

# **PARTNER**

**Engineering and Science, Inc.®**



## **PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT**

### **Semas Property**

18th Avenue & West Lacey Boulevard  
Lemoore, California 93245

Report Date: March 5, 2019  
Partner Project No. 19-239283.1



Prepared for:

### **Maricopa Orchards, LLC**

1396 West Herndon Avenue, Suite 110  
Fresno, California 93711

March 5, 2019

Ms. Christine Lingenfelter  
Maricopa Orchards, LLC  
1396 West Herndon Avenue, Suite 110  
Fresno, California 93711

Subject: Phase I Environmental Site Assessment  
Semas Property  
18th Avenue & West Lacey Boulevard  
Lemoore, California 93245  
Partner Project No. 19-239283.1

Dear Ms. Lingenfelter:

Partner Engineering and Science, Inc. (Partner) is pleased to provide the results of the *Phase I Environmental Site Assessment* (Phase I ESA) report of the abovementioned address (the "subject property"). This assessment was performed in conformance with the scope and limitations as detailed in the ASTM Practice E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

This assessment included a site reconnaissance as well as research and interviews with representatives of the public, property ownership, site manager, and regulatory agencies. An assessment was made, conclusions stated, and recommendations outlined.

We appreciate the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (559) 917-9700 or [ctaylor@partneresi.com](mailto:ctaylor@partneresi.com).

Sincerely,



Cody Taylor  
National Client Manager

## EXECUTIVE SUMMARY

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Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in accordance with the scope of work and limitations of ASTM Standard Practice E1527-13, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and set forth by Maricopa Orchards, LLC, for the property located at 18th Avenue & West Lacey Boulevard in Lemoore, Kings County, California (the "subject property"). The Phase I Environmental Site Assessment is designed to provide Maricopa Orchards, LLC, with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the subject property.

### Property Description

The subject property is located on the eastern side of 18<sup>th</sup> Avenue and the southern side of West Lacey Boulevard within a residential and agricultural area of Kings County. Please refer to the table below for further description of the subject property:

#### **Subject Property Data**

<b>Site Location:</b>	18th Avenue & West Lacey Boulevard, Lemoore, California
<b>Addresses:</b>	None Identified
<b>Property Use:</b>	Agricultural
<b>Land Acreage (Ac):</b>	155.85 Ac
<b>Number of Buildings:</b>	None
<b>Assessor's Parcel Number (APN):</b>	021-030-057
<b>Current Owner:</b>	Stephen L. Semas Family GST EXE TRS
<b>Site Assessment Performed By:</b>	Sheryl A. Amezcua of Partner
<b>Site Assessment Conducted On:</b>	February 27, 2019

The subject property is currently agricultural land. On-site operations consist of the cultivation of alfalfa. In addition to the on-site agricultural land, the subject property is also improved with a diesel-powered irrigation well with an associated 10,000-gallon diesel aboveground storage tank (AST), two electrically powered irrigation wells, a lift pump, an irrigation canal, and unpaved roads the surround and bisect the parcel.

According to available historical sources, the subject property was formerly undeveloped land as early as 1927; developed with residential and agricultural uses in 1950 to 1954; and has been developed as agricultural land from at least 1950 to the present.

The immediately surrounding properties consist of rural residences and agricultural land to the north across West Lacey Boulevard; single-family residences to the south; an orchard to the east; and a City of Lemoore municipal well and 18<sup>th</sup> Avenue to the west, beyond which is an orchard and a rural residence.

According to information obtained from State Water Resources Control Board (SWRCB) GeoTracker database for a nearby site, groundwater in the vicinity of the subject property is inferred to be approximately 20 feet below ground surface (bgs) and flow toward the west.

## Findings

A *recognized environmental condition (REC)* refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment. The following was identified during the course of this assessment:

- According to information obtained from the California Division of Oil, Gas and Geothermal Resources (DOGGR) Well Finder Database, a plugged and abandoned oil/gas well is located on the subject property. According to records available from the DOGGR Well Finder Database, the well, identified as Kreyenhagen 23-35, was drilled to a depth of 9,090 feet bgs on April 1, 1964 and was subsequently abandoned in accordance with DOGGR requirements on May 16, 1964. Review of the DOGGR records indicates that no oil or gas was encountered during the development of the well.

The presence of the well on the subject property represent a potential for environmental concerns if 1) drill cuttings (muds) were stored on the subject property and 2) emission of methane and hydrogen sulfide gases are likely to impact the subject property. During oil well drilling of this type, it was common practice to deposit the drill cuttings in a large excavation near the location of the well, commonly referred to as drilling mud pits. The drill cuttings could potentially contain elevated levels of crude oil, petroleum hydrocarbons, and metals. An additional issue of concern with oil/gas wells is the potential emission of methane and hydrogen sulfide gases. These gases can migrate through geologic materials and/or through pathways such as old oil wells, fissures, and fractures in underlying geologic formations. The emitted gases have the potential to accumulate within building interiors or basements and adversely affect human health. However, due to the fact that the well did not produce oil or gas, potential emissions of methane and hydrogen sulfide gases are not expected to represent a significant environmental concern at this time. However, the likely presence of drilling mud pits in connection with the wells is considered a REC, as they represent conditions indicative of a release to the environment. It should be noted that the owner/operator of the well would likely be responsible for any future well abandonment activities, including any subsurface investigations and/or remediation related to potential contamination associated with drilling mud pits on the subject property. Partner also notes that DOGGR may require the re-abandonment of the wells to current abandonment guidelines should future development on the subject property "prevent or impede access to the well for purposes of remedying a currently perceived future problem" (California Petroleum and Gas Laws, 3208.1).

A *controlled recognized environmental condition (CREC)* refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. The following was identified during the course of this assessment:

- Partner did not identify evidence of CRECs during the course of this assessment.

A *historical recognized environmental condition (HREC)* refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. The following was identified during the course of this assessment:

- Partner did not identify evidence of HRECs during the course of this assessment.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion. The following was identified during the course of this assessment:

- During Partner's February 27, 2019 site reconnaissance, a diesel-powered irrigation well connected to an approximately 10,000-gallon diesel AST was observed within the central portion of the subject property. The AST was observed to be placed over the unpaved ground surface absent secondary containment. A minor release of apparent diesel fuel was observed on the unpaved ground surface beneath a valve on the northern-end of the AST. This area of staining was limited in extent and is considered a *de minimis* condition. Heavy oily surface staining from apparent lubrication oil was observed beneath and around the associated diesel engine on the southern side of the AST, and around the irrigation well pump. The vertical extent of the staining in these areas could not be determined. However, lubrication oil does not typically migrate easily in the subsurface and is not expected to have migrated to significant depth. Based on this information, the staining observed around the AST, engine, and well pump is considered a *de minimis* condition.
- The subject property has been utilized for agricultural purposes since at least 1950. There is a potential that agricultural related chemicals such as pesticides, herbicides, and fertilizers, may have been used and stored on-site. Agricultural chemicals in use today are commonly selected using a licensed pest control advisor and are reported to the Agricultural Commissioner. It is unknown if environmentally persistent pesticides and/or herbicides were historically applied to the crops grown on the subject property. However, it has been Partner's experience with similar agricultural properties that there is a low potential for soil contamination at concentrations in excess of regulatory thresholds as a result of the past use of persistent pesticides/herbicides from normal crop application. Furthermore, no specific areas of concern for agricultural chemical use have been identified during the course of this assessment. Based on these factors, the previous agricultural use of the subject property is not expected to represent a significant environmental concern at this time.

### **Conclusions, Opinions, and Recommendations**

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of the property located at 18th Avenue and West Lacey Boulevard in Lemoore, Kings County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed evidence of RECs and environmental issues in connection with the subject property. Based on the conclusions of this assessment, Partner recommends the following:

- In the event of any proposed development in the area of the abandoned oil/gas well, DOGGR should be contacted to determine current development and/or well abandonment requirements. Additionally, if a higher level of due diligence is desired, a Phase II investigation could be conducted to evaluate the presence or absence of drilling mud pits and the condition of the subsurface associated with suspected former drilling mud pits prior to any redevelopment in the area of the on-site well.
- As a best management practice, the areas of surface staining located near the diesel AST and engine should be excavated, drummed, and removed from the subject property for proper off-site disposal. Additionally, secondary containment should be provided for the diesel AST in order to prevent an accidental release from adversely impacting the subject property.
- In the event of any future residential development, if a higher level of comfort is desired, soil sampling and analysis for agricultural chemicals could be conducted to assess the condition of near surface soils at the subject property from current and historical agricultural use.

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## 1.0 INTRODUCTION

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Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at 18th Avenue and West Lacey Boulevard in Lemoore, Kings County, California (the "subject property"). Any exceptions to, or deletions from, this scope of work are described in the report.

### 1.1 Purpose

The purpose of this ESA is to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E1527-13) affecting the subject property that: 1) constitute or result in a material violation or a potential material violation of any applicable environmental law; 2) impose any material constraints on the operation of the subject property or require a material change in the use thereof; 3) require clean-up, remedial action or other response with respect to Hazardous Substances or Petroleum Products on or affecting the subject property under any applicable environmental law; 4) may affect the value of the subject property; and 5) may require specific actions to be performed with regard to such conditions and circumstances. The information contained in the ESA Report will be used by Client to: 1) evaluate its legal and financial liabilities for transactions related to foreclosure, purchase, sale, loan origination, loan workout or seller financing; 2) evaluate the subject property's overall development potential, the associated market value and the impact of applicable laws that restrict financial and other types of assistance for the future development of the subject property; and/or 3) determine whether specific actions are required to be performed prior to the foreclosure, purchase, sale, loan origination, loan workout or seller financing of the subject property.

This ESA was performed to permit the *User* to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) liability (hereinafter, the "*landowner liability protections*," or "*LLPs*"). ASTM Standard E1527-13 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 Work

The scope of work for this ESA is in accordance with the requirements of ASTM Standard E1527-13. This assessment included: 1) a property and adjacent site reconnaissance; 2) interviews with key personnel; 3) a review of historical sources; 4) a review of regulatory agency records; and 5) a review of a regulatory database report provided by a third-party vendor. Partner contacted local agencies, such as environmental health departments, fire departments and building departments in order to determine any current and/or former hazardous substances usage, storage and/or releases of hazardous substances on the subject property.

Additionally, Partner researched information on the presence of activity and use limitations (AULs) at these agencies. As defined by ASTM E1527-13, AULs are the legal or physical restrictions or limitations on the use of, or access to, a site or facility: 1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the subject property; or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls (IC/ECs), are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil or groundwater on the property.

If requested by Client, this report may also include the identification, discussion of, and/or limited sampling of asbestos-containing materials (ACMs), lead-based paint (LBP), mold, and/or radon.

### **1.3 Limitations**

Partner warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the Scope of Work. These methodologies are described as representing good commercial and customary practice for conducting an ESA of a property for the purpose of identifying recognized environmental conditions. There is a possibility that even with the proper application of these methodologies there may exist on the subject property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. Partner believes that the information obtained from the record review and the interviews concerning the subject property is reliable. However, Partner cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the Client. No other warranties are implied or expressed.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This report is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

This practice does not address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provisions of the LLPs. Further, this report does not intend to address all of the safety concerns, if any, associated with the subject property.

Environmental concerns, which are beyond the scope of a Phase I ESA as defined by ASTM include the following: ACMs, LBP, radon, and lead in drinking water. These issues may affect environmental risk at the subject property and may warrant discussion and/or assessment; however, are considered non-scope issues. If specifically requested by the Client, these non-scope issues are discussed in Section 6.3.

## 1.4 User Reliance

Maricopa Orchards, LLC, engaged Partner to perform this assessment in accordance with an agreement governing the nature, scope and purpose of the work as well as other matters critical to the engagement. All reports, both verbal and written, are for the sole use and benefit of Maricopa Orchards, LLC. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with Partner granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, Client and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such Use. Unauthorized use of this report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

This report has been completed under specific Terms and Conditions relating to scope, relying parties, limitations of liability, indemnification, dispute resolution, and other factors relevant to any reliance on this report.

## 1.5 Limiting Conditions

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in ASTM E1527-13. Specific limitations and exceptions to this ESA are more specifically set forth below:

- Partner was unable to determine the property use at five-year intervals, which constitutes a data gap. Except for property tax files and recorded land title records, which were not considered to be sufficiently useful, Partner reviewed all standard historical sources and conducted appropriate interviews.
- Partner submitted Freedom of Information Act (FOIA) requests to the Kings County Environmental Health Services (KCEHS) and San Joaquin Valley Air Pollution Control District (SJVAPCD) for information pertaining to hazardous substances, underground storage tanks, releases, inspection records, etc. for the subject property. As of this writing, these agencies have not responded to Partner's requests. Based on information obtained from other sources, this limitation is not expected to alter the overall findings of this assessment.
- Interviews with past owners, operators, and occupants were not reasonably ascertainable and thus constitute a data gap. Based on information obtained from other historical sources (as discussed in Section 3.0), this data gap is not expected to alter the findings of this assessment.
- Partner requested information relative to deed restrictions and environmental liens, a title search, and completion of a pre-survey questionnaire from the Report User. This information was not provided at the time of the assessment.

## 2.0 SITE DESCRIPTION

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### 2.1 Site Location and Legal Description

The subject property is located on the eastern side of 18th Avenue and the southern side of West Lacey Boulevard in Lemoore, California. According to information obtained from the Kings County Assessor and Chicago Title Company, the subject property is legally described as *PTN of NW ¼ 35/18/20* and ownership is currently vested in Stephen L. Semas Family GST EXE TRS since 2012.

