey silt, brown, soft, no odor	1.5
4	north side of trench	72	silty clay, very hard, brown, no odor	1.6
5	east side of trench, 3 feet from NW corner of shed	18	silty clay, very hard, slight black staining, no odor	1.3
6	north side of trench	42	clayey silt, dark brown with black dirt/stain, soft, no odor	1.1

LAGUNA RIDGE CLUSTERS
ELK GROVE, CALIFORNIA

TEST PIT LOGS

Test Pit Number	Depth (Feet)	Description
TP2	3.5 – 4.0	SILTY CLAY (CH), dark brown, medium stiff, moist, medium plasticity, horizontal sample. Bottom of test pit at 1.5 feet. No free ground water encountered
TP3	3.75 – 4.25	SILTY CLAY (CH), dark brown, medium stiff, moist. Bottom of test pit at 4.5 feet. No free ground water encountered.
TP4	4.5 – 5	SILTY CLAY (CH), dark brown, very stiff, moist. Bottom of test pit at 5 feet. No free ground water encountered.
TP5	4 – 4.5	SILTY CLAY (CH), reddish brown, very stiff, moist. Bottom of test pit at 4.5 feet. No free ground water encountered.
TP6	6.5 –7	SILTY SAND (SM), yellowish brown, very dense, dry to moist. Bottom of test pit at 7 feet. No free ground water encountered.

EXCELCHEM
ENVIRONMENTAL LABS

500 Giuseppe Court, Suite 3
Roseville, CA 95678
Phone#: (916) 773-3664 Fax#: (916) 773-4784

ANALYSIS REPORT

Attention: Brian Yates
Engeo
631 Commerce Drive, Ste. 100
Roseville, CA 95678
Project: Laguna Ridge Clusters / 6150.5.002.02
Method: EPA 8020/8015m

Date Sampled: 02/06/04
Date Received: 02/13/04
BTEX/TPHg Analyzed: 02/09/04
TPHd Analyzed: 02/11/04

Client Sample I.D.	2 (N42-48)		3 (W46-52)		4 (S53-59)		5 (E48-54)		6 (B80-86)	
LAB. NO.	S0204143		S0204144		S0204145		S0204146		S0204147	
ANALYTE	R/L	Results	R/L	Results	R/L	Results	R/L	Results	R/L	Results
Benzene	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Toluene	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Ethylbenzene	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND
Total Xylenes	0.040	ND	0.040	ND	0.040	ND	0.040	ND	0.040	ND
TPH as Gasoline	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND
TPH as Diesel	1.0	ND	1.0	ND	1.0	ND	1.0	ND	1.0	ND

QA/QC %RECOVERY		
	LCS	LCSD
Benzene	99	101
Toluene	97	99
Ethylbenzene	98	99
Total Xylenes	92	94
TPH as Diesel	102	97

QA/QC Analyzed: 02/06/04
TPHd QA/QC Analyzed: 02/11/04

ND = Not detected. Compound(s) may be present at concentrations below the reporting limit.
R/L = Reporting Limit
Soil samples reported in mg/kg

Laboratory Representative

02/12/04
Date Reported

EXCELCHEM ENVIRONMENTAL LABS IS CERTIFIED BY THE STATE OF CALIFORNIA
DEPARTMENT OF HEALTH SERVICES AS A HAZARDOUS WASTE TESTING LABORATORY
(Certification No. 2119)

PAGE 02

Excelchem
Environmental Labs

500 Giuseppe Court, Suite 3
Roseville, CA 95678
Ph: 916-773-3664 Fx: 916-773-4784

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Bryan Yates
Phone #: 916 786 8883
Company/Address: ENGEO, 631 Commerce Drive #100, Roseville CA 95678
Fax #: 916 786 7891
Project Number/P.O#: 6150.5.002.02
Project Name: Laguna Ridge Clusters
Project Location: Elk Grove, CA
Sampler Signature: Lauren N. Johnson

Electronic Data Deliverables Request:
Global I.D.#:
COC #:
Location I.D.#:
Email Address:

ANALYSIS REQUEST

Page of

Bin# 9

Due Date: 02/13

Sample ID	Sampling Date	Sampling Time	Container: VOA	Container: SLEEVE	Container: 1L GLASS	Container: PLASTIC	Method Preserved: HCl	Method Preserved: HNO3	Method Preserved: ICE	Method Preserved: NONE	Matrix: WATER	Matrix: SOIL	Matrix: AIR	BTEX/TPH as Gasoline (602/8020/8015)	MTBE (8020/8260B)	TPH as Diesel (8015m)	TPH as Oil (8015m)	Total Oil & Grease (SM-18th Ed 5520B,F)/166	Pesticides (608/8081A)	PCBs (8082)	VOC Full list (8260B)	5 Oxygenates (8260B)	Methanol/Ethanol (8015/8260)	Lead Scavengers DCA/EDB (8260B)	Semi VOC Full List (8270C)	CAM 17 Metals	Lead	Cd, Cr, Pb, Zn, Ni (CAM 5)	Requested TAT: 12hr/24hr/48hr/72hr/1wk	LAB USE ONLY:
2 (N42-48)	2/6/04	1:43		X					X			X		X		X														X	S0204143
3 (W46-52)	2/6/04	1:55		X					X			X		X		X														X	S0204144
4 (S53-57)	2/6/04	2:04		X					X			X		X		X														X	S0204145
5 (E48-54)	2/6/04	2:11		X					X			X		X		X														X	S0204146
6 (B80-86)	2/6/04	2:22		X					X			X		X		X														X	S0204147

Wet
Total

Relinquished by:
Date Time
Received by:

Relinquished by:
Date Time
Received by:

Relinquished by: Lauren N. Johnson
Date 2/6/04 Time 17:00
Received by Laboratory: Bryce Morgan

Remarks/Condition of Sample:

Bill To:

02/12/2004 15:58 9167734784

APPENDIX D

EDR® Radius Map Report Executive Summary

LAGUNA RIDGE BAYLESS_PULTE UPDATE
8355 Poppy Ridge Road
Elk Grove, CA 95758

Inquiry Number: 2263659.1s
July 08, 2008

The EDR Radius Map™ Report

EDR® Environmental Data Resources Inc

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

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Orphan Summary	7
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

GeoCheck - Not Requested

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

8355 POPPY RIDGE ROAD
ELK GROVE, CA 95758

COORDINATES

Latitude (North):	38.390830 - 38° 23' 27.0"
Longitude (West):	121.397320 - 121° 23' 50.4"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	639968.8
UTM Y (Meters):	4250189.0
Elevation:	37 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	38121-D4 FLORIN, CA
Most Recent Revision:	1980

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 6 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
CONRAD/JOYCE AARSETH 8355 POPPY RIDGE RD ELK GROVE, CA 95624	HIST UST	N/A

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:

FEDERAL RECORDS

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
Delisted NPL..... National Priority List Deletions

EXECUTIVE SUMMARY

NPL LIENS	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
LIENS 2	CERCLA Lien Information
CORRACTS	Corrective Action Report
RCRA-TSDF	RCRA - Transporters, Storage and Disposal
RCRA-LQG	RCRA - Large Quantity Generators
RCRA-SQG	RCRA - Small Quantity Generators
RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generator
RCRA-NonGen	RCRA - Non Generators
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
DOT OPS	Incident and Accident Data
US CDL	Clandestine Drug Labs
US BROWNFIELDS	A Listing of Brownfields Sites
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
LUCIS	Land Use Control Information System
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
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

STATE AND LOCAL RECORDS

HIST Cal-Sites	Historical Calsites Database
CA BOND EXP. PLAN	Bond Expenditure Plan
SCH	School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites
SWF/LF	Solid Waste Information System
CA WDS	Waste Discharge System
WMUDS/SWAT	Waste Management Unit Database
Cortese	"Cortese" Hazardous Waste & Substances Sites List
SWRCY	Recycler Database
LUST	Geotracker's Leaking Underground Fuel Tank Report
CA FID UST	Facility Inventory Database
SLIC	Statewide SLIC Cases
Sacramento Co. CS	CS - Contaminated Sites
UST	Active UST Facilities

EXECUTIVE SUMMARY

LIENS	Environmental Liens Listing
AST	Aboveground Petroleum Storage Tank Facilities
SWEEPS UST	SWEEPS UST Listing
CHMIRS	California Hazardous Material Incident Report System
Notify 65	Proposition 65 Records
DEED	Deed Restriction Listing
VCP	Voluntary Cleanup Program Properties
DRYCLEANERS	Cleaner Facilities
WIP	Well Investigation Program Case List
CDL	Clandestine Drug Labs
Sacramento Co. ML	ML - Regulatory Compliance Master List
RESPONSE	State Response Sites
HAZNET	Facility and Manifest Data
EMI	Emissions Inventory Data
ENVIROSTOR	EnviroStor Database
HAULERS	Registered Waste Tire Haulers Listing

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN ODI	Report on the Status of Open Dumps on Indian Lands
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land
INDIAN VCP	Voluntary Cleanup Priority Listing

EDR PROPRIETARY RECORDS

Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

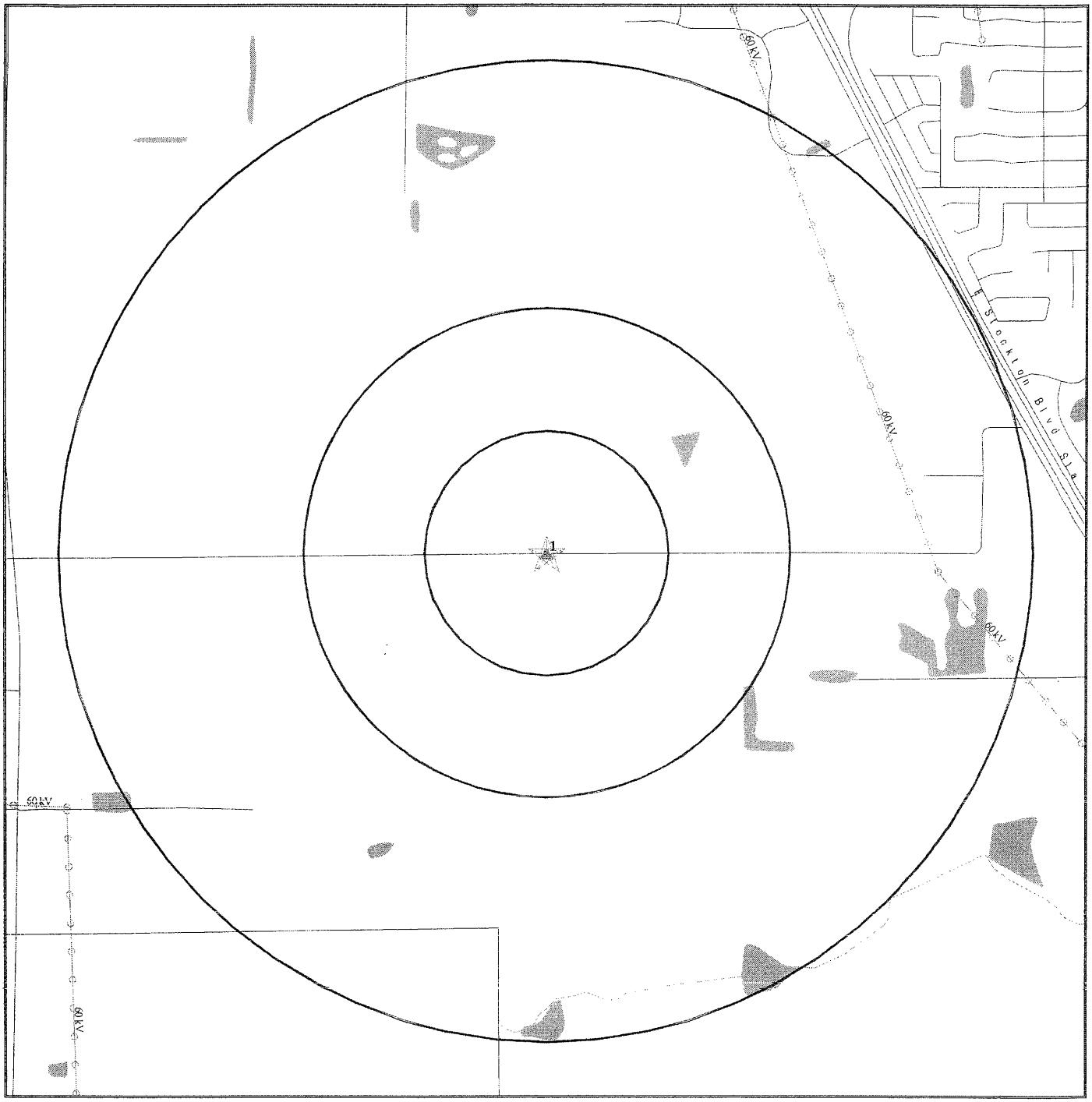
Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

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

Site Name	Database(s)
1X SAMPAT, KEN	HAZNET, CHMIRS
PG&E BRANNAN ISLAND	CHMIRS, SLIC
P G & E	HAZNET
EGUSD-FRANKLIN HIGH SCHOOL	HAZNET
8521 LAGUNA ST RD/WASTE WATER TREATMENT	ERNS
RYCHARD'S LAGUNA MOVING SUPPLIES	Sacramento Co. ML
FRONTIER CITIZENS TELECOM CO OF CA	Sacramento Co. ML

OVERVIEW MAP - 2263659.1s



0 1/4 1/2 1 Miles

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

SITE NAME: LAGUNA RIDGE BAYLESS_PULTE UPDATE ADDRESS: 8355 Poppy Ridge Road Elk Grove CA 95758 LAT/LONG: 38.3908 / 121.3973	CLIENT: Wallace - Kuhl & Associates CONTACT: Randy L. Wheeler INQUIRY #: 2263659.1s DATE: July 08, 2008 2:11 pm