Please refer to Figure 1: Site Location Map, Figure 2: Site Plan, Figure 3: Topographic Map, and Appendix A: Site Photographs for the location and site characteristics of the subject property.

### 2.2 Current Property Use

The subject property is currently agricultural land. On-site operations consist of the cultivation of alfalfa. In addition to the on-site agricultural land, the subject property is also improved with a diesel-powered irrigation well with an associated 10,000-gallon diesel AST, two electrically powered irrigation wells, a lift pump, an irrigation canal, and unpaved roads that surround and bisect the parcel.

The subject property is designated for agricultural development by Kings County.

The subject property was not identified in the regulatory database report, discussed in Section 4.2.

### 2.3 Current Use of Adjacent Properties

The subject property is located within a residential and agricultural area of Kings County. During the vicinity reconnaissance, Partner observed the following land use on properties in the immediate vicinity of the subject property:

#### ***Immediately Surrounding Properties***

**North:** West Lacey Boulevard, beyond which are rural residences and agricultural land (17628, 17790, 17910, and 18320 West Lacey Boulevard)

**South:** Single-family residences

**East:** Orchard

**West:** City of Lemoore Well #11 and solar farm, and 18<sup>th</sup> Avenue, beyond which is an orchard and a rural residence (10026 18<sup>th</sup> Avenue)

The adjacent property to the north was identified as a Certified Unified Program Agency (CUPA) Listings site; and the adjacent property to the west was identified as a California Environmental Reporting System (CERS) and a CERS Hazardous Waste Generator (CERS HAZ WASTE) site in the regulatory database report, as further discussed in Section 4.2.

## **2.4 Physical Setting Sources**

### **2.4.1 Topography**

The United States Geological Survey (USGS) *Lemoore, California* Quadrangle 7.5-minute series topographic map was reviewed for this ESA. According to the contour lines on the topographic map, the subject property is located at approximately 235 feet above mean sea level (MSL). The contour lines in the area of the subject property indicate the area is sloping gently toward the southwest. The subject property is depicted on the 1954 map as developed with two residential-type buildings within the northern portion, an irrigation canal bisecting the southeastern portion, and the remainder depicted as undeveloped.

A copy of the topographic map is included as Figure 3 of this report.

### **2.4.2 Hydrology**

The nearest surface water in the vicinity of the subject property is an irrigation canal located within the southeastern portion of the subject property. No settling ponds, lagoons, surface impoundments, or natural catch basins were observed at the subject property during this assessment.

The subject property is not currently connected to the public water system, and no domestic wells are located on the subject property. Three irrigation wells are present on the subject property.

According to information obtained from SWRCB GeoTracker database for a nearby site, groundwater in the vicinity of the subject property is inferred to be approximately 20 feet bgs and flow toward the west.

### **2.4.3 Geology/Soils**

The subject property is situated within the central portion of the San Joaquin Valley. The San Joaquin Valley comprises the southern portion of the Great Valley Geomorphic Province of the State of California. The Great Valley is a long structural trough situated between the Sierra Nevada and Cascade Range to the east, the Coast Range to the west, and the Tehachapi Mountains to the south. The San Joaquin Valley has been filled with several thousand feet of sedimentary deposits derived from the erosion of the Sierra Nevada and Coastal Ranges and deposited by major to minor drainages and their tributaries. Near-surface sediments are dominated by sands and silty sands with lesser silts, minor clays, and gravel. The sedimentary deposits in the region form large coalescing alluvial fans with gentle slopes deposited primarily during Plio-Pleistocene time by the streams that drain the adjacent uplands. Sediments consist of recent and older alluvium derived primarily from the Sierra Nevada and the Coast Ranges. Older (Pleistocene) alluvium unconformably overlies Pliocene-Pleistocene continental and marine deposits. The valley basement, consisting of pre-Tertiary granitic and metamorphic rocks, underlies the clastic section at a depth in excess of 2,000 feet bgs.

Based on information obtained from the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey online database, the subject property is mapped

as Nord complex and Whitewolf coarse sandy loam. The Nord series consists of well-drained soils of alluvium derived from igneous rock on alluvial fan landforms. The Whitewolf series consists of somewhat excessively drained soils with a typical profile of coarse sandy loam to 10 inches followed by sand to 60 inches bgs. Slopes range from 0 to 2 percent.

#### **2.4.4 Flood Zone Information**

Partner performed a review of the Flood Insurance Rate Map, published by the Federal Emergency Management Agency. According to Community Panel Number 06031C0160D dated September 16, 2015, the subject property appears to be located in unshaded Zone X, an area of minimal flood hazard.

A copy of the reviewed flood map is included in Appendix B of this report.

### 3.0 HISTORICAL INFORMATION

Partner obtained historical use information about the subject property from a variety of sources. A chronological listing of the historical data found is summarized in the table below:

<b>Historical Use Information</b>		
<b>Period/Date</b>	<b>Source</b>	<b>Description/Use</b>
1927, 1942	Topographic Maps	Undeveloped
1950-1954	Aerial Photographs, Topographic Maps,	Residential and Agricultural Land
1963-Present	Topographic Maps, Aerial Photographs, On-site Observations	Agricultural Land

Potential environmental concerns were identified in association with the current and former uses of the subject property, as further discussed in Sections 4.1 and 6.2.

Additionally, the subject property has been utilized for agricultural purposes since at least 1950. There is a potential that agricultural related chemicals such as pesticides, herbicides, and fertilizers, may have been used and stored on-site. Agricultural chemicals in use today are commonly selected using a licensed pest control advisor and are reported to the Agricultural Commissioner. It is unknown if environmentally persistent pesticides and/or herbicides were historically applied to the crops grown on the subject property. However, it has been Partner’s experience with similar agricultural properties that there is a low potential for soil contamination at concentrations in excess of regulatory thresholds as a result of the past use of persistent pesticides/herbicides from normal crop application. Furthermore, no specific areas of concern for agricultural chemical use have been identified during the course of this assessment. Based on these factors, the previous agricultural use of the subject property is not expected to represent a significant environmental concern at this time.

#### 3.1 Aerial Photograph Review

Partner obtained available aerial photographs of the subject property and surrounding area from Environmental Data Resources, Inc. (EDR) on February 20, 2019. The following features were noted to be visible on the subject property and adjacent properties during the aerial photograph review:

<b>Date:</b>	<b>1950, 1954</b>	<b>Scale:</b>	<b>1"=500'</b>
<b>Subject Property:</b>	Appears to be developed with a residence and barn within the southwestern portion, with scattered agricultural development and an irrigation canal bisecting the southeastern portion		
<b>North:</b>	Appears to be developed with a residence and barn with agricultural cultivation across a road (West Lacey Boulevard)		
<b>South:</b>	Appears to be agriculturally cultivated with portions undeveloped native land		
<b>East:</b>	Appears to be native land with a residence within the northern portion		
<b>West:</b>	Appears to be developed with a residence, a road (18 <sup>th</sup> Avenue) beyond which is agriculturally cultivated		

<b>Date:</b>	<b>1974</b>	<b>Scale:</b>	<b>1"=500'</b>
<b>Subject Property:</b>	Appears to be agriculturally developed with row crops with the previously noted buildings absent		
<b>North:</b>	No significant changes visible except for the development of two residences		
<b>South:</b>	Appears to be developed with the current residential subdivision		
<b>East:</b>	No significant changes visible with the previously noted residence absent		
<b>West:</b>	No significant changes visible		

<b>Date:</b>	<b>1976, 1984, 1994</b>	<b>Scale:</b>	<b>1"=500'</b>
<b>Subject Property:</b>	No significant changes visible		
<b>North:</b>	No significant changes visible		
<b>South:</b>	No significant changes visible		
<b>East:</b>	No significant changes visible		
<b>West:</b>	No significant changes visible with the previously noted residence absent		

<b>Date:</b>	<b>2006, 2009, 2012, 2016</b>	<b>Scale:</b>	<b>1"=500'</b>
<b>Subject Property:</b>	No significant changes visible		
<b>North:</b>	No significant changes visible		
<b>South:</b>	No significant changes visible		
<b>East:</b>	No significant changes visible		
<b>West:</b>	Appears to be developed with the current large capacity AST with associated equipment, and a road, beyond which is a residence within the northern portion		

Copies of reviewed aerial photographs are included in Appendix B of this report.

### 3.2 Fire Insurance Maps

Partner contracted with EDR to provide Sanborn fire insurance maps for the subject property and surrounding area on February 20, 2019. EDR's Sanborn map search revealed no coverage for the subject property or adjacent properties.

A copy of the EDR, *Certified Sanborn Map Report* is included in Appendix B of this report.

### 3.3 City Directories

City directories were not researched due to the absence of addresses associated with the subject property.

### 3.4 Historical Topographic Maps

Partner reviewed historical topographic maps obtained from NETR Online on March 1, 2019. The following features were noted to be depicted on the subject property and adjacent properties during the topographic map review:

<b>Date:</b>	<b>1927, 1942</b>
<b>Subject Property:</b>	Depicted as undeveloped land with a well located within the western portion and an irrigation canal bisecting within the southeastern portion
<b>North:</b>	Depicted as developed with residential-type buildings across a road
<b>South:</b>	Depicted as undeveloped land
<b>East:</b>	Depicted as developed with a residential-type building
<b>West:</b>	Depicted as developed with a residential-type building across a road



**Date:** 1963, 1980, 1986

**Subject Property:** No significant changes depicted  
**North:** No significant changes depicted  
**South:** No significant changes depicted  
**East:** No significant changes depicted  
**West:** Depicted as developed with agricultural land and a water well

Due to copyright consideration copies of the reviewed topographic maps are not included in this report.

## 4.0 REGULATORY RECORDS REVIEW

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### 4.1 Regulatory Agencies

#### 4.1.1 State Department

##### *Regulatory Agency Data*

<b>Name of Agency:</b>	California Environmental Protection Agency (CalEPA)
<b>Point of Contact:</b>	CalEPA Regulated Sites Portal
<b>Agency Address:</b>	<a href="https://siteportal.calepa.ca.gov/nsite/">https://siteportal.calepa.ca.gov/nsite/</a>
<b>Date of Contact:</b>	February 25, 2019
<b>Method of Communication:</b>	Online Research
<b>Summary of Communication:</b>	No records regarding hazardous substance use, storage, or releases; or the presence of USTs and AULs on the subject property were on file with the CalEPA.

#### 4.1.2 Health Department

##### *Regulatory Agency Data*

<b>Name of Agency:</b>	Kings County Environmental Health Services (KCEHS)
<b>Point of Contact:</b>	Administrative Personnel
<b>Agency Address:</b>	330 Campus Drive Hanford, California
<b>Agency Phone Number:</b>	(559) 584-1401
<b>Date of Contact:</b>	February 21, 2019
<b>Method of Communication:</b>	Faxed Request
<b>Summary of Communication:</b>	As of the date of this report, Partner has not received a response from the KCEHS for inclusion in this report.

#### 4.1.3 Fire Department

##### *Regulatory Agency Data*

<b>Name of Agency:</b>	Kings County Fire Department (KCFD)
<b>Point of Contact:</b>	Mr. Rick Leavy
<b>Agency Address:</b>	280 North Campus Drive Hanford, California
<b>Agency Phone Number:</b>	(559) 852-2881
<b>Date of Contact:</b>	February 21, 2019
<b>Method of Communication:</b>	Telephone
<b>Summary of Communication:</b>	The KCEHS is the Certified Unified Program Agency (CUPA) designated by CalEPA as the environmental regulatory control authority for Kings County (see Section 4.1.2 above).

#### 4.1.4 Air Pollution Control Agency

##### Regulatory Agency Data

<b>Name of Agency:</b>	San Joaquin Valley Air Pollution Control District (SJVAPCD)
<b>Point of Contact:</b>	Administrative Personnel
<b>Agency Address:</b>	1990 East Gettysburg Avenue, Fresno, California
<b>Agency Phone Number:</b>	(559) 230-6000
<b>Date of Contact:</b>	February 25, 2019
<b>Method of Communication:</b>	Online FOIA Request
<b>Summary of Communication:</b>	As of the date of this report, Partner has not received a response from the SJVAPCD for inclusion in this report.

#### 4.1.5 Regional Water Quality Agency

##### Regulatory Agency Data

<b>Name of Agency:</b>	State Water Resources Control Board (SWRCB)
<b>Point of Contact:</b>	SWRCB GeoTracker Database
<b>Agency Address:</b>	<a href="http://geotracker.waterboards.ca.gov/">http://geotracker.waterboards.ca.gov/</a>
<b>Date of Contact:</b>	February 25, 2019
<b>Method of Communication:</b>	Online Research
<b>Summary of Communication:</b>	No records regarding hazardous substance use, storage, or releases; or the presence of USTs and AULs on the subject property were on file with the SWRCB.

#### 4.1.6 Department of Toxic Substances Control

##### Regulatory Agency Data

<b>Name of Agency:</b>	California Department of Toxic Substances Control (DTSC)
<b>Point of Contact:</b>	DTSC EnviroStor and Hazardous Waste Tracking System Databases
<b>Agency Address:</b>	<a href="http://www.envirostor.dtsc.ca.gov/public/">http://www.envirostor.dtsc.ca.gov/public/</a>
<b>Date of Contact:</b>	February 25, 2019
<b>Method of Communication:</b>	Online Research
<b>Summary of Communication:</b>	No records regarding hazardous substance use, storage, or releases; or the presence of USTs and AULs on the subject property were on file with the DTSC.

#### 4.1.7 Building Department

##### Regulatory Agency Data

<b>Name of Agency:</b>	Kings County Community Development Agency, Building Division (KCBD)
<b>Point of Contact:</b>	Mr. Alex Hernandez
<b>Agency Address:</b>	1400 West Lacey Boulevard Hanford, California
<b>Agency Phone Number:</b>	(559) 852-2670
<b>Date of Contact:</b>	February 28, 2019
<b>Method of Communication:</b>	Telephone
<b>Summary of Communication:</b>	According to the KCBD, permit records are filed by address. As such, no building permit records were identified by the KCBD for the subject property.

#### 4.1.8 Planning Department

##### Regulatory Agency Data

<b>Name of Agency:</b>	Kings County Community Development Agency, Planning Division (KCPD)
<b>Point of Contact:</b>	Kings County GIS Viewer
<b>Agency Address:</b>	<a href="http://kingscountygis.com/parcel_query/">http://kingscountygis.com/parcel_query/</a>
<b>Date of Contact:</b>	February 21, 2019
<b>Method of Communication:</b>	Online Research
<b>Summary of Communication:</b>	According to records reviewed, the subject property is zoned <i>Limited Agricultural</i> for agricultural development by Kings County.

#### 4.1.9 Oil & Gas Exploration

##### Regulatory Agency Data

<b>Name of Agency:</b>	California Division of Oil, Gas and Geothermal Resources (DOGGR)
<b>Point of Contact:</b>	DOGGR Well Finder Database
<b>Agency Address:</b>	<a href="https://maps.conservation.ca.gov/doggr/wellfinder/#close">https://maps.conservation.ca.gov/doggr/wellfinder/#close</a>
<b>Date of Contact:</b>	February 27, 2019
<b>Method of Communication:</b>	Online Research
<b>Summary of Communication:</b>	According to records reviewed, an abandoned oil/gas well is located on the subject property. This well is discussed below:

According to records available from the DOGGR Well Finder Database, Well Kreyenhagen 23-35 was drilled to a depth of 9,090 feet bgs on April 1, 1964 and was subsequently abandoned in accordance with DOGGR requirements on May 16, 1964. Review of the DOGGR records indicates that no oil or gas was encountered during the development of the on-site oil/gas well.

The presence of the well on the subject property represent a potential for environmental concerns if 1) drill cuttings (muds) were stored on the subject property and 2) emission of methane and hydrogen sulfide gases are likely to impact the subject property. During oil well drilling of this type, it was common practice to deposit the drill cuttings in a large excavation near the location of the well, commonly referred to as drilling mud pits. The drill cuttings could potentially contain elevated levels of crude oil, petroleum hydrocarbons, and metals. An additional issue of concern with oil/gas wells is the potential emission of methane and hydrogen sulfide gases. These gases can migrate through geologic materials and/or through pathways such as old oil wells, fissures, and fractures in underlying geologic formations. The emitted gases have the potential to accumulate within building interiors or basements and adversely affect human health. However, due to the absence of structural developments in the area of the abandoned wells, and the fact that the wells did not produce oil or gas, potential emissions of methane and hydrogen sulfide gases are not expected to represent a significant environmental concern at this time. However, the likely presence of drilling mud pits in connection with the wells is considered a REC, as they represent conditions indicative of a release to the environment. It should be noted that the owners/operators of the wells would likely be responsible for any future well abandonment activities, including any subsurface investigations and/or remediation related to potential contamination associated with drilling mud pits on the subject property. Partner also notes that DOGGR may require the re-abandonment of the wells to current abandonment guidelines should future development on the subject

property "prevent or impede access to the well for purposes of remedying a currently perceived future problem" (California Petroleum and Gas Laws, 3208.1).

#### 4.1.10 Assessor's Office

##### Regulatory Agency Data

<b>Name of Agency:</b>	Kings County Assessor's Office (KCAO)
<b>Point of Contact:</b>	KCAO Parcel Information Database
<b>Agency Address:</b>	<a href="https://assr.parcelquest.com/Home/Disclaimer">https://assr.parcelquest.com/Home/Disclaimer</a>
<b>Date of Contact:</b>	February 28, 2019
<b>Method of Communication:</b>	Online Research
<b>Summary of Communication:</b>	According to records reviewed, the subject property is identified by Assessor Parcel Number (APN) 021-030-057, and is legally described as <i>PTN of NW 1/4 35/18/20</i> . The subject property parcel is 155.85-acres.

Copies of pertinent documents obtained from the aforementioned regulatory agencies, if available, are included in Appendix B of this report.

## 4.2 Mapped Database Records Search

Information from standard federal, state, county, and city environmental record sources was provided by EDR. Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released. The information contained in this report was compiled from publicly available sources and the locations of the sites are plotted utilizing a geographic information system, which geocodes the site addresses. The accuracy of the geocoded locations is approximately +/-300 feet.

Using the ASTM definition of migration, Partner considers the migration of hazardous substances or petroleum products in any form onto the subject property during the evaluation of each site listed on the radius report, which includes solid, liquid, and vapor.

### 4.2.1 Regulatory Database Summary

<b>Radius Report Data</b>				
<b>Database</b>	<b>Search Radius (mile)</b>	<b>Subject Property</b>	<b>Adjacent Properties</b>	<b>Sites of Concern</b>
Federal NPL or Delisted NPL Site	1.00	No	No	No
Federal SEMS Site	0.50	No	No	No
Federal SEMS-Archive Site	0.50	No	No	No
Federal RCRA CORRACTS Facility	1.00	No	No	No
Federal RCRA TSDF Facility	0.50	No	No	No
Federal RCRA Generators Site	0.25	No	No	N/A
Federal IC/EC Registries	0.50	No	No	No
Federal ERNS Site	Subject Property	No	N/A	N/A
State/Tribal Equivalent NPL	1.00	No	No	No
State/Tribal Equivalent CERCLIS	1.00	No	No	No
State/Tribal Landfill/Solid Waste Disposal Site	0.50	No	No	No
State/Tribal Leaking Storage Tank Site	0.50	No	No	No
State/Tribal Registered Storage Tank Sites	0.25	No	No	N/A
State/Tribal Voluntary Cleanup Sites (VCP)	0.50	No	No	No
State/Tribal Spills	0.50	No	No	No
Federal Brownfield Sites	0.50	No	No	No
State Brownfield Sites	0.50	No	No	No
Miscellaneous Databases	Varies	No	<b>Yes</b>	No
EDR MGP	1.00	No	No	No
EDR Hist Auto	0.125	No	No	N/A
EDR Hist Cleaner	0.125	No	No	N/A

### 4.2.2 Subject Property Listings

The subject property is not identified in the regulatory database report.

### **4.2.3 Adjacent Property Listings**

The adjacent property to the north is identified as a CUPA Listings site in the regulatory database report, as discussed below:

- Pederson Farms at Avenue 18 and Lacey Boulevard is regulated by the KCEHS under the CUPA program. The database indicates that the facility is inactive. No additional pertinent information is listed in the database. This facility is not listed on databases indicative of a release of hazardous substances. Based on the absence of documented releases and the KCEHS oversight, this listing is not expected to represent a significant environmental concern.

The adjacent property to the west is identified as a CERS and a CERS HAZ WASTE site in the regulatory database report, as discussed below:

- City of Lemoore Well #11 at Avenue 18 and Glendale Avenue is regulated by the KCEHS as a CERS database as a Hazardous Chemical Management and Chemical Storage Facility. No violations are reported in the CERS databases. This facility is not listed on databases indicative of a release of hazardous substances. Based on the absence of documented releases and the KCEHS oversight, this listing is not expected to represent a significant environmental concern.

Based on the findings, vapor migration from the adjacent properties is not expected to represent a significant environmental concern at this time.

### **4.2.4 Sites of Concern Listings**

No sites of concern are identified in the regulatory database report. Based on various mitigating factors including relative distance from the subject property, inferred direction of groundwater flow, media affected, and/or regulatory status, the remaining listed sites within the specified search radius of the subject property which appeared on local, State, or Federally published lists of sites that have had releases of hazardous substances, are not expected to represent a significant environmental concern.

Based on the findings, vapor migration from the surrounding properties is not expected to represent a significant environmental concern at this time.

### **4.2.5 Orphan Listings**

No orphan listings are identified in the regulatory database report.

A copy of the regulatory database report is included in Appendix C of this report.

## 5.0 USER PROVIDED INFORMATION AND INTERVIEWS

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* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The *User* should provide the following information to the *environmental professional*. Failure to provide this information could result in a determination that *all appropriate inquiries* is not complete. The *User* is asked to provide information or knowledge of the following:

- Review Title and Judicial Records for Environmental Liens and AULs
- Specialized Knowledge or Experience of the User
- Actual Knowledge of the User
- Reason for Significantly Lower Purchase Price
- Commonly Known or *Reasonably Ascertainable* information
- Degree of Obviousness
- Reason for Preparation of this Phase I ESA

Fulfillment of these user responsibilities is key to qualification for the identified defenses to CERCLA liability. Partner requested our Client to provide information to satisfy User Responsibilities as identified in Section 6 of the ASTM guidance.

Pursuant to ASTM E1527-13, Partner requested the following site information from Maricopa Orchards, LLC (User of this report).

### ***User Responsibilities***

<b>Item</b>	<b>Provided By User</b>	<b>Not Provided By User</b>	<b>Discussed Below</b>	<b>Does Not Apply</b>
Environmental Pre-Survey Questionnaire			X	
Title Records, Environmental Liens, and AULs			X	
Specialized Knowledge			X	
Actual Knowledge			X	
Valuation Reduction for Environmental Issues			X	
Identification of Key Site Manager	<b>Section 5.1.3</b>			
Reason for Performing Phase I ESA	<b>Section 1.1</b>			
Prior Environmental Reports		X		
Other		X		



## **5.1 Interviews**

### **5.1.1 Interview with Owner**

Mr. Stephen L. Semas subject property owner, was not aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

Mr. Semas indicated the presence of a diesel AST on the subject property. Mr. Semas further stated that there are no USTs, clarifiers, oil/water separators, or groundwater monitoring wells on the subject property to the best of his knowledge.

### **5.1.2 Interview with Report User**

Please refer to Section 5.2 below for information requested from the Report User. The information requested was not received prior to the issuance of this report.

### **5.1.3 Interview with Key Site Manager**

Mr. Semas was also identified as the key site manager.

### **5.1.4 Interviews with Past Owners, Operators, and Occupants**

Interviews with past owners, operators, and occupants were not reasonably ascertainable and thus constitute a data gap.

### **5.1.5 Interview with Others**

As the subject property is not an abandoned property as defined in ASTM 1527-13, interview with others were not performed.

## **5.2 User Provided Information**

### **5.2.1 Title Records, Environmental Liens, and AULs**

Partner was not provided with title records or environmental lien and AUL information for review as part of this assessment.

### **5.2.2 Specialized Knowledge**

No specialized knowledge of environmental conditions associated with the subject property was provided by the User at the time of the assessment.

### **5.2.3 Actual Knowledge of the User**

No actual knowledge of any environmental lien or AULs encumbering the subject property or in connection with the subject property was provided by the User at the time of the assessment.

#### **5.2.4 Valuation Reduction for Environmental Issues**

No knowledge of valuation reductions associated with the subject property was provided by the User at the time of the assessment.

#### **5.2.5 Commonly Known or Reasonably Ascertainable Information**

The User did not provide information that is commonly known or *reasonably ascertainable* within the local community about the subject property at the time of the assessment.

#### **5.2.6 Previous Reports and Other Provided Documentation**

No previous reports or other pertinent documentation was provided to Partner for review during the course of this assessment.

## 6.0 SITE RECONNAISSANCE

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The weather at the time of the site visit was partly sunny. Refer to Section 1.5 for limitations encountered during the site reconnaissance and Sections 2.1 and 2.2 for subject property operations. The table below provides the site assessment details:

### *Site Assessment Data*

<b>Site Assessment Performed By:</b>	Sheryl A. Amezcua
<b>Site Assessment Conducted On:</b>	February 27, 2019

Partner was unaccompanied during the site reconnaissance activities. Environmental concerns were identified during the site reconnaissance related to signs of a release, as further discussed in Section 6.2.

### 6.1 General Site Characteristics

#### 6.1.1 *Solid Waste Disposal*

No solid waste is not currently generated at the subject property. No evidence of illegal dumping of solid waste was observed during the site reconnaissance.

#### 6.1.2 *Sewage Discharge and Disposal*

No wastewater treatment facilities or septic systems were observed or reported on the subject property.

#### 6.1.3 *Surface Water Drainage*

Stormwater is removed from the subject property primarily by direct infiltration to unpaved ground surfaces.

According to information obtained from United States Fish & Wildlife Service *Wetlands Mapper*, a riverine wetland is depicted in the southeastern portion of the subject property. A comprehensive wetlands survey would be required in order to formally determine actual wetlands on the subject property. With the exception of the on-site irrigation canal, no surface impoundments, wetlands, natural catch basins, settling ponds, or lagoons are located on the subject property. No drywells were identified on the subject property.

#### 6.1.4 *Source of Heating and Cooling*

No heating or cooling equipment was observed on the subject property.

#### 6.1.5 *Wells and Cisterns*

Three irrigation wells were observed on the subject property. One of the wells is diesel-powered and two are electrically powered. An electric lift pump is also located on the subject property. No information regarding analytical testing or construction specifications of the on-site wells was found during the course of this assessment. Water sampling was not conducted to verify water quality.

#### 6.1.6 *Wastewater*

No domestic wastewater is currently generated at the subject property. No industrial process is currently performed at the subject property.

### **6.1.7 Septic Systems**

No septic systems were observed or reported on the subject property.