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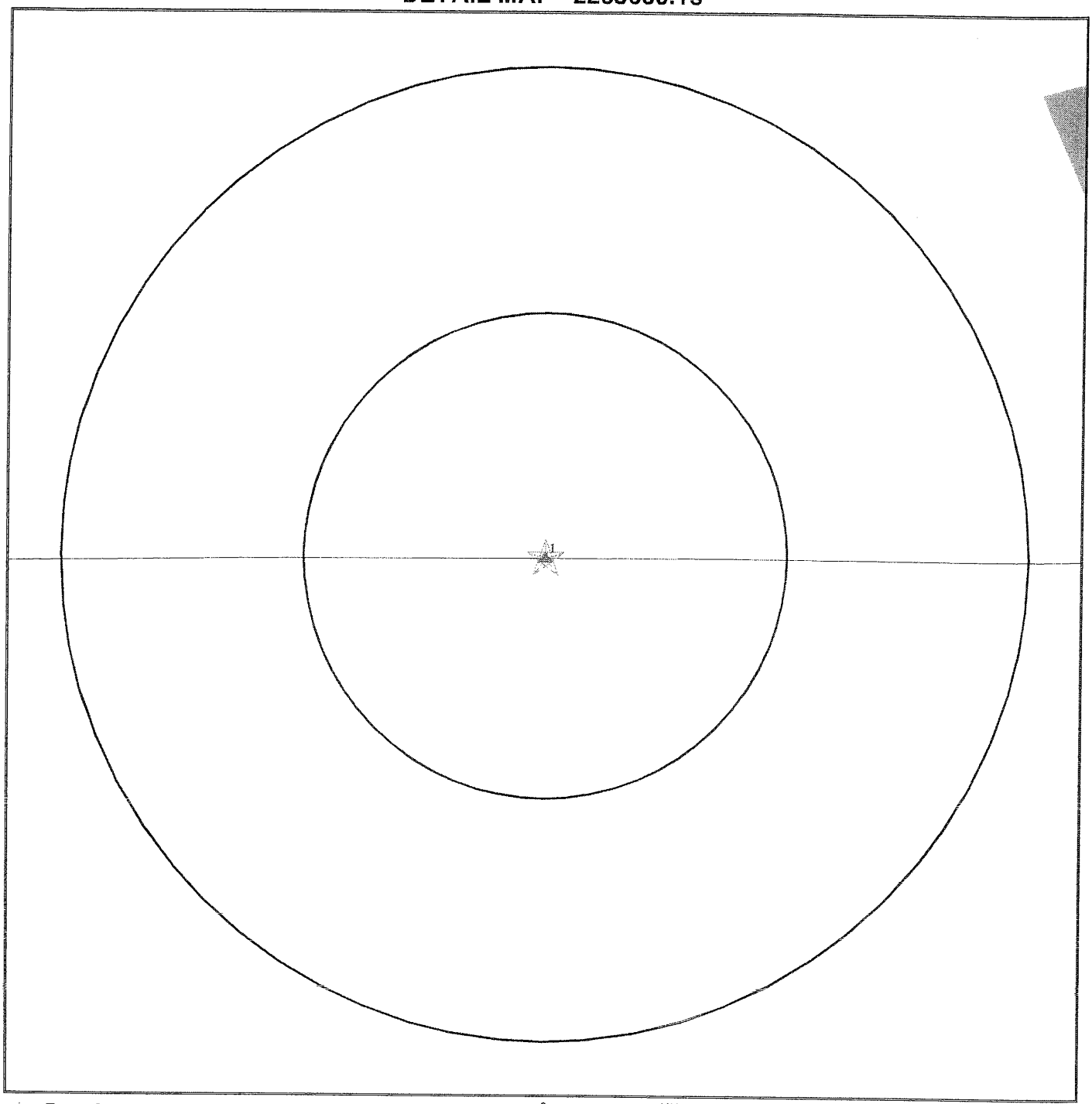
DETAIL MAP - 2263659.1s



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- 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

SITE NAME: LAGUNA RIDGE BAYLESS_PULTE UPDATE ADDRESS: 8355 Poppy Ridge Road Elk Grove CA 95758 LAT/LONG: 38.3908 / 121.3973	CLIENT: Wallace - Kuhl & Associates CONTACT: Randy L. Wheeler INQUIRY #: 2263659.1s DATE: July 08, 2008 2:11 pm

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APPENDIX E

Preliminary Screen For Potential Vapor Intrusion Conditions Matrix

Preliminary Screen for Potential Vapor Intrusion Conditions Matrix
LAGUNA RIDGE-BAYLESS PULTE PROPERTY
WKA No. 7288.29

Phase I ESA Preliminary Screen for Potential Vapor Intrusion Conditions (pVIC) matrix includes a (1) ***Search Radius Test***, (2) ***Chemicals of Concern Test (COC)***, and (3) a ***Critical Distance Test***[1].

(1) Search Radius Test: Are there any known or suspect contaminated sites in the primary area of concern within the corresponding search radii? (see attached Table 1).

☐ Yes ☒ No If No, then screening for a pVIC is complete and no pVIC *currently* exists, go to #4. If Yes, then:

(2) **Chemicals of Concern**[2] **Test**: Are COC likely to be present within the area of concern for those known or suspect contaminated sites identified based on the Search Distance Test?

☐ Yes ☒ No If No, then screening for a pVIC is complete and no pVIC *currently* exists, go to #4. If Yes, then:

If Yes, check all COC that apply on attached Table 2.

(3) Critical Distance Test: A plume test to determine whether or not COC in the contaminated plume(s) may be within the critical distance.

(3a) Is information related to the contaminated(s) plume available (i.e. isoconcentration maps, site drawings, etc.)?
☐ Yes ☒ No

(3b) If ***No***, then screening for a pVIC is complete and no pVIC *currently* exists, go to #4. If ***Yes***, then:

(3c) Is the site less than 100 feet to the nearest edge of a contaminated [non-petroleum hydrocarbon] plume(s)?
☐ Yes ☒ No

(3d) Is the site less than 30 feet to the nearest edge of a dissolved petroleum hydrocarbon plume(s)?
☐ Yes ☒ No

If the distance from the nearest edge of a contaminated plume to the nearest existing or planned structure on the site is less than 100 feet for non-petroleum hydrocarbon COC, or less than 30 feet for dissolved petroleum hydrocarbons, then it is presumed that a pVIC *currently* exists beneath the site. If the distance from the nearest edge of the contaminated plume is greater than or equal to 100 feet for non-petroleum hydrocarbons, or 30 feet for dissolved petroleum hydrocarbon chemicals of concern, then it is presumed unlikely that a pVIC *currently* exists beneath the site.

(4) Is it likely that a pVIC *currently* exists beneath the site?

☐ Yes ☒ No If *Yes*, then recommend performing a full scope VIC assessment according to ASTM E 2600-08.

[1] Based on guidance presented in the ASTM E 2600-08 Standard.

[2] Chemical(s) of concern (COC): See attached table for typical chemicals of concern (as presented in Appendix X6 of the ASTM E 2600-08 Standard).

Table 1
Preliminary Screen for Potential Vapor Intrusion Conditions Search Distance Test

	Non Petroleum Hydrocarbon Chemicals of Concern		*Petroleum Hydrocarbon Chemicals of Concern*		No. of Facilities Listed (within Search Radius)
	Surrounding the Site	*Upgradient of the Site*	*Surrounding the Site*	*Upgradient of the Site*	
Federal	**Approximate Minimum Search Distance (miles)**				
Federal NPL Site List	*1/3*	*1*	*1/10*	*1/10*	0
Federal CERCLIS List	*1/3*	*1/2*	*1/10*	*1/10*	0
Federal RCRA CORRACTS facilities	*1/3*	*1*	*1/10*	*1/10*	0
Federal RCRA non CORRACTS TSD facilities	*1/3*	*1/2*	*1/10*	*1/10*	0
Federal Institutional Control / Engineering Control Registries	*site only*	-	*site only*	-	0
Federal ERNS List	*site only*	-	*site only*	-	0
State					
State-equivalent NPL (Hist. Cal-Sites)	*1/3*	*1*	*1/10*	*1*	0
State-equivalent CERCLIS (RESPONSE)	*1/3*	*1/2*	*1/10*	*1/2*	0
State Landfill and/or Solid Waste Disposal Site Lists	*1/3*	*1/2*	*1/10*	*1/2*	0
Leaking Underground Storage Tanks (LUST)	*1/3*	*1/2*	*1/10*	*1/2*	0
Registered Storage Tanks (ASTs and USTs)	*site only*	-	*site only*	-	0
Institutional Control Registries [No State-equivalent for Eng. Controls]	*site only*	-	*site only*	-	0
Voluntary Cleanup Sites	*1/3*	*1/2*	*1/10*	*1/2*	0
Brownfield Sites	*1/3*	*1/2*	*1/10*	*1/2*	0
Additional Environmental Record Sources					
DTSC EnviroStor	*1/3*	*1/2*	*1/10*	*1/2*	0
SLIC	*1/3*	*1/2*	*1/10*	*1/2*	0
Cleaner Facilities	*1/3*	*1/2*	*1/10*	*1/2*	0

1/3 mile = 1,760 feet
1/2 mile = 2,640 feet
1/10 mile = 528 feet

Table 2
Preliminary Screen for Potential Vapor Intrusion Conditions
Typical Chemicals of Concern for the Vapor Intrusion Pathway
Check All That Apply

- ☐ Acenaphthene
- ☐ Acetaldehyde
- ☐ Acetone
- ☐ Acetonitrile
- ☐ Acetophenone
- ☐ Acrolein
- ☐ Acrylonitrile
- ☐ Aldrin
- ☐ alpha-HCH (alpha-BCH)
- ☐ Benzaldehyde
- ☐ Benzene
- ☐ Benzo(b)fluoranthene
- ☐ Benzylchloride
- ☐ beta-Chloronaphthale
- ☐ Biphenyl
- ☐ Bis(2-chloroethyl)ether
- ☐ Bis(2-chloroisopropyl)ether
- ☐ Bis(chloromethyl)ether
- ☐ Bromodichloromethane
- ☐ Bromoform
- ☐ 1,3-Butadiene
- ☐ Carbon disulfide
- ☐ Carbon tetrachloride
- ☐ Chlordane
- ☐ 2-Chloro-1,3-butadiene (chloroprene)
- ☐ Chlorobenzene
- ☐ 1-Chlorobutane
- ☐ Chlorodibromomethane
- ☐ Chlorodifluoromethane
- ☐ Chloroethane (ethyl chloride)
- ☐ Chloroform
- ☐ 2-Chlorophenol
- ☐ 2-Chloropropane
- ☐ Chrysene
- ☐ cis-1,2-Dichloroethylene
- ☐ Crotonaldehyde (2-butenal)
- ☐ Cumene
- ☐ DDE
- ☐ Dibenzofuran
- ☐ 1,2-Dibromo-3-chloropropane
- ☐ 1,2-Dibromoethane (ethylene
- ☐ 1,3-Dichlorobenzene
- ☐ 1,2-Dichlorobenzene
- ☐ 1,4-Dichlorobenzene
- ☐ Dichlorodifluoromethane
- ☐ 1,1-Dichloroethane
- ☐ 1,2-Dichloroethane
- ☐ 1,1-Dichloroethylene
- ☐ 1,2-Dichloropropane
- ☐ 1,3-Dichloropropene
- ☐ Dieldrin
- ☐ Endosulfan
- ☐ Epichlorohydrin
- ☐ Ethyl ether
- ☐ Ethylacetate
- ☐ Ethylbenzene
- ☐ Ethylene oxide
- ☐ Ethylmethacrylate
- ☐ Fluorene
- ☐ Furan
- ☐ gamma-HCH (Lindane)
- ☐ Heptachlor
- ☐ Hexachloro-1,3-butadiene
- ☐ Hexachlorobenzene
- ☐ Hexachlorocyclopentadiene
- ☐ Hexachloroethane
- ☐ Hexane
- ☐ Hydrogen cyanide
- ☐ Isobutanol
- ☐ Mercury (elemental)
- ☐ Methylacrylonitrile
- ☐ Methoxychlor
- ☐ Methyl acetate
- ☐ Methyl acrylate
- ☐ Methyl bromide
- ☐ Methyl chloride (chloromethane)
- ☐ Methylcyclohexane
- ☐ Methylene bromide
- ☐ Methylene chloride
- ☐ Methylethylketone (2-butanone)
- ☐ Methylisobutylketone
- ☐ Methylmethacrylate
- ☐ 2-Methylnaphthalene
- ☐ MTBE
- ☐ m-Xylene
- ☐ Naphthalene
- ☐ n-Butylbenzene
- ☐ Nitrobenzene
- ☐ 2-Nitropropane
- ☐ N-Nitroso-di-n-butlyamine
- ☐ n-Propylbenzene
- ☐ o-Nitrotoluene
- ☐ o-Xylene
- ☐ vp-Xylene
- ☐ Polychlorinated biphenyls (PCBs)
- ☐ Pyrene
- ☐ sec-Butlybenzene
- ☐ Styrene
- ☐ tert-Butylbenzene
- ☐ 1,1,1,2-Tetrachloroethane
- ☐ 1,1,2,2-Tetrachloroethane
- ☐ Tetrachloroethylene (PCE)
- ☐ Toluene
- ☐ trans-1,2-Dichloroethylene
- ☐ 1,1,2-Trichloro-1,2,2-trifluoroethane
- ☐ 1,2,4-Trichlorobenzene
- ☐ 1,1,2-Trichloroethane
- ☐ 1,1,1-Trichloroethane
- ☐ Trichloroethylene
- ☐ Trichlorofluoromethane
- ☐ 1,2,3-Trichloropropane
- ☐ 1,2,4-Trimethylbenzene
- ☐ 1,3,5-Trimethylbenzene
- ☐ Vinyl acetate
- ☐ Vinyl chloride (chloroethene)

Petroleum Hydrocarbons:

- ☐ Gasoline/BTEX/MtBE
- ☐ Diesel

APPENDIX F

The EDR® Environmental Lien Search Report

The EDR Environmental Lien Search Report

LAGUNA RIDGE BAYLESS_PULTE UPDATE
8355 POPPY RIDGE ROAD
ELK GROVE, CALIFORNIA

Thursday, July 17, 2008

Project Number: L08-04345

The Standard In Environmental Risk Management Information

440 Wheelers Farm Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802

ENVIRONMENTAL LIEN REPORT

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied property information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' office, registries of deed, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved and description); and
- provide a copy of the deed or cite documents reviewed;

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

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ENVIRONMENTAL LIEN REPORT

The EDR Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

TARGET PROPERTY INFORMATION

ADDRESS

LAGUNA RIDGE BAYLESS_PULTE UPDATE
8355 Poppy Ridge Road
Elk Grove, California

RESEARCH SOURCE

Source: Sacramento County Assessor
Sacramento County Recorder

DEED INFORMATION

Type of Instrument: Grant Deed

Title is vested in: Pulte Home Corporation, a Michigan corporation

Title received from: Bayless-South Laguna Limited, a California limited partnership

Deed Dated: 12/22/2005
Deed Recorded: 01/31/2006
Book: 20060131
Page: 2076

LEGAL DESCRIPTION

All that certain piece or parcel of land situated and lying in the Northwest Quarter of the Northeast Quarter of Section 11, Township 6 North, Range 5 East of the Mt Diablo Principal Meridian, City of Elk Grove, Sacramento County, State of California

Assessor's Parcel Number(s): 132-2140-002-0000

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found ☐ Not Found ☒

ENGEO INCORPORATED

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
MATERIALS TESTING

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

LAGUNA RIDGE CLUSTERS

SACRAMENTO COUNTY, CALIFORNIA

SUBMITTED

TO

BEAZER HOMES

ROSEVILLE, CALIFORNIA

PREPARED

BY

ENGEO INCORPORATED

PROJECT NO. 6150.5.002.01

FEBRUARY 2, 2004

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631 Commerce Drive, Suite 100 • Roseville, CA 95678 • (916) 786-8883 • Fax (916) 786-7891
E-mail: engstaff@engeo.com • www.engeo.com

ENGEO INCORPORATED

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
MATERIALS TESTING

Project No.
6150.5.002.01

February 2, 2004

Mr. James Van Maren
Beazer Homes
3721 Douglas Boulevard, Suite 100
Roseville, CA 95661

Subject: Laguna Ridge Clusters
Sacramento County, California

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Dear Mr. Van Maren:

ENGEO Incorporated is pleased to present our Phase One Environmental Site Assessment of the Laguna Ridge Clusters located in Sacramento County, California. The attached report includes a description of the site assessment activities, along with ENGEO's findings regarding the properties.

We are pleased to be of service to you on this project. If you have any questions concerning the contents of our report, please contact us.