### **6.1.8 Additional Site Observations**

No additional general site characteristics were observed during the site reconnaissance.

## **6.2 Potential Environmental Hazards**

### **6.2.1 Hazardous Substances and Petroleum Products Used or Stored at the Site**

The diesel-powered irrigation well was observed to be connected to an approximately 10,000-gallon diesel AST within the central portion of the subject property. The AST was observed to be placed over the unpaved ground surface absent secondary containment. Staining was observed on the unpaved ground surface in the area of the AST and well, as further discussed in Section 6.2.3.

No other hazardous substances or petroleum products were observed on the subject property during the site reconnaissance.

### **6.2.2 Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)**

A diesel AST was observed on the subject property, as previously discussed in Section 6.2.1.

No evidence of current or former USTs was observed during the site reconnaissance.

### **6.2.3 Evidence of Releases**

A minor release of apparent diesel fuel was observed on the unpaved ground surface beneath a valve on the northern-end of the diesel AST. This area of staining was limited in extent and is considered a *de minimis* condition. Heavy oily surface staining from apparent lubrication oil was observed beneath and around the associated diesel engine on the southern side of the AST, and around the irrigation well pump. The vertical extent of the staining in these areas could not be determined. However, lubrication oil does not typically migrate easily in the subsurface and is not expected to have migrated to significant depth. Based on this information, the staining observed around the AST, engine, and well pump is considered a *de minimis* condition.

No additional spills, stains or other indications that a surficial release has occurred at the subject property were observed.

### **6.2.4 Polychlorinated Biphenyls (PCBs)**

Older transformers and other electrical equipment could contain PCBs at a level that subjects them to regulation by the U.S. EPA. PCBs in electrical equipment are controlled by United States Environmental Protection Agency regulations 40 CFR, Part 761. Under the regulations, there are three categories into which electrical equipment can be classified: 1) Less than 50 parts per million (ppm) of PCBs – “Non-PCB;” 2) 50 ppm-500 ppm – “PCB-Contaminated;” and, 3) Greater than 500 ppm – “PCB-Containing.” The manufacture, process, or distribution in commerce or use of any PCB in any manner other than in a totally enclosed manner was prohibited after January 1, 1977.

The site reconnaissance addressed indoor and outdoor transformers that may contain PCBs. Pole-mounted and pad-mounted transformers were observed on the subject property. The transformers are not labeled indicating PCB content. No staining or leakage was observed in the vicinity of the transformers. PG&E maintains ownership and operational responsibility for the transformers. Based on the good condition of the equipment, the transformers are not expected to represent a significant environmental concern.

No other potential PCB-containing equipment (interior transformers, oil-filled switches, hoists, lifts, dock levelers, hydraulic elevators, balers, etc.) was observed on the subject property during the site reconnaissance.

#### **6.2.5 Strong, Pungent, or Noxious Odors**

Petroleum odors were noted in the area of the diesel AST and associated engine.

No other strong, pungent, or noxious odors were evident during the site reconnaissance.

#### **6.2.6 Pools of Liquid**

No pools of liquid were observed on the subject property during the site reconnaissance.

#### **6.2.7 Drains, Sumps, and Clarifiers**

No drains, sumps, or clarifiers, were observed on the subject property during the site reconnaissance.

#### **6.2.8 Pits, Ponds, and Lagoons**

No pits, ponds, or lagoons were observed on the subject property.

#### **6.2.9 Stressed Vegetation**

No stressed vegetation was observed on the subject property.

#### **6.2.10 Additional Potential Environmental Hazards**

No additional environmental hazards, including landfill activities or radiological hazards, were observed.

### **6.3 Non-ASTM Services**

#### **6.3.1 Asbestos-Containing Materials (ACMs)**

Asbestos is the name given to a number of naturally occurring, fibrous silicate minerals mined for their useful properties such as thermal insulation, chemical and thermal stability, and high tensile strength. The Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 requires certain construction materials to be *presumed* to contain asbestos, for purposes of this regulation. All thermal system insulation (TSI), surfacing material, and asphalt/vinyl flooring that are present in a building constructed prior to 1981 and have not been appropriately tested are "presumed asbestos-containing material" (PACM).

No buildings or structures are located on the subject property. As such, an asbestos evaluation was not required by the scope of services.

### 6.3.2 Lead-Based Paint (LBP)

Lead is a highly toxic metal that affects virtually every system of the body. LBP is defined as any paint, varnish, stain, or other applied coating that has 1 mg/cm<sup>2</sup> (or 5,000 ug/g or 0.5% by weight) or more of lead. Congress passed the Residential Lead-Based Paint Hazard Reduction Act of 1992, also known as "Title X", to protect families from exposure to lead from paint, dust, and soil. Under Section 1017 of Title X, intact LBP on most walls and ceilings is not considered a "hazard," although the condition of the paint should be monitored and maintained to ensure that it does not become deteriorated. Further, Section 1018 of this law directed the Housing and Urban Development (HUD) and the US EPA to require the disclosure of known information on LBP and LBP hazards before the sale or lease of most housing built before 1978.

No buildings or structures are located on the subject property. As such, a LBP evaluation was not required by the scope of services.

### 6.3.3 Radon

Radon is a colorless, odorless, naturally occurring, radioactive, inert, gaseous element formed by radioactive decay of radium (Ra) atoms. The US EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, according to the table below:

<b>EPA Radon Zones</b>		
<b>EPA Zones</b>	<b>Average Predicted Radon Levels</b>	<b>Potential</b>
Zone 1	Exceed 4.0 pCi/L	Highest
Zone 2	Between 2.0 and 4.0 pCi/L	Moderate
Zone 3	Less than 2.0 pCi/L	Low

It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the US EPA recommends site-specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Radon sampling was not conducted as part of this assessment. Review of the US EPA Map of Radon Zones places the subject property in Zone 3. Based upon the radon zone classification, radon is not considered to be a significant environmental concern.

### 6.3.4 Lead in Drinking Water

The subject property is not currently connected to the public water system, and no domestic wells are located on the subject property. Three irrigation wells are present on the subject property. Water sampling was not conducted to verify water quality.

### **6.3.5 Mold**

Molds are microscopic organisms found virtually everywhere, indoors and outdoors. Mold will grow and multiply under the right conditions, needing only sufficient moisture (e.g. in the form of very high humidity, condensation, or water from a leaking pipe, etc.) and organic material (e.g., ceiling tile, drywall, paper, or natural fiber carpet padding).

No buildings or structures are located on the subject property. As such, a mold evaluation was not required by the scope of services.

### **6.4 Adjacent Property Reconnaissance**

The adjacent property reconnaissance consisted of observing the adjacent properties from the subject property premises. No items of environmental concern were identified on the adjacent properties during the site assessment, including hazardous substances, petroleum products, ASTs, USTs, evidence of releases, PCBs, strong or noxious odors, pools of liquids, sumps or clarifiers, pits or lagoons, stressed vegetation, or any other potential environmental hazards.

## 7.0 FINDINGS AND CONCLUSIONS

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### Findings

A *REC* refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment. The following was identified during the course of this assessment:

- According to information obtained from the DOGGR Well Finder Database, a plugged and abandoned oil/gas well is located on the subject property. According to records available from the DOGGR Well Finder Database, the well, identified as Kreyenhagen 23-35, was drilled to a depth of 9,090 feet bgs on April 1, 1964 and was subsequently abandoned in accordance with DOGGR requirements on May 16, 1964. Review of the DOGGR records indicates that no oil or gas was encountered during the development of the well.

The presence of the well on the subject property represent a potential for environmental concerns if 1) drill cuttings (muds) were stored on the subject property and 2) emission of methane and hydrogen sulfide gases are likely to impact the subject property. During oil well drilling of this type, it was common practice to deposit the drill cuttings in a large excavation near the location of the well, commonly referred to as drilling mud pits. The drill cuttings could potentially contain elevated levels of crude oil, petroleum hydrocarbons, and metals. An additional issue of concern with oil/gas wells is the potential emission of methane and hydrogen sulfide gases. These gases can migrate through geologic materials and/or through pathways such as old oil wells, fissures, and fractures in underlying geologic formations. The emitted gases have the potential to accumulate within building interiors or basements and adversely affect human health. However, due to the fact that the well did not produce oil or gas, potential emissions of methane and hydrogen sulfide gases are not expected to represent a significant environmental concern at this time. However, the likely presence of drilling mud pits in connection with the wells is considered a *REC*, as they represent conditions indicative of a release to the environment. It should be noted that the owner/operator of the well would likely be responsible for any future well abandonment activities, including any subsurface investigations and/or remediation related to potential contamination associated with drilling mud pits on the subject property. Partner also notes that DOGGR may require the re-abandonment of the wells to current abandonment guidelines should future development on the subject property “prevent or impede access to the well for purposes of remedying a currently perceived future problem” (California Petroleum and Gas Laws, 3208.1).

A *CREC* refers to a *REC* resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. The following was identified during the course of this assessment:

- Partner did not identify evidence of *CRECs* during the course of this assessment.



A *HREC* refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. The following was identified during the course of this assessment:

- Partner did not identify evidence of HRECs during the course of this assessment.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion. The following was identified during the course of this assessment:

- During Partner's February 27, 2019 site reconnaissance, a diesel-powered irrigation well connected to an approximately 10,000-gallon diesel AST was observed within the central portion of the subject property. The AST was observed to be placed over the unpaved ground surface absent secondary containment. A minor release of apparent diesel fuel was observed on the unpaved ground surface beneath a valve on the northern-end of the AST. This area of staining was limited in extent and is considered a *de minimis* condition. Heavy oily surface staining from apparent lubrication oil was observed beneath and around the associated diesel engine on the southern side of the AST, and around the irrigation well pump. The vertical extent of the staining in these areas could not be determined. However, lubrication oil does not typically migrate easily in the subsurface and is not expected to have migrated to significant depth. Based on this information, the staining observed around the AST, engine, and well pump is considered a *de minimis* condition.
- The subject property has been utilized for agricultural purposes since at least 1950. There is a potential that agricultural related chemicals such as pesticides, herbicides, and fertilizers, may have been used and stored on-site. Agricultural chemicals in use today are commonly selected using a licensed pest control advisor and are reported to the Agricultural Commissioner. It is unknown if environmentally persistent pesticides and/or herbicides were historically applied to the crops grown on the subject property. However, it has been Partner's experience with similar agricultural properties that there is a low potential for soil contamination at concentrations in excess of regulatory thresholds as a result of the past use of persistent pesticides/herbicides from normal crop application. Furthermore, no specific areas of concern for agricultural chemical use have been identified during the course of this assessment. Based on these factors, the previous agricultural use of the subject property is not expected to represent a significant environmental concern at this time.

### **Conclusions, Opinions, and Recommendations**

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of the property located at 18th Avenue and West Lacey Boulevard in Lemoore, Kings County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed evidence of RECs and environmental issues in connection with the subject property. Based on the conclusions of this assessment, Partner recommends the following:

- In the event of any proposed development in the area of the abandoned oil/gas well, DOGGR should be contacted to determine current development and/or well abandonment requirements. Additionally, if a higher level of due diligence is desired, a Phase II investigation could be conducted to evaluate the presence or absence of drilling mud pits and the condition of the subsurface associated with suspected former drilling mud pits prior to any redevelopment in the area of the on-site well.
- As a best management practice, the areas of surface staining located near the diesel AST and engine should be excavated, drummed, and removed from the subject property for proper off-site disposal. Additionally, secondary containment should be provided for the diesel AST in order to prevent an accidental release from adversely impacting the subject property.
- In the event of any future residential development, if a higher level of comfort is desired, soil sampling and analysis for agricultural chemicals could be conducted to assess the condition of near surface soils at the subject property from current and historical agricultural use.

## 8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

---

Partner has performed a Phase I Environmental Site Assessment of the property located at 18th Avenue and West Lacey Boulevard in Lemoore, Kings County, California in conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

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

Prepared By:



Sheryl A. Amezcua  
Project Scientist

Reviewed By:



Joel Redding  
Environmental Professional  
Senior Project Manager

## 9.0 REFERENCES

---

### Reference Documents

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation: E1527-13.

Environmental Data Resources, Inc. (EDR), 6 Armstrong Road, 4th floor, Shelton, Connecticut 06484

EDR, Aerial Photo Decade Package, February 2019.

EDR, Certified Sanborn Map Report, February 2019.

EDR, Radius Map Report, February 2019.

Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via the internet, February 2019.

United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey, accessed via the internet, February 2019.

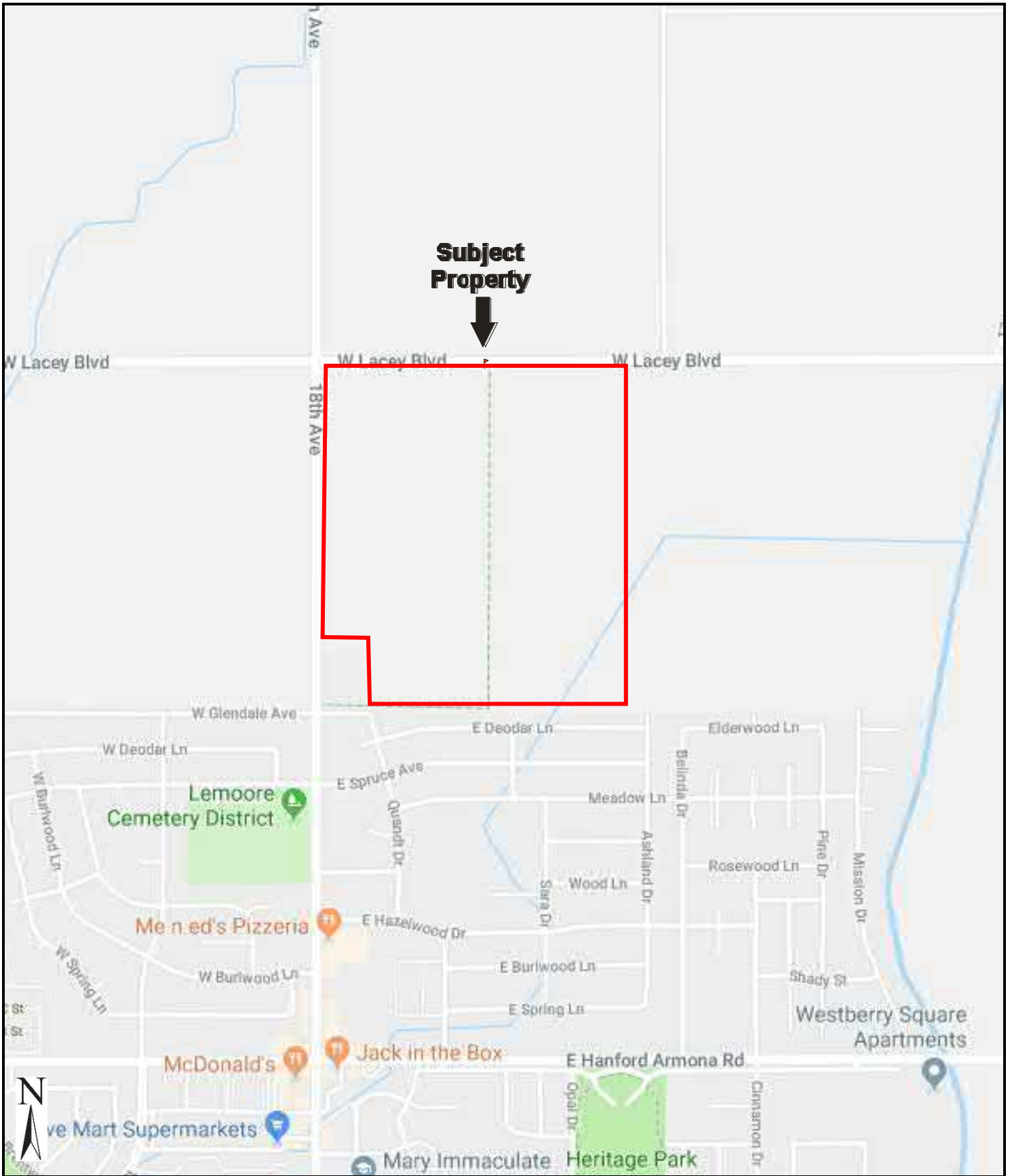
United States Department of Fish & Wildlife Service *Wetlands Mapper*, accessed via the internet, February 2019.

United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the internet, February 2019.

## **FIGURES**

---

- 1 SITE LOCATION MAP**
- 2 SITE PLAN**
- 3 TOPOGRAPHIC MAP**



Drawing Not To Scale

KEY:  
Subject Property 

**FIGURE 1: SITE LOCATION MAP**  
Project No. 19-239283.1



**GROUNDWATER FLOW**



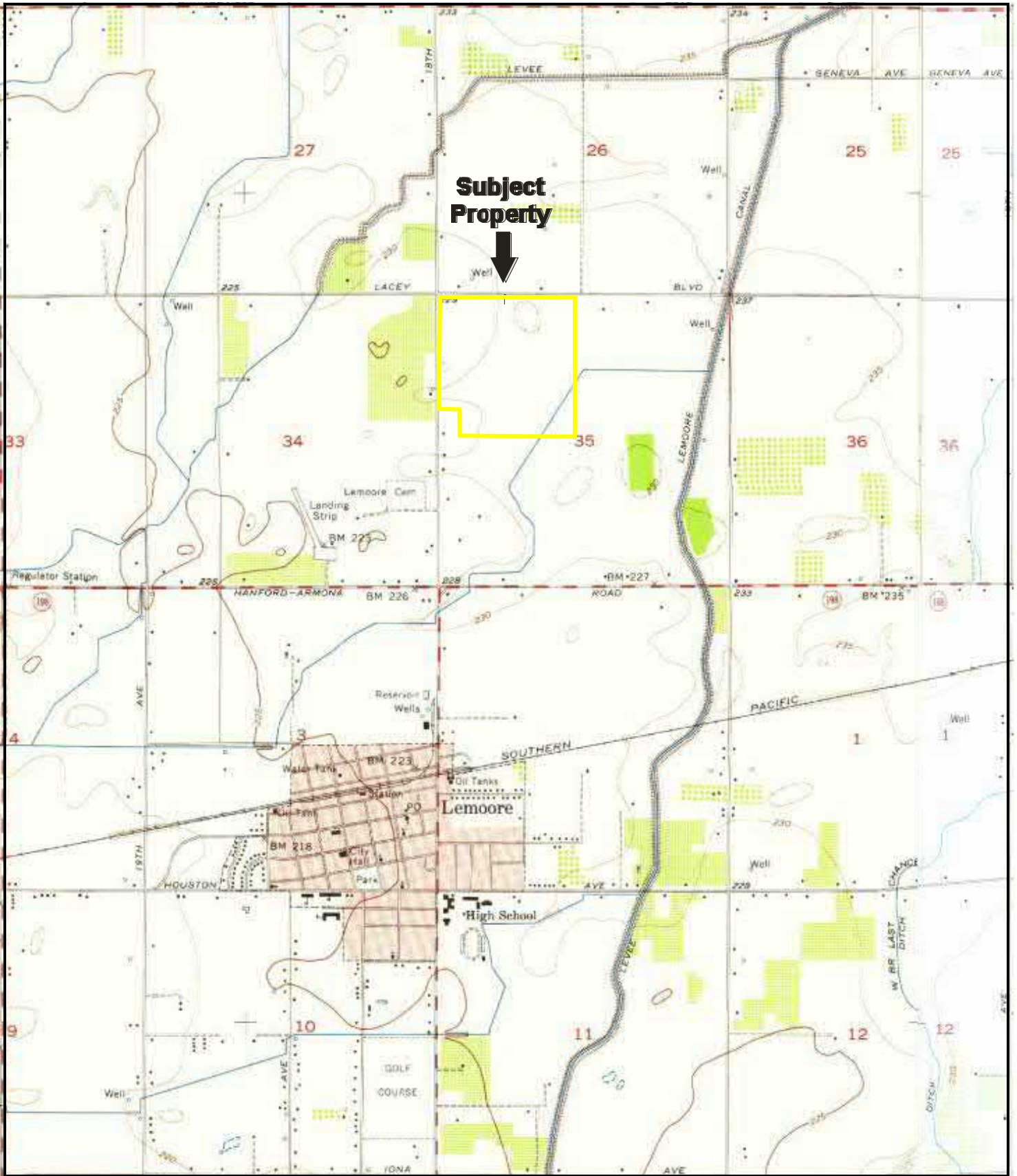
**KEY:**

Subject Property 

 Electrically Powered Irrigation Well/Lift Pump

 Diesel-Powered Irrigation Well

**FIGURE 2: SITE PLAN**  
Project No. 19-239283.1



**Subject Property**



USGS 7.5 Minute *Lemoore, California* Quadrangle  
 Created: 1954

KEY:  
 Subject Property 



## **APPENDIX A: SITE PHOTOGRAPHS**

---



1. View of the western portion of the subject property.



2. View of the southern portion of the subject property.



3. View of the subject property.



4. View of the northern portion of the subject property.



5. View of the central portion of the subject property.



6. View of the northern portion of the subject property.



7. View of the eastern portion of the subject property.



8. View of the central portion of the subject property.



9. View of the eastern portion of the subject property.



10. View of the central portion of the subject property.



11. View of the southern portion of the subject property.



12. View of an electrically powered irrigation well.



13. View of an electrically powered irrigation well.



14. View of a 10,000-gallon diesel AST located within the central portion of the subject property.



15. View of *de minimis* diesel surface staining beneath diesel AST valve.



16. View of the lubrication oil surface staining between the diesel AST and associated engine.



17. View of the lubrication oil surface staining beneath the engine.



18. View of the diesel-powered irrigation well and *de minimis* lubrication oil surface staining.



19. View of a lift pump within the southern portion of the subject property.



20. View of the concrete standpipe and the southern portion of the subject property.



21. View of the northern-adjacent property across West Lacey Boulevard.



22. View of the southern-adjacent properties.



23. View of the eastern-adjacent property.



24. View of the western-adjacent property across 18<sup>th</sup> Avenue.

## **APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION**



**Semas Property**

18th Avenue and West Lacey Boulevard

LEMOORE, CA 93245

Inquiry Number: 5566933.5

February 20, 2019

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

02/20/19

**Site Name:**

Semas Property  
18th Avenue and West Lacey E  
LEMOORE, CA 93245  
EDR Inquiry # 5566933.5

**Client Name:**

Partner Engineering and Science, Inc.  
2154 Torrance Blvd, Suite 200  
Torrance, CA 90501-0000  
Contact: Colleen Tubridy



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

**Search Results:**

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1950	1"=500'	Flight Date: April 15, 1950	USDA
1954	1"=500'	Flight Date: January 01, 1954	USGS
1974	1"=500'	Flight Date: August 01, 1974	USGS
1976	1"=500'	Flight Date: July 01, 1976	USGS
1984	1"=500'	Flight Date: June 09, 1984	USDA
1994	1"=500'	Acquisition Date: May 02, 1994	USGS/DOQQ
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2016	1"=500'	Flight Year: 2016	USDA/NAIP