Very truly yours,

ENGEO Incorporated

Reviewed by:

Bryan C. Yates
Environmental Technician

Brian Flaherty, C.E.G., C.HG.
Principal

631 Commerce Drive, Suite 100 • Roseville, CA 95678 • (916) 786-8883 • Fax (916) 786-7891
E-mail: engstaff@engeo.com • www.engeo.com

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APPENDIX A - Environmental Data Resources, Inc., Sanborn and Radius Map Reports

1.0 INTRODUCTION

Beazer Homes retained ENGEO Incorporated (ENGEO) to perform a Phase One Environmental Site Assessment on the Laguna Ridge Clusters Property in Sacramento County, California. (Property). ENGEO has performed this Phase One Environmental Site Assessment in general conformance with the scope and limitations of ASTM 1527-00 and according to our proposal dated December 17, 2003.

The Property encompasses approximately 17 acres located within the Laguna Ridge Specific Plan at 8355 Poppy Ridge Road. Reviews of aerial photographs and available historical records revealed the Property and nearby properties have been used for a small dairy, irrigated pasture, a Christmas tree farm, other agriculture production, and rural residences.

Based on the data obtained and reviewed in preparation of this Phase One Environmental Site Assessment, we have identified the following Recognized Environmental Conditions (REC) within the Property.

One 550-gallon underground gasoline fuel storage tank and dispenser was reportedly removed from the Property around 1979 with no permit. We understand no soil sampling or analytical testing of the soil under the former underground fuel storage tank was undertaken. The previous owner reported that this tank and dispenser was located adjacent to the northwest corner of the single car garage located along the west side of the main driveway entering the Property. We recommend that a Phase II Environmental Assessment be conducted to determine if the use of the former tank impacted the soil within the Property.

2.0 PURPOSE AND SCOPE

2.1 Purpose of Phase One Environmental Site Assessment

The purpose of this Phase One Environmental Site Assessment is to identify recognized environmental conditions associated with the Property. As defined in the American Society for Testing and Materials (ASTM) Standard Practice E 1527-00, a Recognized Environmental Condition (REC) 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 any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the Property."

2.2 Detailed Scope of Services

The scope of services performed includes the following:

- A review of publicly available and practically reviewable standard local, state and federal environmental record sources.
- A review of several publicly available and practically reviewable standard historical sources, aerial photographs, fire insurance maps and physical setting sources.
- A review of previous environmental reports prepared for the Property.
- A reconnaissance of the Property.
- Interviews with knowledgeable private and public sector officials.
- Preparation of this report to describe our findings and conclusions.

2.3 Limitations and Exceptions of Assessment

ENGEO Incorporated strives to perform its services in a proper and professional manner with reasonable care and competence; however, our work product depends on information provided to us by others. The recommendations and conclusions presented in this report are based on the findings of our study, which were developed in part from the contracted services. The findings of the report are based on contracted database research, out-of-house reports, our observations, and personal communications. ENGEO Incorporated assumes no liability for the validity of the materials relied upon in the preparation of this report.

This document shall not be subject to unauthorized reuse; that is, reuse without written authorization of ENGEO Incorporated. Such authorization is essential because it requires ENGEO to evaluate the document's applicability given new circumstances, not the least of which is passage of time. The findings from a phase one environmental site assessment are typically valid for 180 days after completion of the report, particularly with regard to the regulatory database files. In some instances the shelf life of the report can be less.

This Phase One Environmental Site Assessment is not intended to represent a soil or groundwater characterization. This assessment does not verify the presence of soil or groundwater contamination and does not define the depth or extent of any contamination that may be present within the Property. It is intended to provide an evaluation of potential environmental concerns associated with the use of the Property. A more extensive assessment that would include a subsurface exploration with laboratory testing of soil and groundwater samples is required if more definitive information concerning site-specific conditions is desired. If additional assessment activities are conducted on the Property and if other entities are retained to provide such services, ENGEO shall be held harmless for any and all claims arising from or resulting from the performance of such services by other persons or entities, and from any and all claims arising or resulting from clarifications, adjustments, modifications, discrepancies or other changes necessary to reflect new information that becomes available after this report.

2.4 Special Terms and Conditions

ENGEO Incorporated has prepared this report for the exclusive use of our Client, Beazer Homes. It is recognized and agreed that ENGEO has assumed responsibility only for undertaking the study for the Client. The responsibility for disclosures or reports to a third party and for remedial or mitigative action shall be solely that of the Client.

Laboratory testing of soil or groundwater samples was not within the scope of the contracted services. The assessment did not include an asbestos survey, an evaluation of lead-based paint, an inspection of light ballasts for PCBs, or a mold survey.

This report is based upon field and other conditions discovered at the time of preparation of ENGEO's work. Visual observations referenced in this report are intended only to represent site conditions at the time of the site visit. ENGEO would not be aware of site contamination, such as dumping and/or accidental spillage, which occurred subsequent to the site reconnaissance conducted by ENGEO personnel.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The Property consists of approximately 17 acres at 8355 Poppy Ridge Road. The Property is bounded by Poppy Ridge Road to the south and undeveloped property to the east, west and north within the City of Elk Grove, Sacramento County, California (Figure 1).

3.2 Site and Vicinity Characteristics

Past use of the Property has been limited to rural residential housing, a small dairy, irrigated pasture, and Christmas tree production. The top of the shallowest aquifer is approximately 97 feet below the ground surface (State of California, Department of Water Resources Web Site, www.dwr.water.ca.gov, State Well #06N05E01C001M).

The Property generally slopes from northeast to southwest with the highest elevation being approximately 35 feet above mean sea level (msl) and the lowest being approximately 30 feet above msl (USGS, 1992). A rural residence, a mobile home, one barn, and four out buildings occupy the southern portion of the Property. The balance of the Property consists of a fallow field.

Review of the *Geologic Map of the Late Cenozoic Deposits of the Sacramento Quadrangle,* Department of the Interior U.S. Geological Survey, 1985 compiled by Edward J. Helley and David S. Harwood, found that the geologic formation mapped at the site is the lower member of the Quaternary Riverbank Formation. The lower member of the Riverbank Formation generally consists of red, semi-consolidated gravel, sand, and silt deposited by ancient stream and river systems and remnants of dissected alluvial fans.

3.3 Current Use of Property/Description of Site Improvements

The southern portion of the Property is occupied by a single family residential structure, a mobile home structure, a large barn, and four out buildings. The balance of the Property is a fallow field historically used for a small dairy operation, irrigated pasture, and a Christmas tree farm.

3.4 Current Uses of Adjoining Properties

The properties adjoining the Property to the north are limited to undeveloped land historically used for rural residential housing, cattle grazing, and orchards. The properties adjoining the Property to the east and include rural residential housing and cattle grazing land. The properties adjoining the Property to the south are limited to Poppy Ridge Road, rural residential housing, and cattle grazing land.

4.0 RECORDS REVIEW

4.1 Historical Record Sources

The purpose of the historical record review is to develop a history of the previous uses or occupancies of the Property and surrounding area in order to identify those uses or occupancies that may be sources or result in conditions that would cause a recognized environmental condition to exist on the Property.

4.1.1 Chain of Title/Ownership

The Title Report lists recorded land title detail, ownership fees, leases, land contracts, easements, liens, deficiencies, and other encumbrances attached to or recorded against a subject property. However, laws and regulations pertaining to land trusts vary from state to state and the detail of information presented in a Title Report can vary greatly by jurisdiction. As a result, ENGEO utilizes a Title Report, when provided to us, as a supplement to other historical record sources. A title report was not provided for review at the time of the publishing of this report.

4.1.2 Historical Topographic Maps

Historical USGS 7.5 Minute Topographic Maps were reviewed to determine if discernible changes in topography or improvements pertaining to the Property had been recorded. We reviewed USGS 7.5 Minute Florin Quadrangle Maps dated 1909, 1953, 1968, and 1980.

The map dated 1909 shows that Poppy Ridge Road does not yet extend to the Property and there are no improvements shown on the Property. One small building is shown on the adjoining property to the east. The maps dated 1953, 1968 and 1980 show Poppy Ridge Road in its current alignment. The 1953 map shows four structures on the Property, three along Poppy Ridge Road and the fourth midway into the Property along the eastern boundary of the Property. There are three additional small buildings shown on the properties to the east and one shown on the properties across Poppy Ridge Road the south. The maps dated 1968 and 1980 show the topographic contours in a slightly different configuration, even though the overall elevations seem to be unchanged. The map dated 1968 shows only one small building on the property located along Poppy Ridge Road. One building from the 1953 map is no longer shown on the adjoining properties to the east. However a new building is shown along Poppy Ridge Road in the same area. The map dated 1980 shows all of the buildings on the Property from the 1953 map along with the well from the 1968 map. Two new buildings and a road are mapped within the properties south of Poppy Ridge Road.

4.1.3 Fire Insurance Maps

Environmental Data Resources, Inc. (EDR) provided a search for Sanborn Fire insurance maps covering the Property and surrounding properties. EDR reported no coverage for the Property and vicinity.

4.1.4 Aerial Photographs

We reviewed the following aerial photographs for information regarding past conditions and land use at the Property and in the immediate vicinity.

PHOTOGRAPH NUMBER	DATE
SAC-01-11-5	2001
91091-23-21	1991
81081-3-96	1981
3069-4-101	1971
4-91	1961

1961 – One house-sized square structure and two out buildings are in place in the present day location of the main house, single car garage, and western out building currently occupying the Property. A barn-sized structure and two additional out buildings are located in the southeast area of the Property in the same configuration as the structures currently occupying the Property. A driveway enters the Property at the approximate mid-point of the southern Property boundary and provides access to the structures. The mobile home structure currently located within the Property is not in place. A small rectangular structure oriented from northeast to southwest is located in the present day footprint of the mobile home structure. Two clusters of trees are in place, one in the southwest area of the Property surrounding the main house and a portion of the driveway. The second cluster of trees is located along the eastern boundary of the Property. A surface water drainage ditch is in place along the northern boundary of the Property. The northern quarter of the Property contains coloration consistent with irrigated pasture. A dirt road leads from the barn located within the Property to the adjoining properties to the east. Poppy Ridge Road is in place running east to west along the southern boundary of the Property. The surrounding properties are occupied by agricultural production land and rural residences.

1971 – The small rectangular structure oriented from northeast to southwest located in the present day footprint of the mobile home structure is no longer in place. The southern third of the northern portion of the Property is occupied by young evenly spaced rows of trees. The configuration of these trees is consistent with the reported use of the Property as a Christmas tree farm.

1981 – A rectangular structure consistent in size, shape, and orientation with the mobile home structure currently located within the Property is now in place east of the barn sized structure. The area of evenly spaced rows of trees has been slightly expanded to the east and into the adjoining Properties.

1991 – The evenly spaced rows of trees are largely no longer in place. A cluster of these overgrown trees appears to remain in place north of the barn sized structure located within the Property.

2001 – With the exception of the trees discussed on the 1991 aerial photograph appearing severely overgrown, conditions appear similar to those depicted on the 1991 photograph.

4.1.5 Other Local Agency Records

We contacted the Sacramento County Agriculture Commissioner's Office regarding past development and/or activities conducted at the Property. The results of the inquiries can be found in Section 6.0-Interviews, of this report.

4.2 Environmental Record Sources

Environmental Data Resources Inc. (EDR) performed a search of local, state and federal agency databases regarding the Property and known contaminated sites in the immediate vicinity. The databases searched are described below.

Appendix A provides the EDR report. EDR listed the Property as having been the historic location of an underground storage tank. The EDR mapped one additional location within 1-mile of the Property where hazardous materials/waste is generated, stored, or have been released from underground storage tanks. Each of these two locations either has no violations listed or has achieved regulatory closure.

4.2.1 Federal Record Sources

The following is a summary of federal databases reviewed by EDR:

- NPL – National Priority List – The National Priority List (Superfund) identifies over 1,200 sites for priority cleanup under the Superfund program.
- Proposed NPL Sites – Provides a list of sites that are under consideration for inclusion on the NPL.
- 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 Priority List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.
- CERCLIS-NFRAP – CERCLIS No Further Remedial Action Planned – As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) has been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.
- CORRACTS – Corrective Action Report – CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.
- RCRIS – Resource Conservation and Recovery Information System – RCRIS includes selective information on sites that generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).
- ERNS – Emergency Response Notification System – ERNS records and stores information on reported releases of oil and hazardous substances.

- BRS – Biennial Reporting System – 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.

- CONSENT – Superfund (CERCLA) Consent Decrees – Major legal settlements that establish responsibility and standards for cleanup at NPL sites.

- ROD – Records of Decision – ROD documents mandate a permanent remedy at an NPL site containing technical and health information to aid in the cleanup.

- DELISTED NPL – National Priority List Deletions – Sites deleted by EPA in accordance with 40 CFR 300.425(e) where no further response is appropriate.

- FINDS – Facility Index System/Facility Identification Initiative Program Summary Report – FINDS contains both facility information and "pointers" to other sources that contain more detailed information.

- HMIRS – Hazardous Materials Information Reporting System – HMIRS contains hazardous material spill incidents reported to the Department of Transportation (DOT).

- MLTS – Material Licensing Tracking System – MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites that possess or use radioactive materials and are subject to NRC licensing requirements.

- MINES – Mines Master Index File – Provides a list of sites that have been subjected to mining activity.

- NPL Liens – Under authority granted by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability.

- PADS – PCB Activity Database System – PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCBs who are required to notify the EPA of such activities.

- RAATS – RCRA Administrative 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. Please note data entry of administrative actions was discontinued after September 30, 1995.

- TRIS – Toxic Chemical Release Inventory System – TRIS identifies facilities that release chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

- TSCA – Toxic Substances Control Act – TSCA identifies manufacturers and importers of chemical substances included on the SCA Chemical Substance Inventory List.

- FTTS – FIFRA/TSCA Tracking System, and FTTS INSP – FTTS tracks administrative cases and pesticide enforcement actions and compliance related to FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act), TSCA, and EPCRA (Emergency Planning and Community Right-to Know Act).

4.2.1.1 Property

The Property is not listed on the above databases.

4.2.1.2 Other Properties

There are no facilities listed within the appropriate ASTM search distance of the Property.

4.2.2 State Record Sources

The following is a summary of state databases reviewed by EDR.

- AWP – Annual Workplan Sites – Identifies known hazardous substance sites targeted for cleanup.

- CAL-SITES – Contains potential or confirmed hazardous substance release properties.

- CHMIRS – California Hazardous Materials Information Reporting System – Contains information on reported hazardous materials incidents.

- CORTESE – "Cortese" Hazardous Waste and Substances Sites List – Listed sites are designated by the State Water Resources Control Board (LUST), the Integrated Waste Board (SWF/LF), and the Department of Toxic Substances Control (Cal-Sites).

- NOTIFY 65 – Proposition 65 Records – Contains facility notifications regarding known releases that could impact drinking water and thereby expose the public to a potential health risk.