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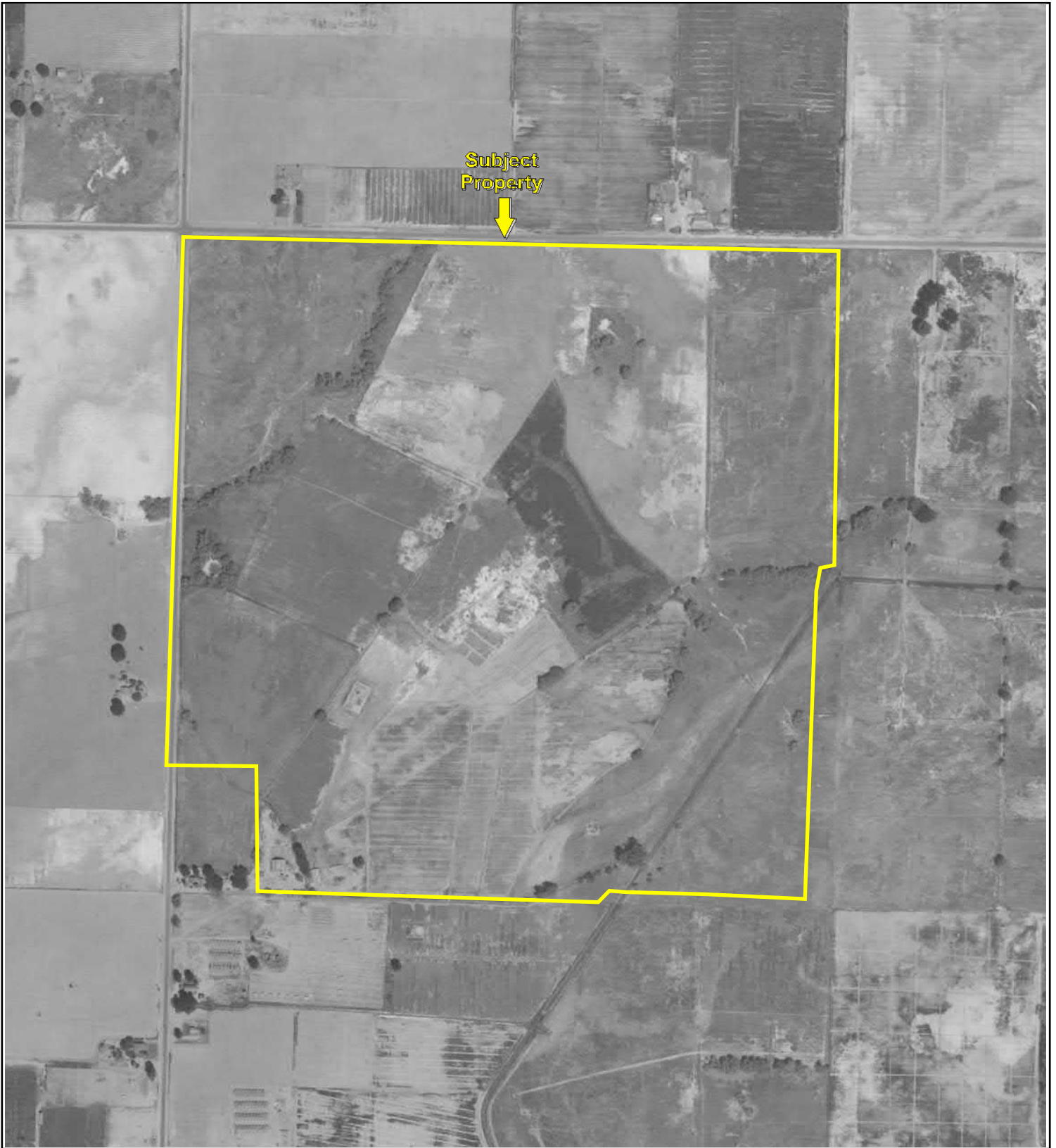
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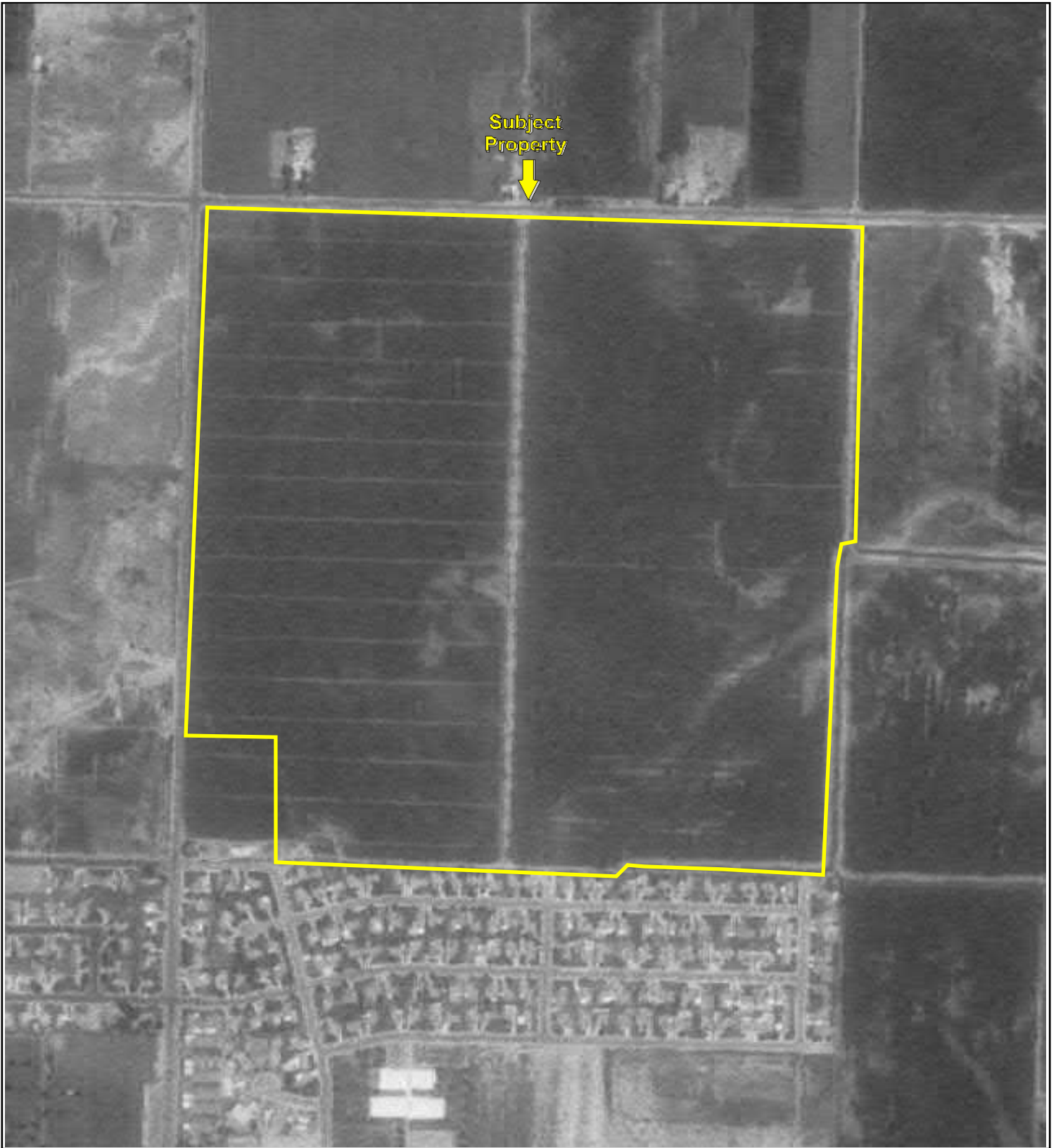
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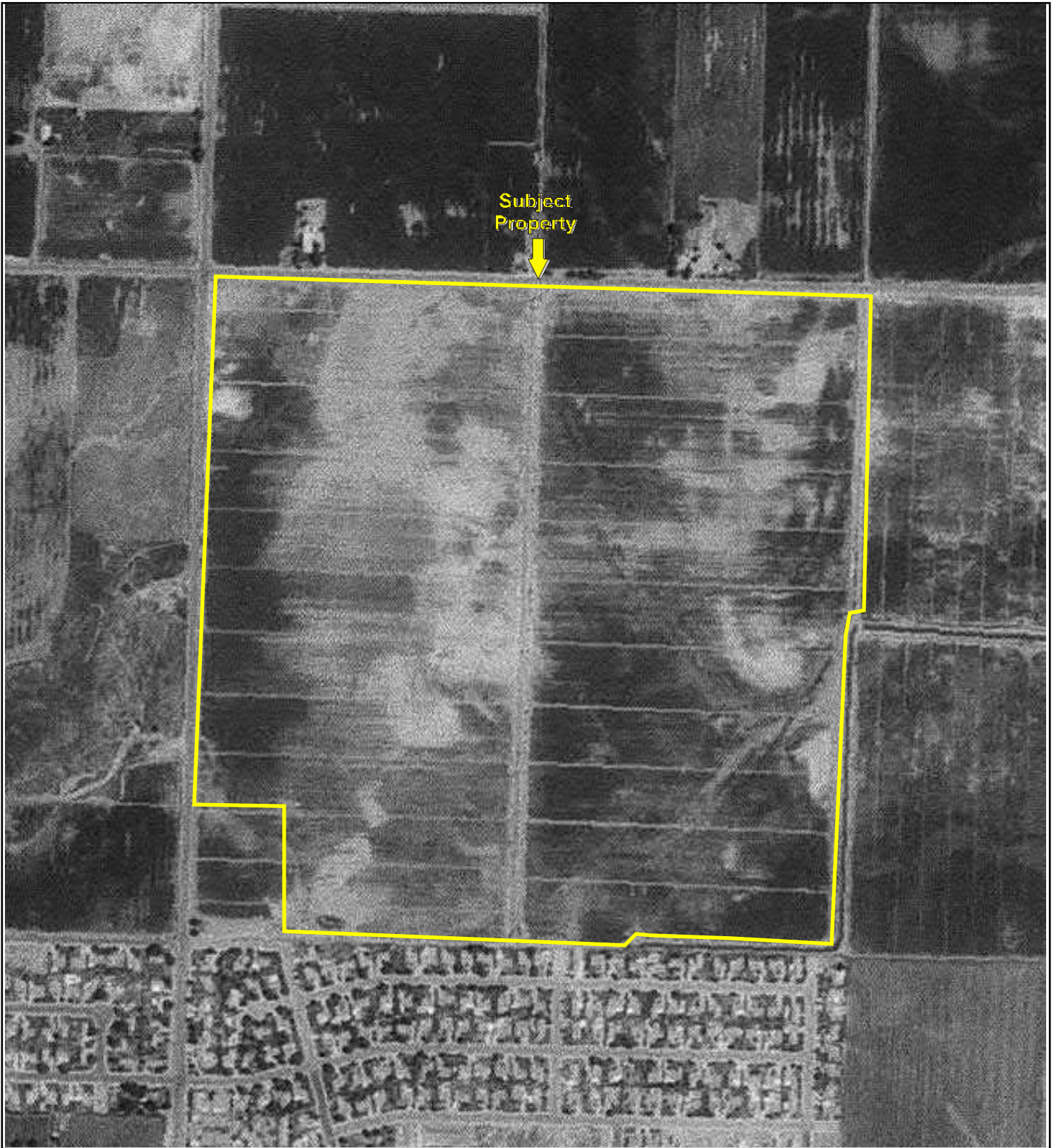
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Key: Subject Property 