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

- SWF/LF (SWIS) – Solid Waste Information System – Active, closed and inactive landfills.
- WMUDS/SWAT – Waste Management Unit Database – Used by State Water Resources Control Board staff and Regional Water Quality Control Boards for program tracking and inventory of waste management units.
- LUST – Leaking Underground Storage Tank Information System – Contains an inventory of reported leaking underground storage tank incidents.
- CA BOND EXP. PLAN – Bond Expenditure Plan – A site-specific expenditure plan used as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. This has been superceded by the Annual Work Plan (AWP).
- CA UST – Active UST Facilities – A list of active UST facilities gathered from local regulatory agencies.
- CA FID UST – Facility Inventory Database – An historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board.
- HIST UST – Hazardous Substance Storage Container Database – A historical listing of UST sites.
- AST – Above-ground Petroleum Storage Tank Facilities – Registered above-ground storage tanks.
- CLEANERS – Dry Cleaner Facilities – A list of dry cleaner facilities that have EPA ID numbers. Specific criteria for the subject facilities warrant inclusion on this database.
- CA WDS – Waste Discharge System – Sites that have been issued waste discharge requirements.
- DEED – List of Deed Restrictions – A database of deed-restricted properties maintained by DTSC.
- HAZNET – Hazardous Waste Information System – Facility and manifest data regarding hazardous waste shipments.

4.2.2.1 Property

The Property is listed in the following databases (numbers of facilities are reported in parentheses):

- Hist UST (1)

4.2.2.2 Other Properties

The following databases have facilities listed within the appropriate ASTM search distance of the Property (numbers of facilities are reported in parentheses):

- CHMIRS (1)

4.2.3 Local Record Sources

The EDR reviewed the Sacramento County Master List and Contaminated Sites List. This database maintained by the Sacramento County Environmental Health Department includes sites from the underground tank and hazardous waste generator programs.

4.2.3.1 Property

The Property is not listed on the above databases.

4.2.3.2 Other Properties

There are no facilities listed within the appropriate ASTM search distance of the Property.

5.0 SITE RECONNAISSANCE

5.1 Methodology

An ENGEO staff member conducted a site reconnaissance on December 23, 2003. The Property was visually reviewed for evidence of materials storage, staining or discoloration of surface soil, debris, stressed vegetation, or other conditions that may be indicative of chemical discharges, and the presence of fill/ventilation pipes, ground subsidence, or other evidence of existing or preexisting underground storage tanks. Photographs taken during the site reconnaissance are presented in Figure 4.

5.2 General Site Setting

The Property consists of approximately 17 acres located at 8355 Old Poppy Ridge Road in Elk Grove, California (Figure 1). Our research indicates that the Property has historically been used for rural residences, a small dairy, irrigated pasture, and Christmas tree production. We observed that the southern portion of the Property is occupied by a single family residence, a mobile home structure, a barn, and four out buildings. The balance of the Property consists of a fallow field.

5.3 Observations

The features currently occupying the Property are consistent with those described throughout this report. Pole mounted power lines were observed along the southern, western, and eastern boundaries of the Property as well as throughout the southern area of the Property servicing the structures in place. We observed six pole mounted transformers along these lines.

Exposed concrete piping, vent pipes, valves, and one agriculture production well were observed within the southern area of the Property. We observed that the agriculture production well located within the Property was electrically powered.

The interior of the barn, and the area along the outside of the mobile home structure were occupied by large quantities of debris. We observed this debris to include aluminum cans, household garbage, used appliances, miscellaneous hardware, computer components, barbeques, paper waste, plastic debris, and cardboard waste. We observed no soil staining along the perimeter of this debris.

The four out buildings located within the Property were occupied by a tractor, a pony, a lawn mower, and miscellaneous yard maintenance equipment. We observed one domestic water supply well with a large pressure tank located in the central area of the southern portion of the Property.

We observed the remainder of the Property to be fallow. Along the northern boundary of the Property, we observed an irrigation ditch overgrown by reeds and blackberry bushes.

Along the south side of the barn, we observed a recently added enclosure. This enclosure occupied a portion of the slab floor along the south side of the barn. Within the slab area, we observed a circular concrete pipe cemented to the floor. This pipe is approximately 48 inches in diameter and approximately 48 inches tall. Within the center of this feature, we observed a capped iron water pipe protruding approximately three inches up through the floor. The previous owner of the Property reported that until approximately 1965 this was a cattle watering structure within a temporary holding pen with a concrete slab floor.

5.4 Adjoining Properties

No evidence of RECs was noted in association with the adjoining properties.

6.0 INTERVIEWS

We interviewed Ms. Debbi Thompson, Senior Inspector for the Sacramento County Agricultural Commissioner's Office (SCACO). Ms. Thompson stated that the historic agricultural use for the Property would have been grazing, a small dairy, and a Christmas tree farm and that it is unlikely that pesticides have historically been applied.

We interviewed Mr. Daryl Johnson of PG&E. Mr. Johnson stated that the pole mounted power transformers observed within and surrounding the Property do not contain PCB cooling oils.

We interviewed Mr. Doug Bayless, the current owner of the Property. Mr. Bayless stated that he purchased the Property from Conrad Aarseth in approximately 1989. Mr. Bayless stated that since he purchased the Property, there have been residences located within the Property while the balance has gone unused. Mr. Bayless stated that the primary residence within the Property is located in the southwest area of the Property with the second residence being a mobile home structure located within the southeast area. Mr. Bayless stated that there are two septic systems located within the Property. The first septic system is reported to be along the west side of the main house and the second is reported to be along the east side of the mobile home structure.

We interviewed Mr. Conrad Aarseth, the previous owner of the Property. Mr. Aarseth reportedly purchased the Property in approximately 1949 and sold it to Mr. Doug Bayless in approximately 1989. Mr. Aarseth stated that from the time he purchased the Property until approximately 1965, he operated a small dairy with an average of 50 dairy cows on the Property. Mr. Aarseth stated that with the exception of a small addition to the barn, and the additions of the mobile home structure, the structures currently located within the Property are substantially the same as when he originally purchased the Property. Mr. Aarseth stated that from 1965 until approximately 1988 he operated a small Christmas tree farm within the Property. Mr. Aarseth stated that until approximately 1979, there was a 550-gallon underground gasoline fuel storage tank with dispenser located adjacent to the northwest corner of the small white single car garage currently situated along the west side of the

driveway. Mr. Aarseth stated that he did not obtain a permit at the time of the tank removal. In addition there was no soil sampling or analytical testing of the soil under the former underground fuel storage tank at the time of the tank removal.

7.0 SUMMARY OF FINDINGS

Based on the data obtained and reviewed in preparation of this Phase One Environmental Site Assessment, we have identified the following Recognized Environmental Conditions (REC) within the Property:

The Property is occupied by two residential structures, one barn, and four out buildings all of which were constructed during a time when lead based paints and asbestos containing building materials (ACBM) may have been used in their construction. We recommend that a Cal-OSHA certified ACBM and lead based paint contractor by retained prior to any demolition or renovation activities so an assessment can be conducted.

The interior of the barn, and the area along the outside of the mobile home structure were covered by large quantities of debris. We observed this debris to include aluminum cans, household garbage, used appliances, miscellaneous hardware, computer components, barbeques, paper waste, plastic debris, and cardboard waste. We observed no soil staining along the perimeter of this debris. We recommend that this debris be collected for appropriate disposal and if during the removal, stained soil or suspected hazardous materials are encountered, we recommend that ENGEO be contacted so that further assessment may be conducted.

There are reportedly two septic systems located within the Property. We recommend that each of these systems be abandoned under permit from Sacramento County Environmental Management Department upon the demolition of the structures within the Property.

We observed two wells located within the Property, one for domestic use and one for agricultural production. We recommend that these wells either be upgraded for future use or abandoned under permit from the Sacramento County Environmental Management Department.

One 550-gallon underground gasoline fuel storage tank and dispenser was reportedly removed from the Property in approximately 1979 with no permit and no soil sampling/analytical testing done of the soil under the former underground fuel storage tank. The previous owner reported that this tank and dispenser was located adjacent to the northwest corner of the single car garage located along the west side of the main driveway entering the Property. We recommend that a Phase II Environmental Assessment be conducted to determine if the former tank impacted the soil within the Property.

ENGEO Incorporated has performed a Phase One Environmental Site Assessment in general conformance with the scope and limitations of ASTM 1527-00 and our proposal dated December 17, 2003 regarding the Property.

LIST OF FIGURES

Figure 1	Vicinity Map
Figure 2	Assessors Parcel Map
Figure 3	Topographic Map
Figure 4	Site Photographs

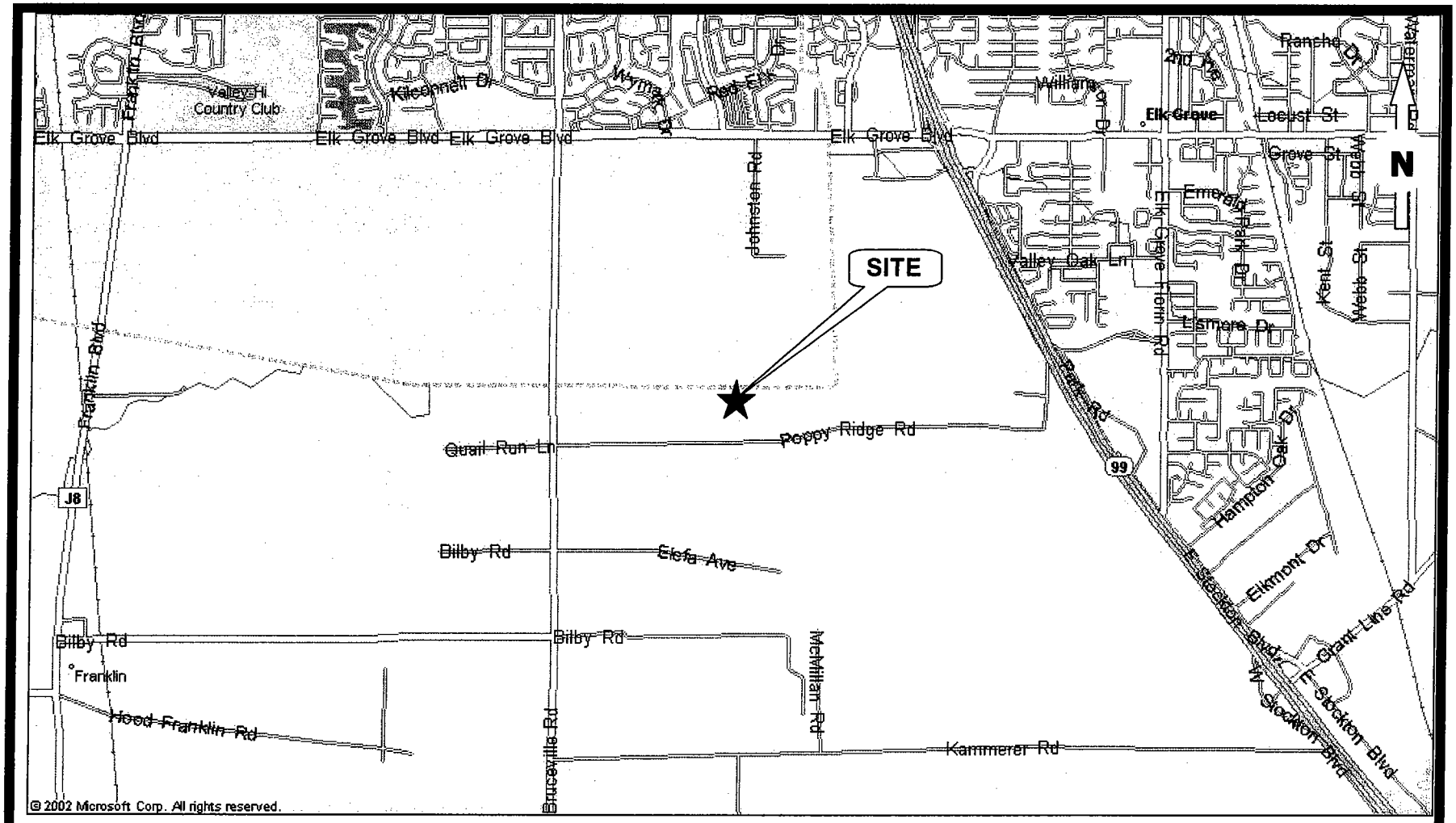


Figure 1

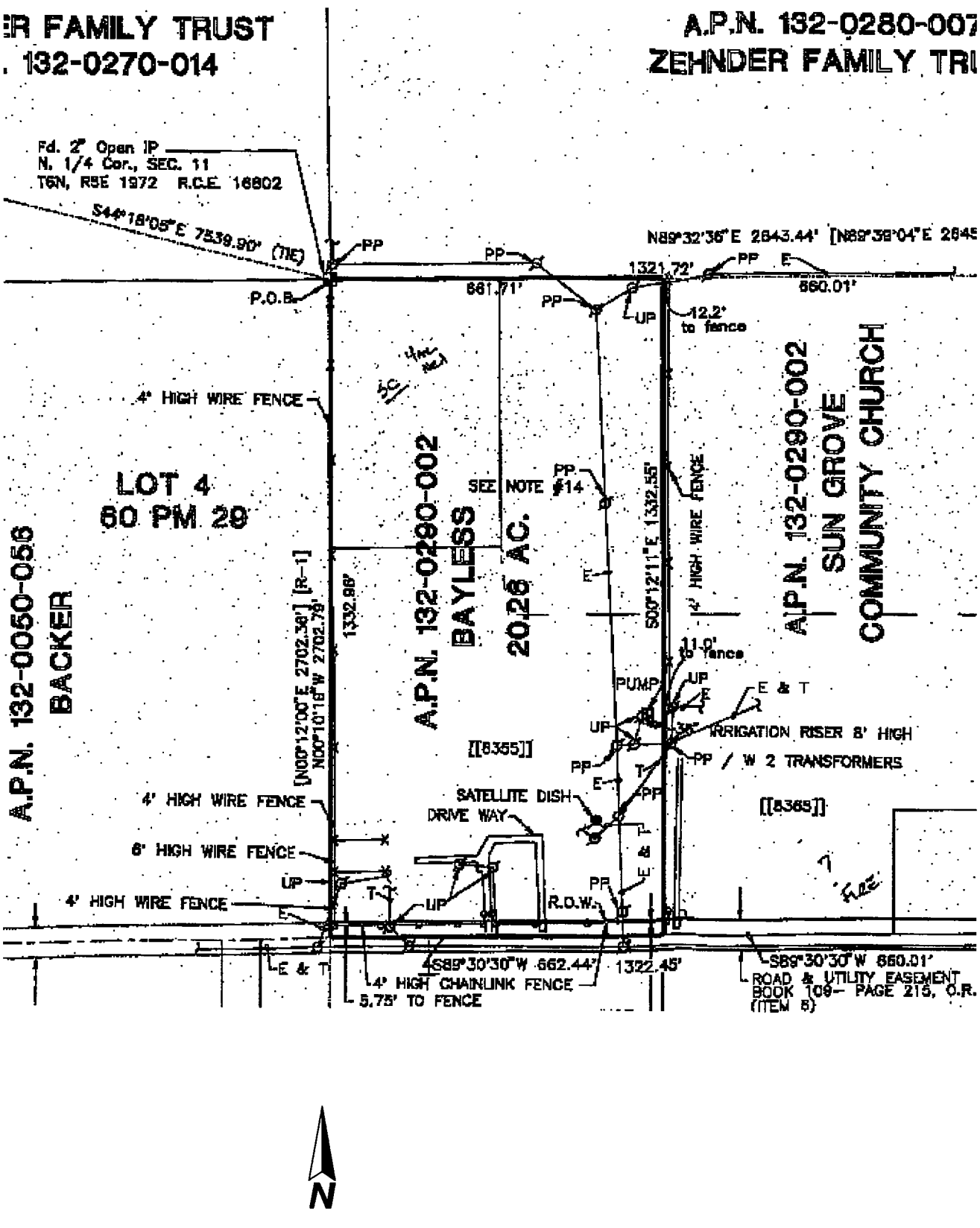
Job No. 6150.5.002.01

VICINITY MAP

Laguna Ridge Clusters ESA

ENGEO INCORPORATED

Not to Scale



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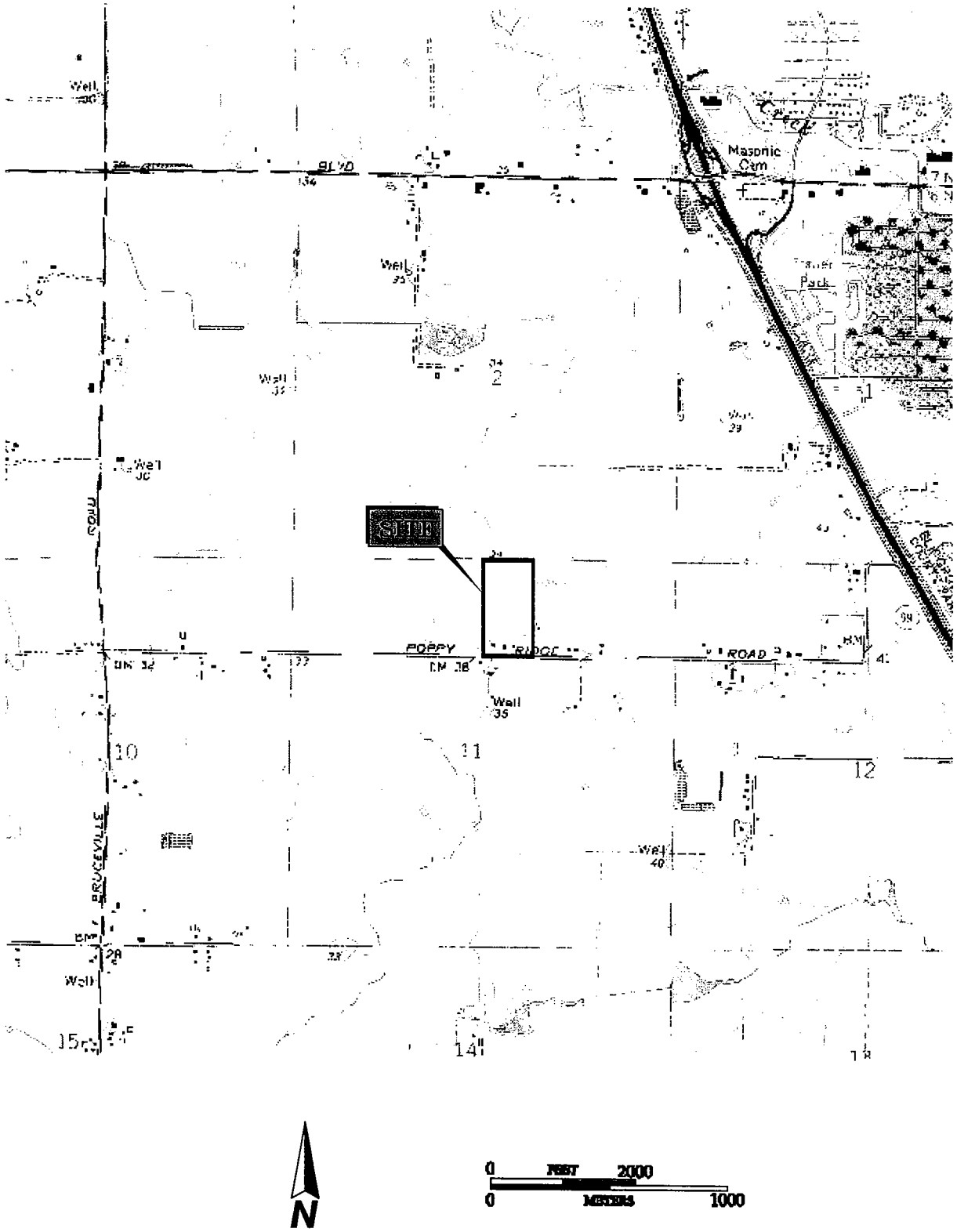
NO SCALE

ENGEO INCORPORATED
EXCELLENT SERVICE SINCE 1971

ASSESSOR'S PARCEL MAP
LAGUNA RIDGE CLUSTERS
ELK GROVE, CALIFORNIA

PROJECT NO.: 6150.5.002.01		FIGURE NO.
DATE: JANUARY 2004		2
DRAWN BY: DLB	CHECKED BY:	



BASE MAP SOURCE: U.S.G.S.

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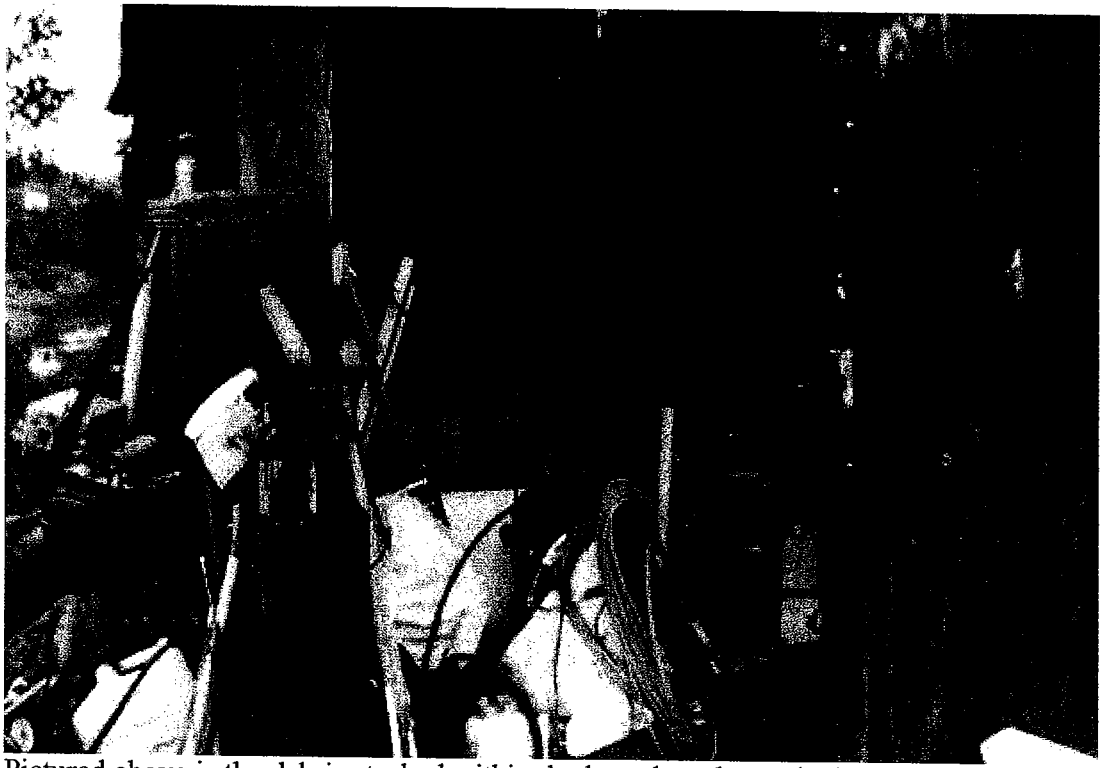
ORIGINAL FIGURE PRINTED IN COLOR

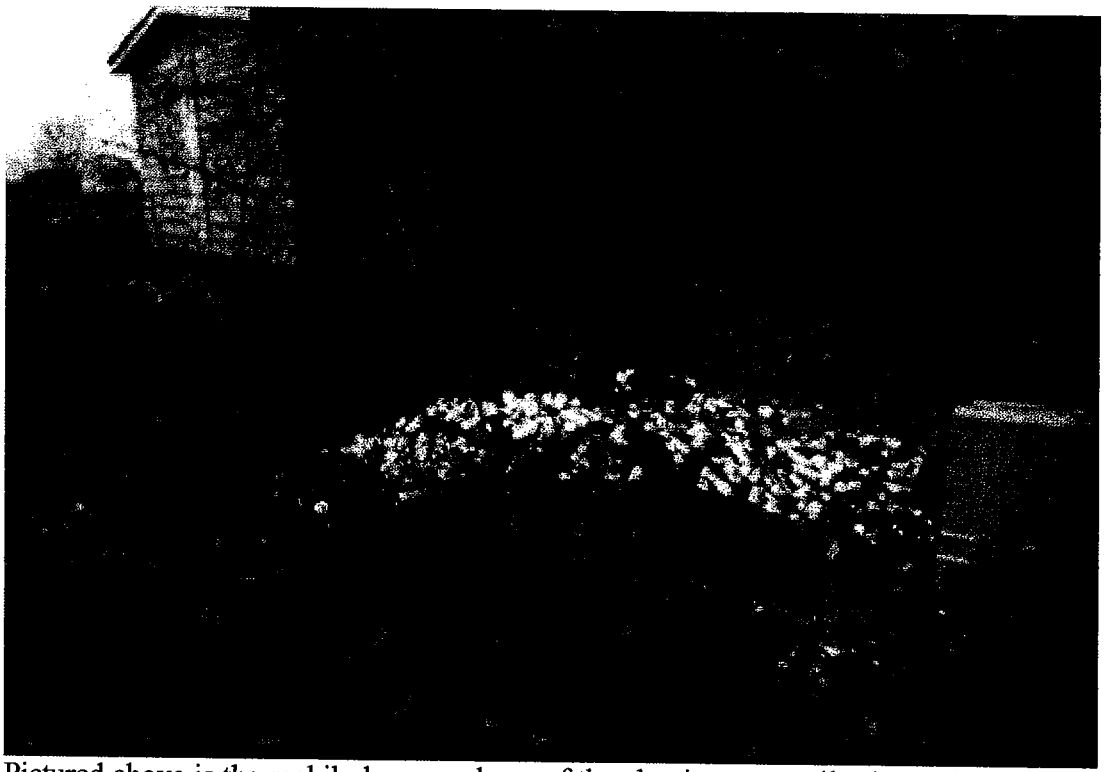
TOPOGRAPHY MAP
LAGUNA RIDGE CLUSTERS
ELK GROVE, CALIFORNIA

PROJECT NO.: 6150.5.002.01	FIGURE NO. 3
DATE: JANUARY 2004	
DRAWN BY: DLB	CHECKED BY:

FIGURE 4

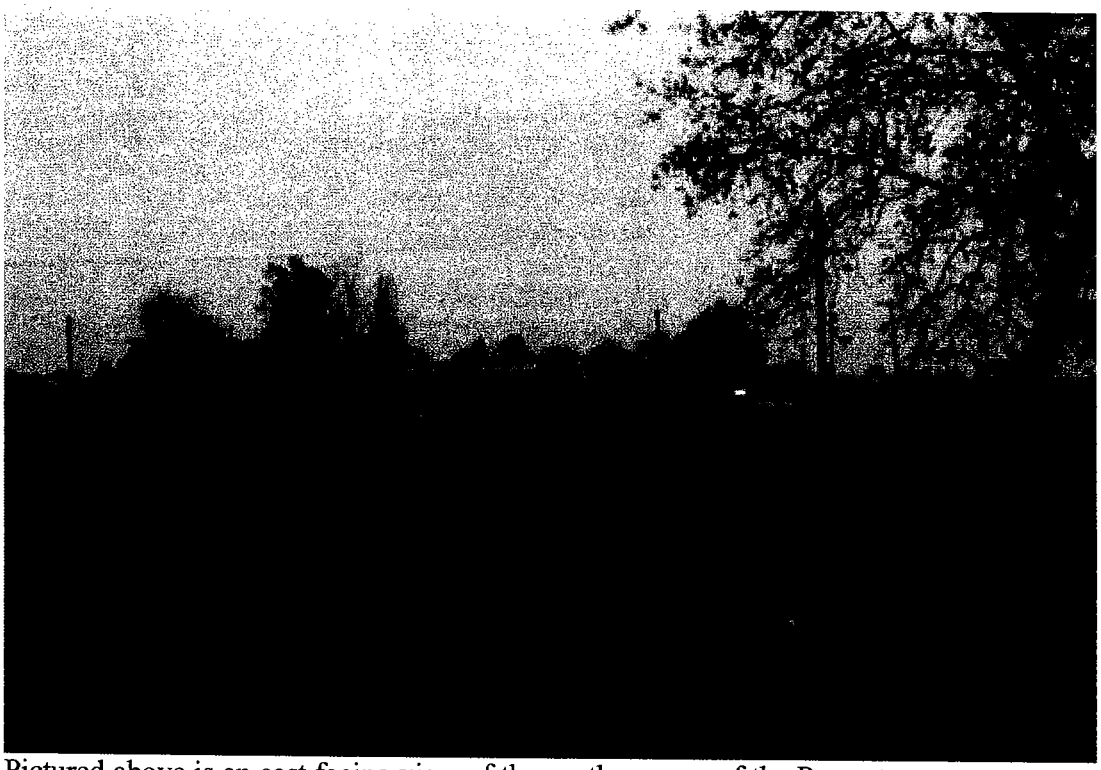


Pictured above is the debris stacked within the large barn located within the Property.

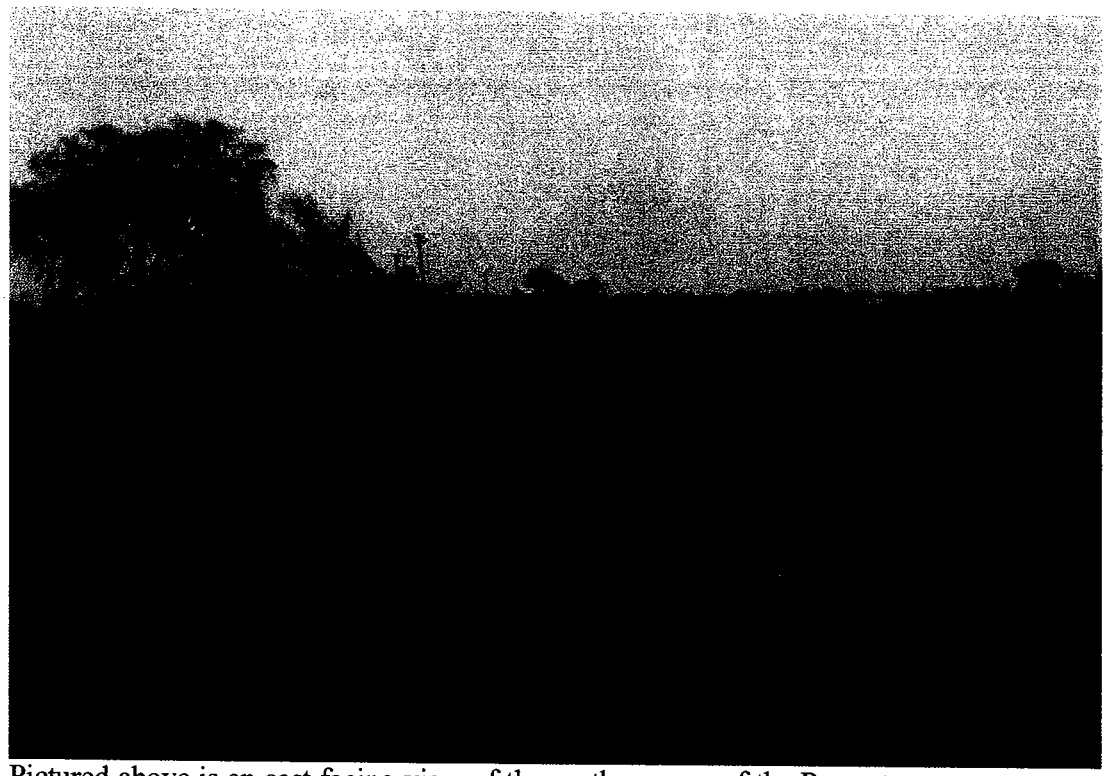


Pictured above is the mobile home and one of the aluminum can piles located within the Property.