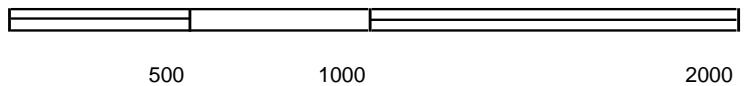
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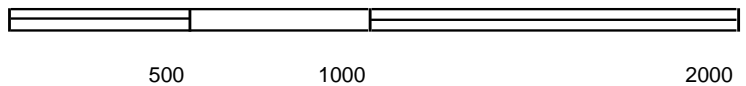
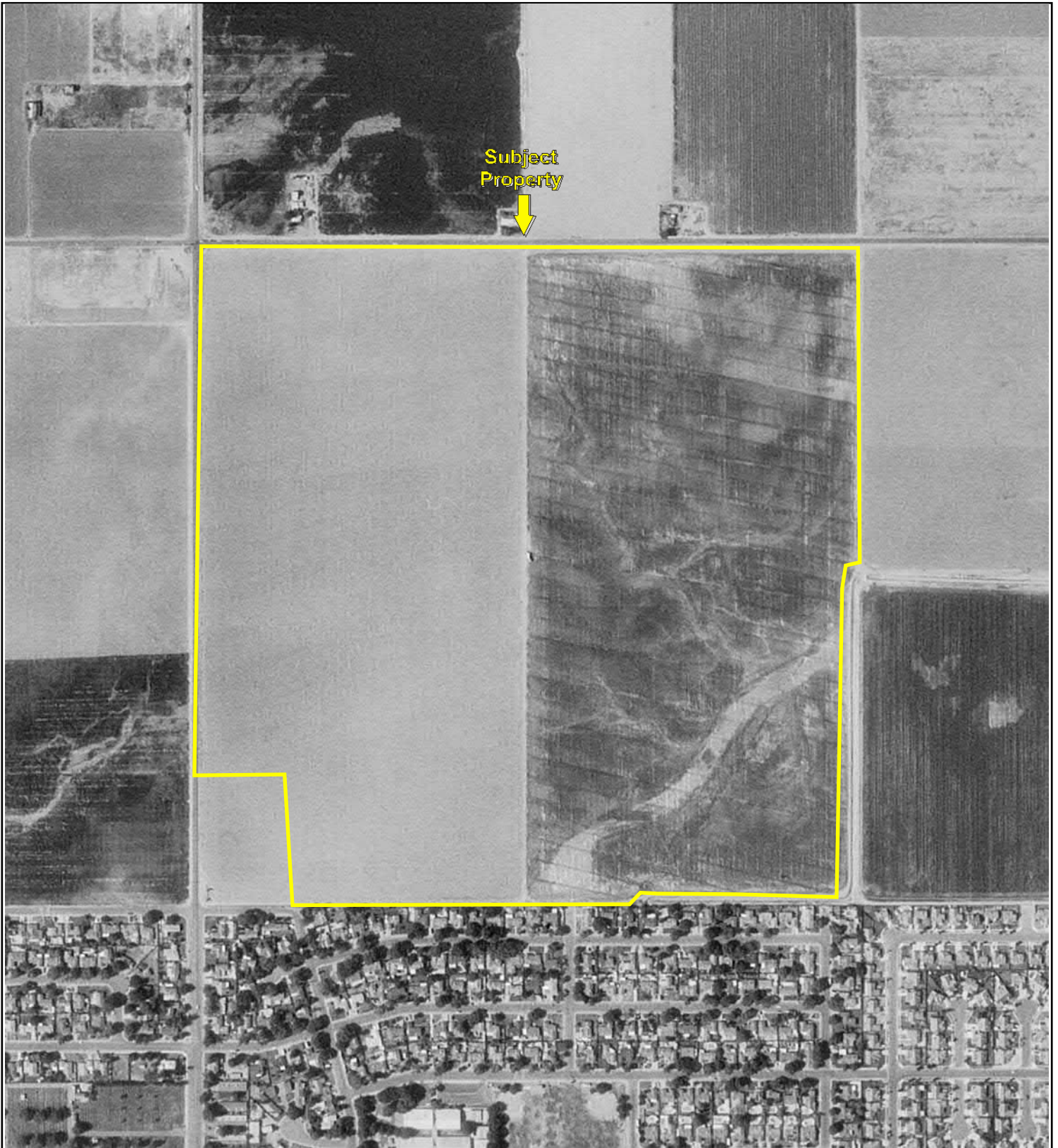
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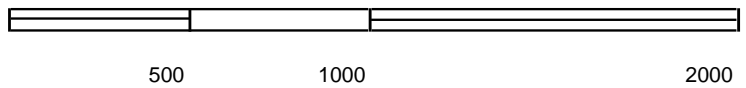
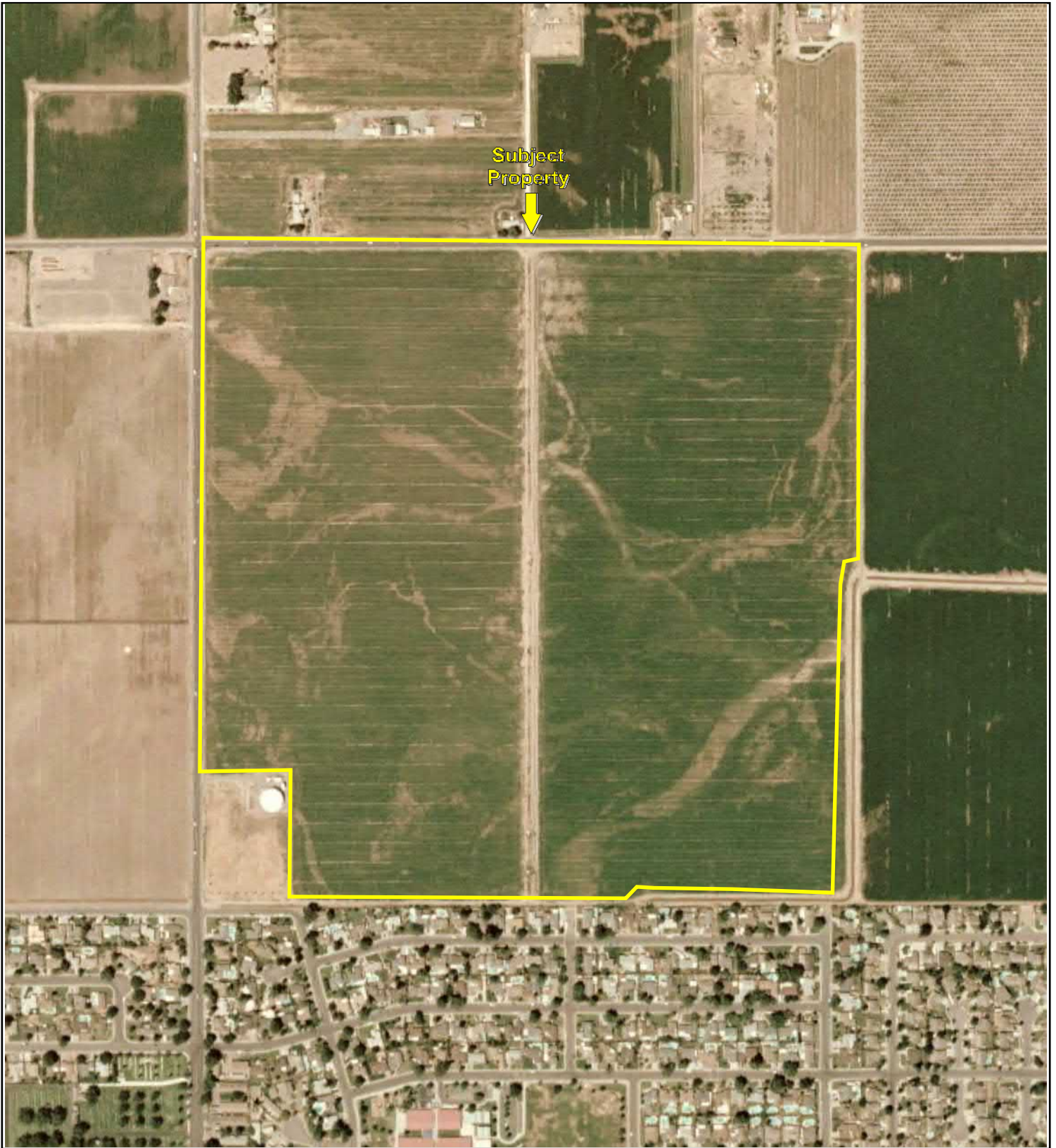
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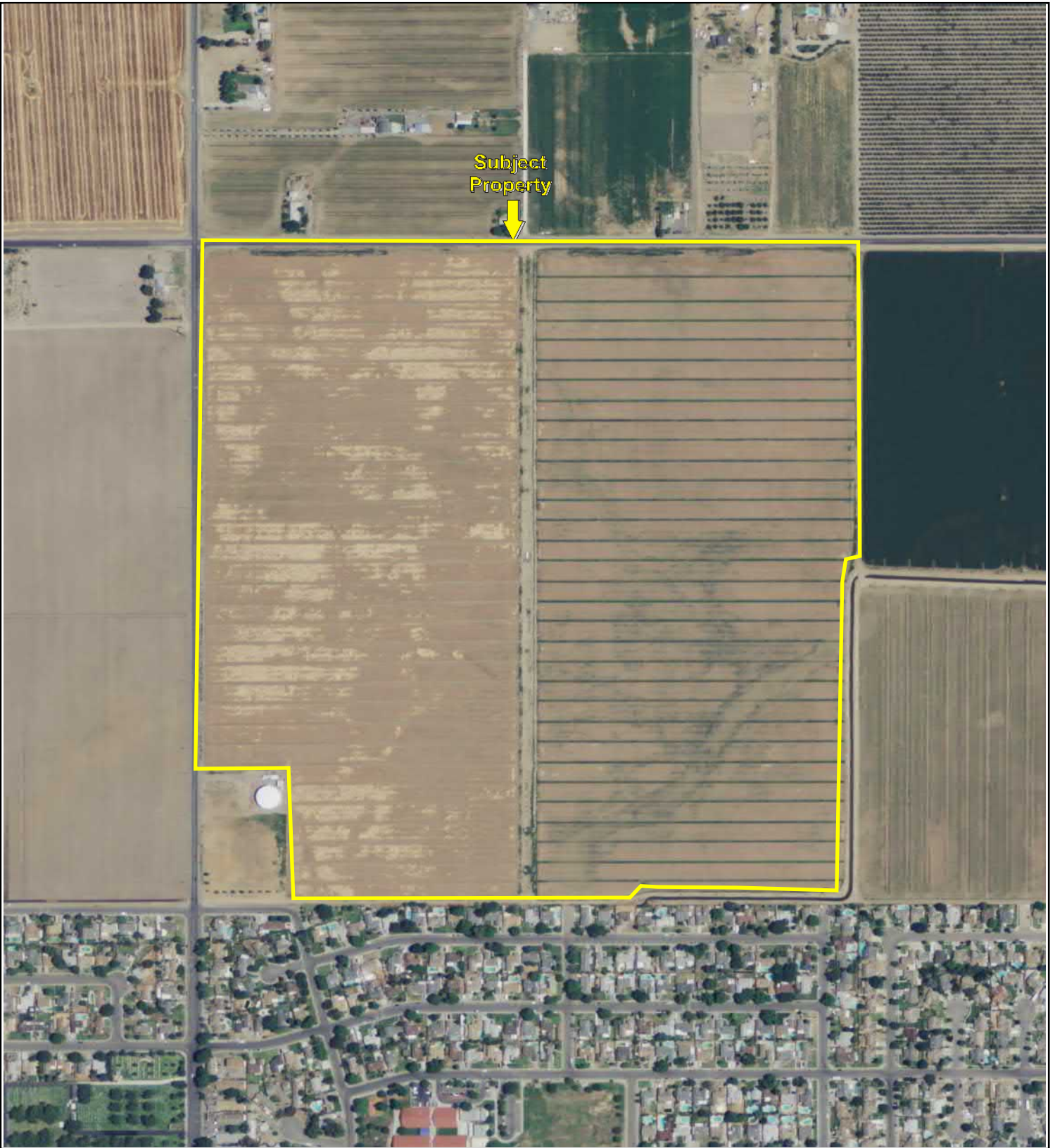
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Subject Property

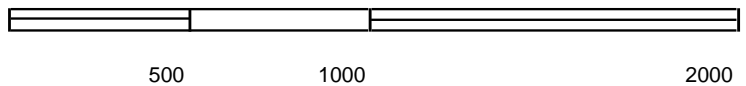
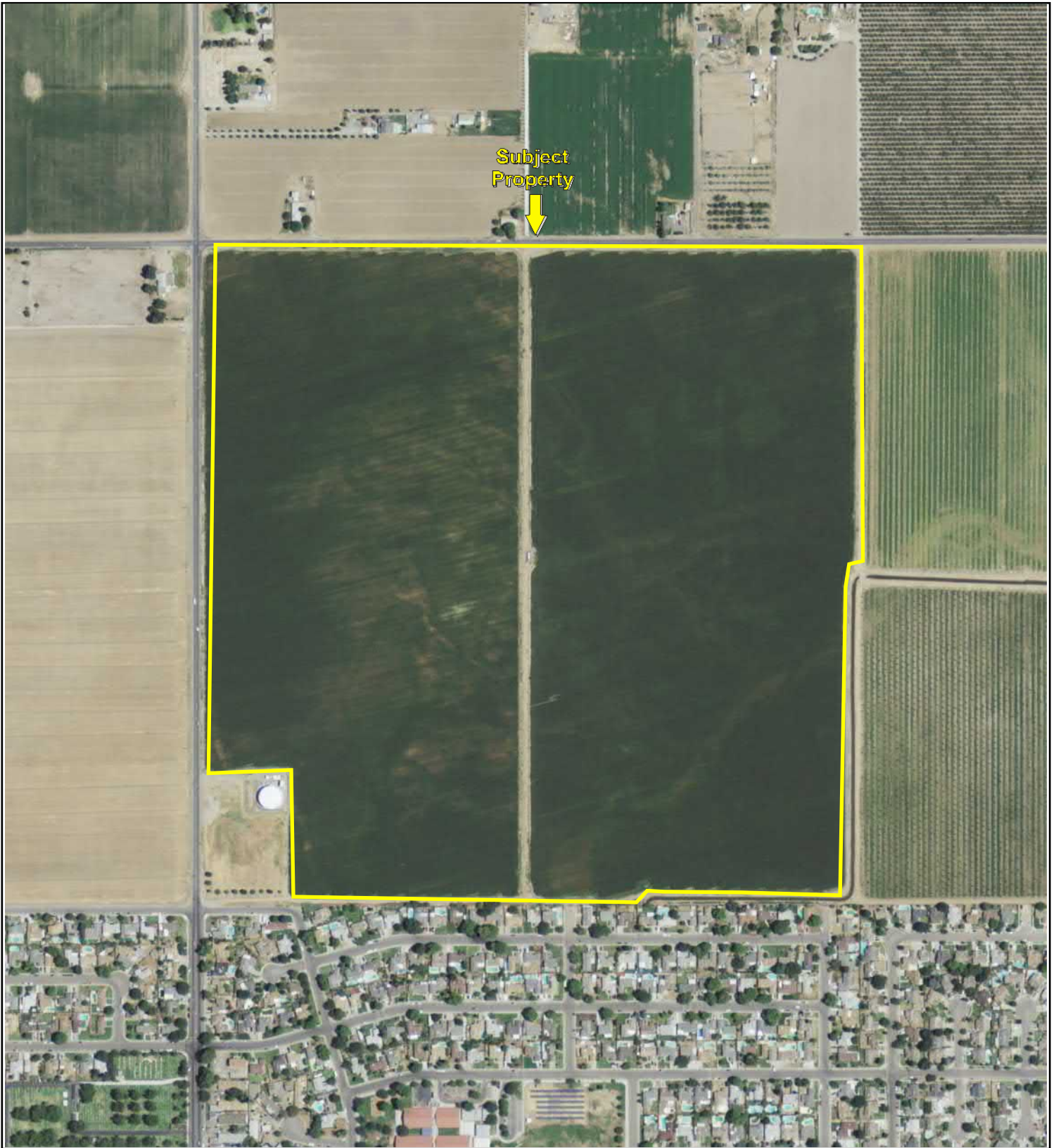


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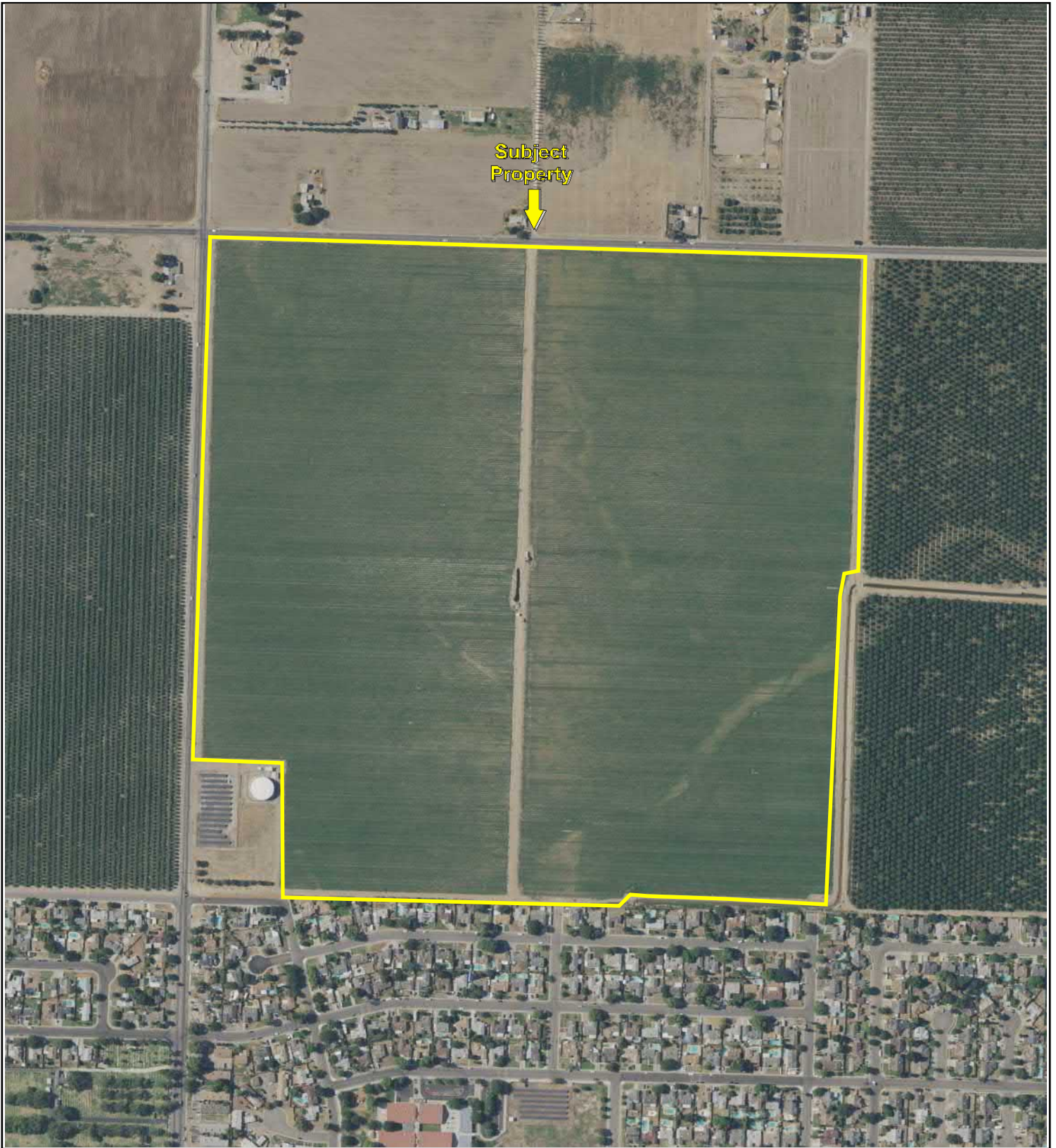