FIGURE 4



Pictured above is an east facing view of the southern area of the Property.



Pictured above is an east facing view of the northern area of the Property.

APPENDIX A

ENVIRONMENTAL DATA RESOURCES, INC.

Sanborn Map Report
Radius Map Report

Environmental Data Resources, Inc.

"Linking Technology with Tradition"

Sanborn® Map Report

Ship To: Bryan C. Yates
Engeo
631 Commerce Drive
Roseville, CA 95678

Order Date: 12/22/2003 **Completion Date:** 12/23/2003
Inquiry #: 1103085.2s
P.O. #: 6150.5.002.01
Site Name: Laguna Ridge Clusters
Address: 8355 Poppy Ridge Road
City/State: Elk Grove, CA 95758
Cross Streets:

Customer Project: 6150.5.002.01
1013989SHA 916-786-8883

This document reports that the largest and most complete collection of Sanborn fire insurance maps has been reviewed based on client supplied information, and fire insurance maps depicting the target property at the specified address were not identified.

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The EDR Radius Map
with GeoCheck®

Laguna Ridge Clusters
8355 Poppy Ridge Road
Elk Grove, CA 95758

Inquiry Number: 01103085.1r

December 22, 2003

Environmental Data Resources, Inc.

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06890

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

FORM-SHA

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Thank you for your business.
Please contact EDR at 1-800-352-0050
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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

8355 POPPY RIDGE ROAD
ELK GROVE, CA 95758

COORDINATES

Latitude (North):	38.391900 - 38° 23' 30.8"
Longitude (West):	121.391200 - 121° 23' 28.3"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	640501.2
UTM Y (Meters):	4250317.0
Elevation:	39 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	38121-D4 FLORIN, CA
Source:	USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
CONRAD/JOYCE AARSETH 8355 POPPY RIDGE RD ELK GROVE, CA 95624	HIST UST	N/A

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 ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
CERCLIS ..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP ..... CERCLIS No Further Remedial Action Planned

EXECUTIVE SUMMARY

CORRACTS	Corrective Action Report
RCRIS-TSD	Resource Conservation and Recovery Information System
RCRIS-LQG	Resource Conservation and Recovery Information System
RCRIS-SQG	Resource Conservation and Recovery Information System
ERNS	Emergency Response Notification System

STATE ASTM STANDARD

AWP	Annual Workplan Sites
Cal-Sites	Calsites Database
Cortese	"Cortese" Hazardous Waste & Substances Sites List
Notify 65	Proposition 65 Records
Toxic Pits	Toxic Pits Cleanup Act Sites
SWF/LF	Solid Waste Information System
WMUDS/SWAT	Waste Management Unit Database
LUST	Leaking Underground Storage Tank Information System
CA BOND EXP. PLAN	Bond Expenditure Plan
UST	List of Underground Storage Tank Facilities
VCP	Voluntary Cleanup Program Properties
INDIAN UST	Underground Storage Tanks on Indian Land
CA FID UST	Facility Inventory Database

FEDERAL ASTM SUPPLEMENTAL

CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
Delisted NPL	National Priority List Deletions
FINDS	Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS	Hazardous Materials Information Reporting System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
NPL Liens	Federal Superfund Liens
PADS	PCB Activity Database System
DOD	Department of Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
RAATS	RCRA Administrative Action Tracking System
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
SSTS	Section 7 Tracking Systems
FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

Sacramento Co. CS	CS - Contaminated Sites
AST	Aboveground Petroleum Storage Tank Facilities
CLEANERS	Cleaner Facilities
CA WDS	Waste Discharge System
DEED	List of Deed Restrictions
NFE	Properties Needing Further Evaluation
NFA	No Further Action Determination
EMI	Emissions Inventory Data
REF	Unconfirmed Properties Referred to Another Agency
SCH	School Property Evaluation Program

EXECUTIVE SUMMARY

CA SLIC..... Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
HAZNET..... Hazardous Waste Information System
Sacramento Co. ML..... ML - Regulatory Compliance Master List

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas..... Former Manufactured Gas (Coal Gas) Sites

BROWNFIELDS DATABASES

US BROWNFIELDS..... A Listing of Brownfields Sites
VCP..... Voluntary Cleanup Program Properties

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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.

STATE ASTM STANDARD

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/2002 has revealed that there is 1 CHMIRS site within approximately 1 mile of the target property.

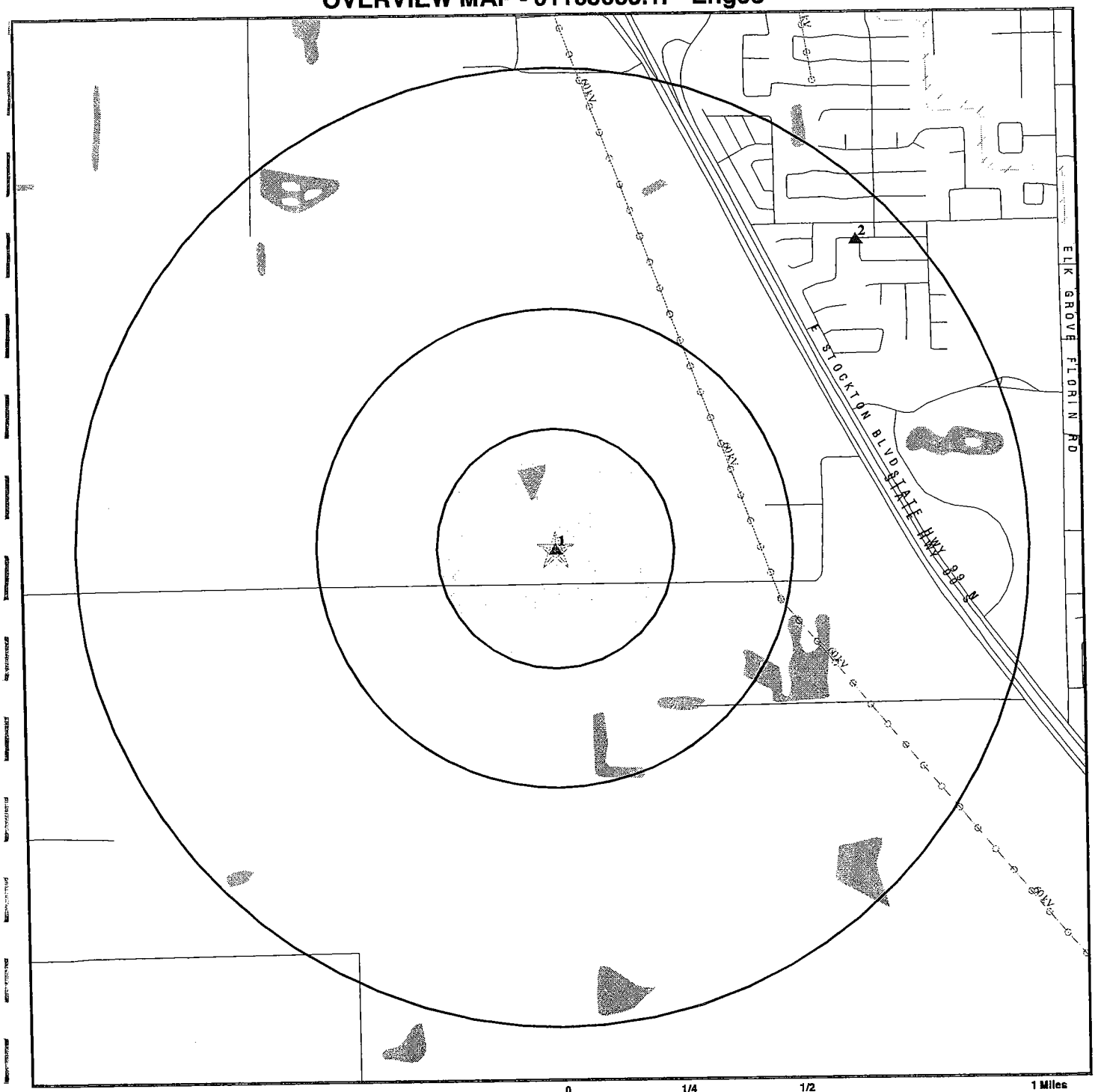
Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
Not reported	8721 VIA ALTA	1/2 - 1 NE	2	6

EXECUTIVE SUMMARY

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

Site Name	Database(s)
P G & E	HAZNET
8521 LAGUNA ST RD/WASTE WATER TREATMENT	ERNS
LOUISIANA-PACIFIC ELK CREEK SAWMILL	CA SLIC
QUAIL RIDGE ELEMENTARY #40	SCH
LAGUNA STONELAKE ELEMENTARY #34	SCH
LAGUNA TIRE/BIG O	Sacramento Co. ML

OVERVIEW MAP - 01103085.1r - Engeo



- ☆ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Federal Wetlands
- Areas of Concern

TARGET PROPERTY:	Laguna Ridge Clusters	CUSTOMER:	Engeo
ADDRESS:	8355 Poppy Ridge Road	CONTACT:	Bryan C. Yates
CITY/STATE/ZIP:	Elk Grove CA 95758	INQUIRY #:	01103085.1r
LAT/LONG:	38.3919 / 121.3912	DATE:	December 22, 2003 5:48 pm

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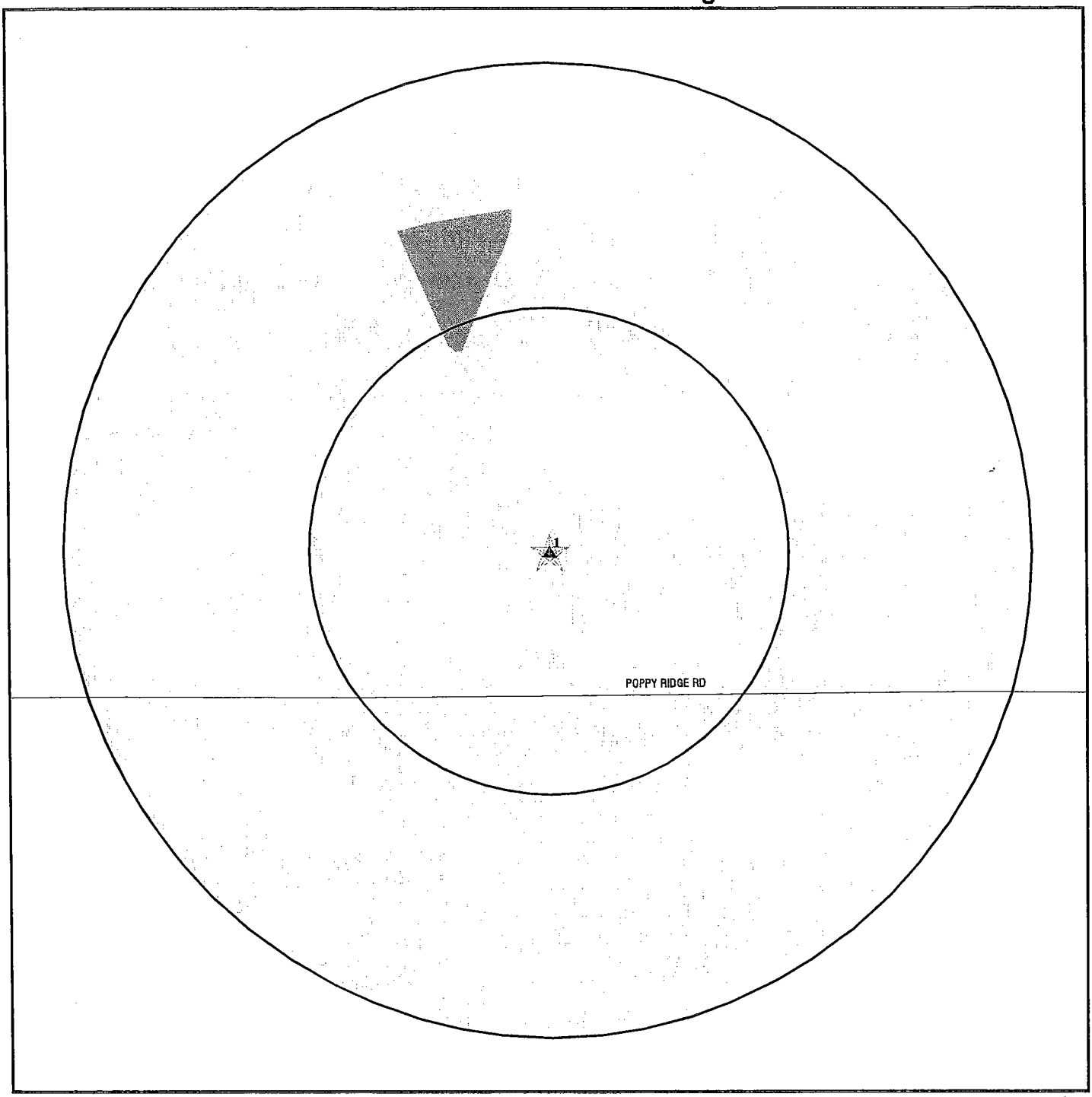
DETAIL MAP - 01103085.1r - Engeo



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Federal Wetlands
- Areas of Concern

N

TARGET PROPERTY:	Laguna Ridge Clusters	CUSTOMER:	Engeo
ADDRESS:	8355 Poppy Ridge Road	CONTACT:	Bryan C. Yates
CITY/STATE/ZIP:	Elk Grove CA 95758	INQUIRY #:	01103085.1r
LAT/LONG:	38.3919 / 121.3912	DATE:	December 22, 2003 5:48 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDARD								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
STATE ASTM STANDARD								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	0	NR	0
CHMIRS		1.000	0	0	0	1	NR	1
Cortese		1.000	0	0	0	0	NR	0
Notify 65		1.000	0	0	0	0	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
UST		0.250	0	0	NR	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
CA FID UST		0.250	0	0	NR	NR	NR	0
HIST UST	X	0.250	0	0	NR	NR	NR	0
FEDERAL ASTM SUPPLEMENTAL								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
STATE OR LOCAL ASTM SUPPLEMENTAL								
Sacramento Co. CS		0.500	0	0	0	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
AST		TP	NR	NR	NR	NR	NR	0
CLEANERS		0.250	0	0	NR	NR	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
DEED		TP	NR	NR	NR	NR	NR	0
NFE		0.250	0	0	NR	NR	NR	0
NFA		0.250	0	0	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
REF		0.250	0	0	NR	NR	NR	0
SCH		0.250	0	0	NR	NR	NR	0
CA SLIC		0.500	0	0	0	NR	NR	0
HAZNET		0.250	0	0	NR	NR	NR	0
Sacramento Co. ML		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY HISTORICAL DATABASES								
Coal Gas		1.000	0	0	0	0	NR	0
BROWNFIELDS DATABASES								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0

NOTES:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

1
Target Property
CONRAD/JOYCE AARSETH
8355 POPPY RIDGE RD
ELK GROVE, CA 95624

HIST UST **U001612764**
N/A

Actual:
39 ft.

UST HIST:

Facility ID:	22019	Facility Status:	Not reported
Total Tanks:	1	Region:	STATE
Owner Name:	CONRAD/JOYCE AARSETH	Box Number:	Not reported
Owner Address:	8355 POPPY RIDGE RD ELK GROVE, CA 95624		

2
NE
1/2-1
4798 ft.
8721 VIA ALTA
ELK GROVE, CA 30287

CHMIRS **S105646712**
N/A

Relative:
Higher

Actual:
41 ft.

CHMIRS:

OES Control Number:	12863
Chemical Name:	diazinon
Extent of Release:	Not reported
Property Use:	Not reported
Incident Date:	Not reported
Date Completed:	Not reported
Time Completed :	Not reported
Agency Id Number :	Not reported
Agency Incident Number :	Not reported
OES Incident Number :	12863
Time Notified :	Not reported
Surrounding Area :	Not reported
Estimated Temperature :	Not reported
Property Management :	Not reported
More Than Two Substances Involved? :	Not reported
Special Studies 1 :	Not reported
Special Studies 2 :	Not reported
Special Studies 3 :	Not reported
Special Studies 4 :	Not reported
Special Studies 5 :	Not reported
Special Studies 6 :	Not reported
Responding Agency Personel # Of Injuries :	NO
Responding Agency Personel # Of Fatalities :	NO
Resp Agncy Personel # Of Decontaminated :	Not reported
Others Number Of Decontaminated :	Not reported
Others Number Of Injuries :	Not reported
Others Number Of Fatalities :	Not reported
Vehicle Make/year :	Not reported
Vehicle License Number :	Not reported
Vehicle State :	Not reported
Vehicle Id Number :	Not reported
CA/DOT/PUC/ICC Number :	Not reported
Company Name :	Not reported
Reporting Officer Name/ID :	Not reported
Report Date :	Not reported
Comments :	Not reported
Facility Telephone Number :	Not reported
Waterway Involved :	YES
Waterway :	Not reported
Spill Site :	RESIDENCE

S105646712

(Continued)

Cleanup By :	private contractor
Containment :	NO
What Happened :	bottle broke open & spilled into numerous household yard chemicals.
Type :	CHEMICAL
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	1018/19Mar96
Evacuations :	NO

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ELK GROVE	S105628798	QUAIL RIDGE ELEMENTARY #40	BILBY ROAD/EAST FRANKLIN SPECIFIC PLAN	95758	SCH
ELK GROVE	S104573703	P G & E	SE CRNR OF ELK GROVE BLVD/HWY 5 1 MI	95758	HAZNET
ELK GROVE	S105155918	LAGUNA TIRE/BIG O	2220 KAUSEN DR	95758	Sacramento Co. ML
ELK GROVE	91205686	8521 LAGUNA ST RD/WASTE WATER TREATMENT	8521 LAGUNA ST RD/WASTE WATER TREATME	95758	ERNS
ELK GROVE	S104549126	LAGUNA STONELAKE ELEMENTARY #34	LOT F/LAGUNA STONELAKE	95758	SCH
ELK GROVE	S105982572	LOUISIANA-PACIFIC ELK CREEK SAWMILL	STATE ROUTE 162 AND COUNTY ROAD 308		CA SLIC

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.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List
Source: EPA
Telephone: N/A
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: 10/21/03
Date Made Active at EDR: 12/08/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/03/03
Elapsed ASTM days: 35
Date of Last EDR Contact: 11/03/03

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 6
Telephone: 214-655-6659

EPA Region 8
Telephone: 303-312-6774

Proposed NPL: Proposed National Priority List Sites
Source: EPA
Telephone: N/A

Date of Government Version: 10/14/03
Date Made Active at EDR: 12/08/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 12/01/03
Elapsed ASTM days: 7
Date of Last EDR Contact: 11/03/03

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
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: 09/11/03
Date Made Active at EDR: 10/29/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/24/03
Elapsed ASTM days: 35
Date of Last EDR Contact: 09/24/03

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Source: EPA
Telephone: 703-413-0223
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 09/11/03
Date Made Active at EDR: 10/29/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/24/03
Elapsed ASTM days: 35
Date of Last EDR Contact: 09/24/03

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/17/03
Date Made Active at EDR: 11/11/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 10/01/03
Elapsed ASTM days: 41
Date of Last EDR Contact: 09/08/03

RCRIS: Resource Conservation and Recovery Information System
Source: EPA
Telephone: 800-424-9346
Resource Conservation and Recovery Information System. RCRIS 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. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site 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: 09/10/03
Date Made Active at EDR: 10/01/03
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/11/03
Elapsed ASTM days: 20
Date of Last EDR Contact: 11/18/03

ERNS: Emergency Response Notification System
Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/02
Date Made Active at EDR: 02/03/03
Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/27/03
Elapsed ASTM days: 7
Date of Last EDR Contact: 10/27/03

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
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: 12/01/01
Database Release Frequency: Biennially

Date of Last EDR Contact: 10/01/03
Date of Next Scheduled EDR Contact: 12/15/03

CONSENT: Superfund (CERCLA) Consent Decrees
Source: EPA Regional Offices
Telephone: Varies
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: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision
Source: EPA
Telephone: 703-416-0223
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: 07/09/03
Database Release Frequency: Annually

Date of Last EDR Contact: 10/08/03
Date of Next Scheduled EDR Contact: 01/05/04

DELISTED NPL: National Priority List Deletions
Source: EPA
Telephone: N/A
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: 10/21/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/03/03
Date of Next Scheduled EDR Contact: 02/02/04

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report
Source: EPA
Telephone: N/A
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: 10/23/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/03
Date of Next Scheduled EDR Contact: 01/05/04

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 08/11/03
Database Release Frequency: Annually

Date of Last EDR Contact: 10/23/03
Date of Next Scheduled EDR Contact: 01/19/04

MLTS: Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
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: 10/16/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/03
Date of Next Scheduled EDR Contact: 01/05/04

MINES: Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 08/27/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/01/03
Date of Next Scheduled EDR Contact: 12/29/03

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 202-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/21/03
Date of Next Scheduled EDR Contact: 02/23/04

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-564-3887
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: 06/30/03
Database Release Frequency: Annually

Date of Last EDR Contact: 11/12/03
Date of Next Scheduled EDR Contact: 02/09/04

DOD: Department of Defense Sites
Source: USGS
Telephone: 703-648-5920
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: 10/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/12/03
Date of Next Scheduled EDR Contact: 02/09/04

STORMWATER: Storm Water General Permits
Source: Environmental Protection Agency
Telephone: 202 564-0746
A listing of all facilities with Storm Water General Permits.

Date of Government Version: N/A
Database Release Frequency: Quarterly

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

US BROWNFIELDS: A Listing of Brownfields Sites
Source: Environmental Protection Agency
Telephone: 202-566-2777
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 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: 07/15/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

RMP: Risk Management Plans
Source: Environmental Protection Agency
Telephone: 202-564-8600
When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: N/A
Database Release Frequency: N/A

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

RAATS: RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
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: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

TRIS: Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-260-1531
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: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 09/23/03
Date of Next Scheduled EDR Contact: 12/22/03

TSCA: Toxic Substances Control Act
Source: EPA
Telephone: 202-260-5521
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: 12/31/98
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 09/02/03
Date of Next Scheduled EDR Contact: 12/08/03

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
Telephone: 202-564-2501

Date of Government Version: 10/16/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/23/03
Date of Next Scheduled EDR Contact: 12/22/03

SSTS: Section 7 Tracking Systems
Source: EPA
Telephone: 202-564-5008
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: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/19/04

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-564-2501
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: 10/16/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/23/03
Date of Next Scheduled EDR Contact: 12/22/03

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites
Source: California Environmental Protection Agency
Telephone: 916-323-3400
Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 08/31/03
Date Made Active at EDR: 09/17/03
Database Release Frequency: Annually

Date of Data Arrival at EDR: 09/02/03
Elapsed ASTM days: 15
Date of Last EDR Contact: 09/02/03

CAL-SITES: Calsites Database
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
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.

Date of Government Version: 08/31/03
Date Made Active at EDR: 09/17/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/02/03
Elapsed ASTM days: 15
Date of Last EDR Contact: 09/02/03

CHMIRS: California Hazardous Material Incident Report System
Source: Office of Emergency Services
Telephone: 916-845-8400
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/02
Date Made Active at EDR: 08/07/03
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/11/03
Elapsed ASTM days: 27
Date of Last EDR Contact: 11/24/03

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-9100
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 04/01/01
Date Made Active at EDR: 07/26/01
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 05/29/01
Elapsed ASTM days: 58
Date of Last EDR Contact: 10/27/03

NOTIFY 65: Proposition 65 Records
Source: State Water Resources Control Board
Telephone: 916-445-3846
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: 10/21/93
Date Made Active at EDR: 11/19/93
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93
Elapsed ASTM days: 18
Date of Last EDR Contact: 10/20/03

TOXIC PITS: Toxic Pits Cleanup Act Sites
Source: State Water Resources Control Board
Telephone: 916-227-4364
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: 07/01/95
Date Made Active at EDR: 09/26/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95
Elapsed ASTM days: 27
Date of Last EDR Contact: 11/03/03

SWF/LF (SWIS): Solid Waste Information System
Source: Integrated Waste Management Board
Telephone: 916-341-6320
Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/12/03
Date Made Active at EDR: 10/16/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/15/03
Elapsed ASTM days: 31
Date of Last EDR Contact: 09/15/03

WMUDS/SWAT: Waste Management Unit Database
Source: State Water Resources Control Board
Telephone: 916-227-4448
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: 04/01/00
Date Made Active at EDR: 05/10/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/10/00
Elapsed ASTM days: 30
Date of Last EDR Contact: 09/12/03

LUST: Leaking Underground Storage Tank Information System
Source: State Water Resources Control Board
Telephone: 916-341-5740
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.

Date of Government Version: 04/02/03
Date Made Active at EDR: 04/25/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/16/03
Elapsed ASTM days: 9
Date of Last EDR Contact: 10/14/03

CA BOND EXP. PLAN: Bond Expenditure Plan
Source: Department of Health Services
Telephone: 916-255-2118
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: 01/01/89
Date Made Active at EDR: 08/02/94
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94
Elapsed ASTM days: 6
Date of Last EDR Contact: 05/31/94

CA UST:

UST: Active UST Facilities
Source: SWRCB
Telephone: 916-341-5700
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 04/02/03
Date Made Active at EDR: 04/30/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 04/16/03
Elapsed ASTM days: 14
Date of Last EDR Contact: 10/14/03

VCP: Voluntary Cleanup Program Properties
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 08/31/03
Date Made Active at EDR: 09/17/03
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 09/02/03
Elapsed ASTM days: 15
Date of Last EDR Contact: 09/02/03

INDIAN UST: Underground Storage Tanks on Indian Land
Source: EPA Region 9
Telephone: 415-972-3368

Date of Government Version: 03/01/03
Date Made Active at EDR: 04/11/03
Database Release Frequency: Varies
Date of Data Arrival at EDR: 03/31/03
Elapsed ASTM days: 11
Date of Last EDR Contact: 11/24/03

CA FID UST: Facility Inventory Database
Source: California Environmental Protection Agency
Telephone: 916-445-6532
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: 10/31/94
Date Made Active at EDR: 09/29/95
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 09/05/95
Elapsed ASTM days: 24
Date of Last EDR Contact: 12/28/98

HIST UST: Hazardous Substance Storage Container Database
Source: State Water Resources Control Board
Telephone: 916-341-5700
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: 10/15/90
Date Made Active at EDR: 02/12/91
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 01/25/91
Elapsed ASTM days: 18
Date of Last EDR Contact: 07/26/01

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities
Source: State Water Resources Control Board
Telephone: 916-341-5712
Registered Aboveground Storage Tanks.

Date of Government Version: 07/01/03
Database Release Frequency: Quarterly
Date of Last EDR Contact: 11/03/03
Date of Next Scheduled EDR Contact: 02/02/04

CLEANERS: Cleaner Facilities
Source: Department of Toxic Substance Control
Telephone: 916-225-0873
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 03/11/03
Database Release Frequency: Annually
Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/05/04

CA WDS: Waste Discharge System
Source: State Water Resources Control Board
Telephone: 916-657-1571
Sites which have been issued waste discharge requirements.

Date of Government Version: 09/22/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/24/03
Date of Next Scheduled EDR Contact: 12/22/03

DEED: List of Deed Restrictions
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes.

Date of Government Version: 10/07/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/08/03
Date of Next Scheduled EDR Contact: 01/05/04

NFA: No Further Action Determination
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 08/31/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03
Date of Next Scheduled EDR Contact: 12/01/03

EMI: Emissions Inventory Data
Source: California Air Resources Board
Telephone: 916-322-2990
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/01
Database Release Frequency: Varies

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/19/04

REF: Unconfirmed Properties Referred to Another Agency
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

Date of Government Version: 08/31/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03
Date of Next Scheduled EDR Contact: 12/01/03

SCH: School Property Evaluation Program
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 08/31/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03
Date of Next Scheduled EDR Contact: 12/01/03

NFE: Properties Needing Further Evaluation
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 08/31/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03
Date of Next Scheduled EDR Contact: 12/01/03

HAZNET: Hazardous Waste Information System
Source: California Environmental Protection Agency
Telephone: 916-255-1136
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: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 11/11/03
Date of Next Scheduled EDR Contact: 02/09/04

LOCAL RECORDS

ALAMEDA COUNTY:

Local Oversight Program Listing of UGT Cleanup Sites
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 07/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/27/03
Date of Next Scheduled EDR Contact: 01/26/04

Underground Tanks
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 07/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/27/03
Date of Next Scheduled EDR Contact: 01/26/04

CONTRA COSTA COUNTY:

Site List
Source: Contra Costa Health Services Department
Telephone: 925-646-2286
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 09/04/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/02/03
Date of Next Scheduled EDR Contact: 12/01/03

FRESNO COUNTY:

CUPA Resources List
Source: Dept. of Community Health
Telephone: 559-445-3271
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/07/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/08/03
Date of Next Scheduled EDR Contact: 02/09/04

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 07/25/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

LOS ANGELES COUNTY:

List of Solid Waste Facilities
Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 06/03/03
Database Release Frequency: Varies

Date of Last EDR Contact: 11/21/03
Date of Next Scheduled EDR Contact: 02/16/04

City of El Segundo Underground Storage Tank
Source: City of El Segundo Fire Department
Telephone: 310-524-2236

Date of Government Version: 09/11/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/17/03
Date of Next Scheduled EDR Contact: 02/16/04

City of Long Beach Underground Storage Tank
Source: City of Long Beach Fire Department
Telephone: 562-570-2543

Date of Government Version: 03/28/03
Database Release Frequency: Annually

Date of Last EDR Contact: 11/24/03
Date of Next Scheduled EDR Contact: 02/23/04

City of Torrance Underground Storage Tank
Source: City of Torrance Fire Department
Telephone: 310-618-2973

Date of Government Version: 09/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/17/03
Date of Next Scheduled EDR Contact: 02/16/04

City of Los Angeles Landfills
Source: Engineering & Construction Division
Telephone: 213-473-7869

Date of Government Version: 03/01/02
Database Release Frequency: Varies

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

HMS: Street Number List
Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/30/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/17/03
Date of Next Scheduled EDR Contact: 02/16/04

Site Mitigation List
Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/07/03
Database Release Frequency: Annually

Date of Last EDR Contact: 11/17/03
Date of Next Scheduled EDR Contact: 02/16/04

San Gabriel Valley Areas of Concern
Source: EPA Region 9
Telephone: 415-972-3178
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 07/06/99
Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

Underground Storage Tank Sites
Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 08/19/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/03/03
Date of Next Scheduled EDR Contact: 02/02/04

NAPA COUNTY:

Sites With Reported Contamination
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 10/02/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/03
Date of Next Scheduled EDR Contact: 12/29/03

Closed and Operating Underground Storage Tank Sites
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 10/02/03
Database Release Frequency: Annually

Date of Last EDR Contact: 09/30/03
Date of Next Scheduled EDR Contact: 12/29/03

ORANGE COUNTY:

List of Underground Storage Tank Cleanups
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 07/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/11/03
Date of Next Scheduled EDR Contact: 12/08/03

List of Underground Storage Tank Facilities
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 09/02/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/11/03
Date of Next Scheduled EDR Contact: 12/08/03

List of Industrial Site Cleanups
Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 10/24/00
Database Release Frequency: Annually

Date of Last EDR Contact: 09/11/03
Date of Next Scheduled EDR Contact: 12/08/03

PLACER COUNTY:

Master List of Facilities
Source: Placer County Health and Human Services
Telephone: 530-889-7312
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 10/16/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/23/03
Date of Next Scheduled EDR Contact: 12/22/03

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Source: Department of Public Health
Telephone: 909-358-5055
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/03/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/19/04

Underground Storage Tank Tank List
Source: Health Services Agency
Telephone: 909-358-5055

Date of Government Version: 05/30/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/19/04

SACRAMENTO COUNTY:

CS - Contaminated Sites
Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Date of Government Version: 07/17/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/03/03
Date of Next Scheduled EDR Contact: 02/02/04

ML - Regulatory Compliance Master List
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 07/17/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/03/03
Date of Next Scheduled EDR Contact: 02/02/04

SAN BERNARDINO COUNTY:

Hazardous Material Permits
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 09/30/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/09/03
Date of Next Scheduled EDR Contact: 12/08/03

SAN DIEGO COUNTY:

Solid Waste Facilities
Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/00
Database Release Frequency: Varies

Date of Last EDR Contact: 11/21/03
Date of Next Scheduled EDR Contact: 02/23/04

Hazardous Materials Management Division Database
Source: Hazardous Materials Management Division
Telephone: 619-338-2268
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 03/31/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/03
Date of Next Scheduled EDR Contact: 01/05/04

SAN FRANCISCO COUNTY:

Local Oversite Facilities
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 09/11/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

Underground Storage Tank Information
Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 09/11/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

SAN MATEO COUNTY:

Fuel Leak List
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 07/21/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/27/03
Date of Next Scheduled EDR Contact: 01/26/04

Business Inventory
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 11/13/03
Database Release Frequency: Annually

Date of Last EDR Contact: 10/13/03
Date of Next Scheduled EDR Contact: 01/12/04

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report
Source: Santa Clara Valley Water District
Telephone: 408-265-2600

Date of Government Version: 07/02/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/03
Date of Next Scheduled EDR Contact: 12/29/03

Hazardous Material Facilities
Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 10/01/03
Database Release Frequency: Annually

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

SOLANO COUNTY:

Leaking Underground Storage Tanks
Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 08/21/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

Underground Storage Tanks
Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 08/21/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

SONOMA COUNTY:

Leaking Underground Storage Tank Sites
Source: Department of Health Services
Telephone: 707-565-6565

Date of Government Version: 10/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/27/03
Date of Next Scheduled EDR Contact: 01/26/04

SUTTER COUNTY:

Underground Storage Tanks
Source: Sutter County Department of Agriculture
Telephone: 530-822-7500

Date of Government Version: 07/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/27/03
Date of Next Scheduled EDR Contact: 01/05/04

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 09/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 11/26/03
Date of Next Scheduled EDR Contact: 02/23/04

Listing of Underground Tank Cleanup Sites
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/26/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

Underground Tank Closed Sites List
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 07/30/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/16/03
Date of Next Scheduled EDR Contact: 01/12/04

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/02/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Source: Yolo County Department of Health
Telephone: 530-666-8646

Date of Government Version: 10/29/03
Database Release Frequency: Annually

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/19/04

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation
Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220
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: 02/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/21/03
Date of Next Scheduled EDR Contact: 02/23/04

LUST REG 2: Fuel Leak List
Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 03/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/14/03
Date of Next Scheduled EDR Contact: 01/12/04

LUST REG 3: Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 05/19/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/17/03
Date of Next Scheduled EDR Contact: 02/16/04

LUST REG 4: Underground Storage Tank Leak List
Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 08/09/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/30/03
Date of Next Scheduled EDR Contact: 12/29/03

LUST REG 5: Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-255-3125

Date of Government Version: 07/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/16/03
Date of Next Scheduled EDR Contact: 01/05/04

LUST REG 6L: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 11/13/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/03
Date of Next Scheduled EDR Contact: 01/05/04

LUST REG 7: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

Date of Government Version: 07/02/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/03
Date of Next Scheduled EDR Contact: 12/29/03

LUST REG 8: Leaking Underground Storage Tanks
Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4498
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/16/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/12/03
Date of Next Scheduled EDR Contact: 02/09/04

LUST REG 9: Leaking Underground Storage Tank Report
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
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: 03/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/19/04

California Regional Water Quality Control Board (RWQCB) SLIC Records

SLIC REG 1: Active Toxic Site Investigations
Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 04/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/21/03
Date of Next Scheduled EDR Contact: 02/23/04

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 03/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/14/03
Date of Next Scheduled EDR Contact: 01/12/04

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/16/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/17/03
Date of Next Scheduled EDR Contact: 02/16/04

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 10/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/27/03
Date of Next Scheduled EDR Contact: 01/26/04

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-855-3075
Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 10/20/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/07/03
Date of Next Scheduled EDR Contact: 01/05/04

SLIC REG 6L: SLIC Sites
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574

Date of Government Version: 09/09/03
Database Release Frequency: Varies

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

Date of Government Version: 05/08/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/07/03
Date of Next Scheduled EDR Contact: 01/05/04

SLIC REG 7: SLIC List
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491

Date of Government Version: 05/29/03
Database Release Frequency: Varies

Date of Last EDR Contact: 12/01/03
Date of Next Scheduled EDR Contact: 02/23/04

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-3298

Date of Government Version: 04/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/05/04

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Date of Government Version: 09/08/03
Database Release Frequency: Annually

Date of Last EDR Contact: 09/02/03
Date of Next Scheduled EDR Contact: 12/01/03

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

BROWNFIELDS DATABASES

VCP: Voluntary Cleanup Program Properties
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 08/31/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03
Date of Next Scheduled EDR Contact: 12/01/03

US BROWNFIELDS: A Listing of Brownfields Sites
Source: Environmental Protection Agency
Telephone: 202-566-2777
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 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: N/A
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

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.

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.

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 1999 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 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

LAGUNA RIDGE CLUSTERS
8355 POPPY RIDGE ROAD
ELK GROVE, CA 95758

TARGET PROPERTY COORDINATES

Latitude (North):	38.391899 - 38° 23' 30.8"
Longitude (West):	121.391197 - 121° 23' 28.3"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	640501.2
UTM Y (Meters):	4250317.0
Elevation:	39 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

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. 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.

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).

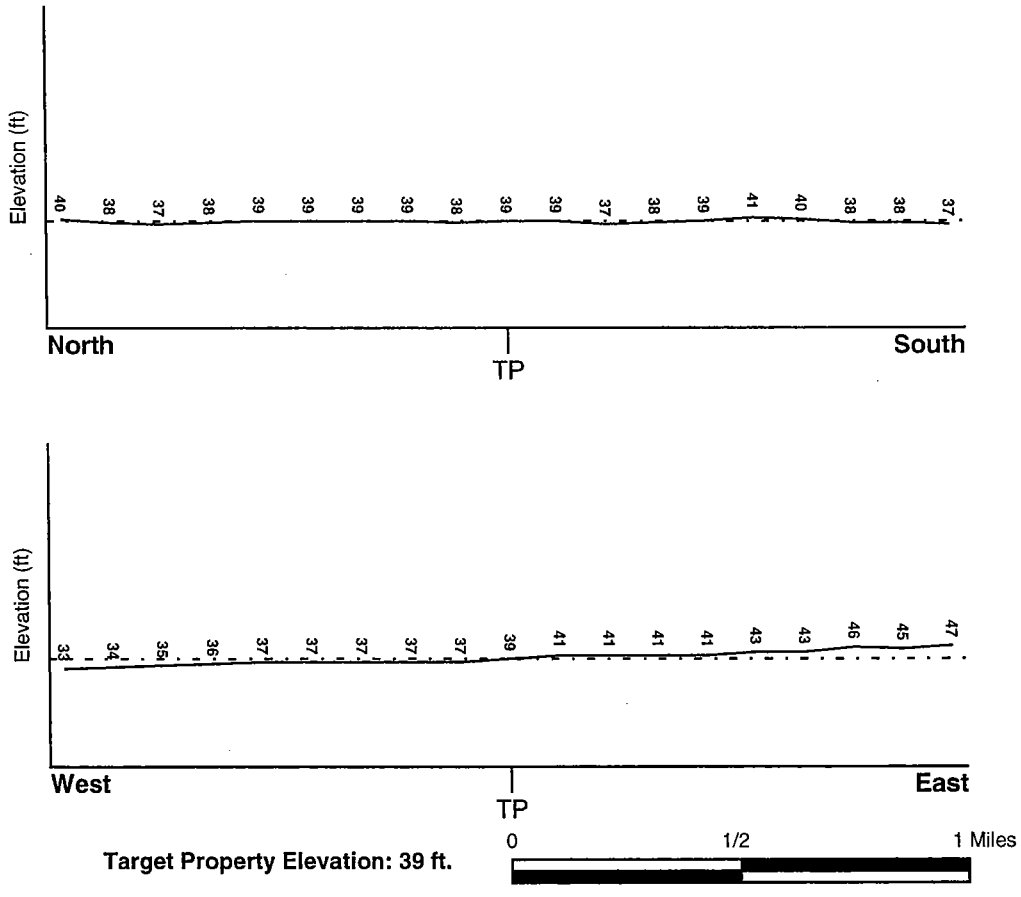
TOPOGRAPHIC INFORMATION

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

USGS Topographic Map:	38121-D4 FLORIN, CA
General Topographic Gradient:	General WSW
Source:	USGS 7.5 min quad index

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

Flood Plain Panel at Target Property: 0602620320D

Additional Panels in search area: 0602620340C

NATIONAL WETLAND INVENTORY

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

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

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

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed 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).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name:	SAN JOAQUIN
Soil Surface Texture:	silt 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:	Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	16 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 6.50 Min: 5.60
2	16 inches	19 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.60 Min: 0.20	Max: 7.30 Min: 6.10
3	19 inches	28 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.06 Min: 0.01	Max: 7.80 Min: 6.10
4	28 inches	60 inches	indurated	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00
5	60 inches	70 inches	stratified	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0.20 Min: 0.06	Max: 7.80 Min: 6.10

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: loam
sandy loam
clay
fine sandy loam

Surficial Soil Types: loam
sandy loam
clay
fine sandy loam

Shallow Soil Types: clay loam
loam
silty clay loam

Deeper Soil Types: cemented

sandy clay loam
clay loam
loamy sand

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS0153421	1/8 - 1/4 Mile West
A2	USGS0153422	1/4 - 1/2 Mile West
3	USGS0153419	1/4 - 1/2 Mile East
4	USGS0153352	1/2 - 1 Mile ENE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 01103085.1r

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

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

TARGET PROPERTY:	Laguna Ridge Clusters	CUSTOMER:	Engeo
ADDRESS:	8355 Poppy Ridge Road	CONTACT:	Bryan C. Yates
CITY/STATE/ZIP:	Elk Grove CA 95758	INQUIRY #:	01103085.1r
LAT/LONG:	38.3919 / 121.3912	DATE:	December 22, 2003 5:48 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
A1 **West** **1/8 - 1/4 Mile** **Lower**	**FED USGS**	**USGS0153421**

Agency:	USGS	Site ID:	382332121234101
Site Name:	006N005E11B002M		
Dec. Latitude:	38.39213		
Dec. Longitude:	-121.39579		
Coord Sys:	NAD83		
State:	CA		
County:	Sacramento County		
Altitude:	35.00		
Hydrologic code:	18020109		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	19750101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	121LGUN		
Aquifer type:	Not Reported		
Well depth:	270		
Hole depth:	310	Source:	driller
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-07-02	120.90				
Note: The site had been pumped recently.					
1975-01-01	120.00				

A2 **West** **1/4 - 1/2 Mile** **Lower**	**FED USGS**	**USGS0153422**

Agency:	USGS	Site ID:	382332121234301
Site Name:	006N005E11B001M		
Dec. Latitude:	38.39213		
Dec. Longitude:	-121.39634		
Coord Sys:	NAD83		
State:	CA		
County:	Sacramento County		
Altitude:	36.00		
Hydrologic code:	18020109		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	19750101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	265		
Hole depth:	310	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1975-01-01	95.00	

3
East
1/4 - 1/2 Mile
Higher

FED USGS **USGS0153419**

Agency:	USGS	Site ID:	382329121230101
Site Name:	006N005E12C001M		
Dec. Latitude:	38.3913		
Dec. Longitude:	-121.38467		
Coord Sys:	NAD83		
State:	CA		
County:	Sacramento County		
Altitude:	39.00		
Hydrologic code:	18020109		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	19560525	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	120		
Hole depth:	152	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1956-05-25	77.00	

4
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS0153352**

Agency:	USGS	Site ID:	382339121223501
Site Name:	006N005E12B001M		
Dec. Latitude:	38.39408		
Dec. Longitude:	-121.37745		
Coord Sys:	NAD83		
State:	CA		
County:	Sacramento County		
Altitude:	40.00		
Hydrologic code:	18020109		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	19660825	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	440		
Hole depth:	440	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1966-08-25	98.00	

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
95758	13	1	7.69

Federal EPA Radon Zone for SACRAMENTO 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 SACRAMENTO COUNTY, CA

Number of sites tested: 52

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.665 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.200 pCi/L	100%	0%	0%
Basement	8.350 pCi/L	50%	50%	0%

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. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 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 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.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

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.

California Oil and Gas Well Locations for District 2, 3, 5 and 6
Source: Department of Conservation
Telephone: 916-323-1779

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.

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.