Key: Subject Property 






Key: Subject Property 



Key: Subject Property 



Semas Property  
18th Avenue and West Lacey Boulevard  
LEMOORE, CA 93245

Inquiry Number: 5566933.3

February 20, 2019

## Certified Sanborn® Map Report



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Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

02/20/19

**Site Name:**

Semas Property  
18th Avenue and West Lacey E  
LEMOORE, CA 93245  
EDR Inquiry # 5566933.3

**Client Name:**

Partner Engineering and Science, Inc.  
2154 Torrance Blvd, Suite 200  
Torrance, CA 90501-0000  
Contact: Colleen Tubridy



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**Certification #** 6342-4A69-BEFF  
**PO #** 19-239283.1  
**Project** 19-239283.1

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Certification #: 6342-4A69-BEFF

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February 25, 2019

Kings County Environmental Health Services  
330 Campus Drive  
Hanford, California 93230

Phone: (559) 584-1411

Fax: (559) 584-6040

Subject: Records Review Request

To Whom It May Concern:

Partner Engineering and Science, Inc., is conducting an environmental site assessment of a property located in Lemoore, California. As part of our project research, I would like to request to review any files pertaining to hazardous substance CUPA records, AST, UST, LUST, Site Mitigation, releases or incidents the environmental health department may have for the following property:

- Semas Property at 18<sup>th</sup> Avenue and West Lacey Boulevard, Lemoore, CA and APN 021-030-057-000

Please contact me at (559) 999-4211 or at [samezcua@partneresi.com](mailto:samezcua@partneresi.com) with any pertinent information you have so that I may schedule a file review if necessary. The favor of your reply whether you have records or not is greatly appreciated at the previously mentioned email address.

Thank you in advance for your assistance with this request.

Sincerely,



Sheryl A. Amezcua  
Project Scientist

Central Valley, California

D: 559-553-6635 | F: 559-702-6522 | C: 559-999-4211  
5451 North Gates Avenue, Fresno, California 93722

Amezcuca, Sheryl

---

From: PublicRecordsConfirmation@valleyair.org  
Sent: Monday, February 25, 2019 7:31 AM  
To: Amezcuca, Sheryl  
Subject: Confirmation of Your Public Records Request

The San Joaquin Valley Air Pollution Control District has received your Public Records Request and it is currently being processed.

The Control Number for this request is 'C-2019-2-71'.

When calling or emailing the District about this request please include the Control Number assigned to this request. For more information about the Air District, call a regional office in Fresno (559-230-6000), Modesto (209-557-6400) or Bakersfield (661-392-5500).



Division of Oil, Gas, and Geothermal Resources - Well Search

*\*Note: Information about confidential wells is not available on this website.*

*\*Note: Production and Injection Information is current through 04-27-2018*

- Well Details
- Well Info
- Well Records
- Production Data
- Injection Data
- Production Charts
- Injection Charts
- Well Search

Well Information

<b>API #</b> 03100583	<b>Lease</b> Kreyenhagen			<b>Well #</b> 23-35	<b>County</b> Kings [031]	<b>District</b> 5
<b>Operator</b> Richard S. Rheem, Operator [07288]				<b>Field</b> Any Field [000]	<b>Area</b> Any Area [00]	
<b>Section</b> 35	<b>Township</b> 18S	<b>Range</b> 20E	<b>Base Meridian</b> MD	<b>Well Status</b> Plugged & Abandoned	<b>Pool WellTypes</b> OG	<b>SPUD Date</b> 3/18/1964
<b>GIS Source</b> hud	<b>Datum</b> 83		<b>Latitude</b> 36.323611	<b>Longitude</b> -119.777293	<b>Map</b> 	

Click to get Sum by [County: Kings \[031\]](#) or [Field: Any Field \[000\]](#) or [Operator: Richard S. Rheem, Operator \[07288\]](#)

Get sum by [Field-Operator-Lease: Kreyenhagen](#)

Well Records

STATE OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL AND GAS

2

REPORT OF WELL ABANDONMENT

Coalinga California

May 15 1964

Mr. Robert W Anderson  
1831 Truxtun Avenue  
Bakersfield California  
Agent for RICHARD S. RHEEN, OPERATOR

DEAR SIR:

Your report of abandonment of Well No. "Kreyenhagen" E3-35, Sec. 35, T. 18 S, R. 20 E, M.D. B. & M., Kings County, dated April 1, 1964, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

RECEIVED

Blanket Bond  
FLH:ef  
cc: Company  
Conservation Committee

E. R. MURRAY-AARON  
State Oil and Gas Supervisor

By C. H. Corwin  
Deputy Supervisor



STATUS

Completed Producing \_\_\_\_\_  
 Recompleted Producing \_\_\_\_\_  
 Completed Abandoned \_\_\_\_\_  
 Uncompleted Abandoned \_\_\_\_\_  
 Idle \_\_\_\_\_

RECORDS

Received \_\_\_\_\_ Needed \_\_\_\_\_

Well Summary \_\_\_\_\_  
 History \_\_\_\_\_  
 Log & Core \_\_\_\_\_  
 Lge Sm Elec. Log(s) \_\_\_\_\_ Lge Sm \_\_\_\_\_  
 Direct. Survey \_\_\_\_\_  
 Other \_\_\_\_\_

Location \_\_\_\_\_  
 Elevation \_\_\_\_\_  
 Release Bond \_\_\_\_\_  
 Hold Bond  Reason Abandoned  
 Final letter  \_\_\_\_\_  
 150b \_\_\_\_\_  
 170 \_\_\_\_\_  
 121 \_\_\_\_\_  
 card \_\_\_\_\_

*OK*                      *MBB*  
*5-14-24*                  *5-14-24*  
*Z.H.*                      *L.H.*

*See file OK*  
*L.H.*

DIVISION OF OIL AND GAS

WELL SUMMARY REPORT

SUBMIT IN DUPLICATE

Operator Richard S. Rheem, Operator Well No. "Kreyenhagen" 23-35  
Sec. 35 T. 18S R. 20E MD B. & M. Field Kings County.

Location 1650 feet south and 990 feet east from the northwest corner of Section 35  
(Give location from property or section corner or street center line)  
Elevation of ground above sea level 231 feet (243.4 KB)

All depth measurements taken from top of Kelly bushing which is 12.4 feet above ground.  
(Derrick Floor, Rotary Table or Kelly Bushing)

In compliance with Sec. 3215, of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date April 1, 1964 Signed Robert W. Anderson

W. G. Bruer ~~Geologist~~ W. S. McBurnie ~~Engineer~~ Title Agent  
(President, Secretary or Agent)

COMMENCED DRILLING		GEOLOGICAL MARKERS		DEPTH
Commenced drilling	<u>March 18, 1964</u>			
Completed drilling	<u>March 28, 1964</u>	<u>Top Kreyenhagen Sh</u>		<u>8332 (E.L.)</u>
Total depth	<u>9090'</u>	Plugged depth	<u>2520'-2410'</u>	
Junk	<u>none</u>		<u>560' - 440'</u>	
			<u>10' - 0'</u>	

Geologic age at total depth: Cretaceous

Commenced producing abandoned ~~Producing~~ Name of producing zone none  
(Date) (Cross out unnecessary words)

	Clean Oil bbl. per day	Gravity Clean Oil	Per Cent Water including emulsion	Gas McF. per day	Tubing Pressure	Casing Pressure
Initial production	<u>Never produced</u>					
Production after 30 days	<u>- -</u>					

CASING RECORD (Present Hole)

Size of Casing (A. P. I.)	Depth of Shoe	Top of Casing	Weight of Casing	New or Second Hand	Seamless or Lapweld	Grade of Casing	Size of Hole Drilled	Number of Sacks of Cement	Depth of Cement at through perforation
<u>10 3/4"</u>	<u>510'</u>	<u>0</u>	<u>45#</u>	<u>Used</u>	<u>Lapweld</u>	<u>R-1</u>	<u>15"</u>	<u>242</u>	<u>- -</u>

PERFORATED CASING

(Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

None

DIVISION OF OIL AND GAS  
**RECEIVED**

MAY 14 1964

COALINGA, CALIFORNIA

Electrical Log Depths 9090' to 510'

(Attach Copy of Log)

## DIVISION OF OIL AND GAS

## History of Oil or Gas Well

OPERATOR Richard S. Rheem, Operator FIELD \_\_\_\_\_Well No. "Kreyenhagen" 23-35, Sec. 35, T. 18S, R. 20E, MD B. & M.Date April 1, 1964 Signed R. W. Anderson1831 Truxtun Avenue  
Bakersfield, California FA 7-5753 Title Agent  
(Address) (Telephone Number) (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

Date

March 1964

17

Newton Drilling Company, contractor, moved in and started rigging up.

18

Finished rigging up. Spudded at 3:00 p.m. with 15" bit and drilled to 510'. Ran 25 joints or 513' (including shoe) of 10 3/4" 45# R-1 casing equipped with Halliburton guide shoe.

510' Sand

Survey: 510' 0° 15'

19

Cemented around shoe at 510' with 92 sacks of Class A cement premixed with 10% gel, followed by 150 sacks Class A treated with 2% calcium chloride. Displaced one top wood plug with 277 cubic feet mud. Had cement returns at surface. Cement in place at 1:30 a.m. Landed casing, instilled casinghead and BOP equipment. Tested BOP equipment with 1000# for 15 minutes, OK. Drilled out plug cement and shoe with 9 7/8" bit and drilled ahead.

2235' Sand

Survey: 1983' 0° 45'

20

4691' Sand

Surveys: 2967' 0° 15'  
4535' 0° 45'

21

Reduce 9 7/8" hole to 8 3/4" at 5510'. Working on torque converter, 10 1/2 hours.

5510' Sand

Survey: 5140' 1° 00'

22

Working on torque converter and changing drill collars, 16 hours. Installed formation logging unit. Drilled ahead in 8 3/4" hole.

5925' Shale and sand

## DIVISION OF OIL AND GAS

Page 3.

## History of Oil or Gas Well

OPERATOR Richard S. Rheem, Operator FIELD \_\_\_\_\_  
 Well No. "Kreyenhagen" 23-35, Sec. 35, T. 18S, R. 20E, MD B. & M.  
 Date April 1, 19 64 Signed Robert W. Anderson  
1831 Truxtun Avenue  
Bakersfield, California FA 7-5753 Title Agent  
 (Address) (Telephone Number) (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

March 1964  
Date

- 23 7237' Sha~~r~~ and sand  
 Surveys: 5925' 00 30'  
 6702' 00 00'
- 24 8000' Shale and sand  
 Surveys: 7575' 00 15'
- 25 8519' Shale and sand  
 Surveys: 8120' 00 30'  
 8519' 00 45'
- 26 Drilled to 9090' Total Depth at 1:30 p.m. Conditioned hole for electric log. Schlumberger tools would not go to bottom. Ran back in with 8 3/4" bit.  
 9090' TD. Shale and sand  
 Survey: 9090' 00 15'
- 27 Conditioned hole for electric log. Ran Schlumberger IES, sidewall sampler, and dipmeter.  
 Hung drill pipe at 2520' and displaced 100 sacks Class G cement treated with 2% calcium chloride with 120 cubic feet of mud; in place at 11:20 p.m.
- 28 9090' TD  
 Located top of plug at 2410' at 3:30 a.m. Location and hardness approved by Division of Oil and Gas. Hung drill pipe at 560' and displaced 75 sacks Class G cement treated with 2% calcium chloride with 20 cubic feet of mud, in place at 5:10 a.m. Located top of plug at 440' at 8:30 a.m. Location and hardness witnessed and approved by Operator.  
 Plugged top 10' of surface casing with cement. Welded steel plate on surface casing. Hole abandoned in this condition.

SCHLUMBERGER SIDEWALL SAMPLES

- 8301' 2" Sand, light to medium grey, fine, fair sorting, scattered dark grey and black grains, fair to good permeability, no odor, stain or fluorescence.
- 8279' 2" Sand, light grey, fine to medium. Slightly Kaolinitic, probably good permeability. No odor, stain or fluorescence.
- 8235' 2" Sand, oil spotted. Light grey with light brown spotty oil stains. Fine to coarse. Fairly clean. Good permeability. Weak to fair petroleum odor. Oil stained spots fluoresce dull canary yellow. Quick amber cut.
- 8231' No recovery. Pulled off.
- 8221' 2" Silty sand. Light medium grey. Very fine with common biotite. Low permeability. No odor, stain, cut or fluorescence.
- 7668' 2" Sand. Light greenish grey. Coarse. Fairly clean. Excellent permeability. No odor, stain, cut or fluorescence.
- 7630 $\frac{1}{2}$ ' 2" Sand. Medium light greenish grey. Fine, somewhat silty. Grades to sandy green clay stone at one end. Probably low permeability to tight. No odor or stain. No visible fluorescence. Light straw visible cut fluoresces very pale murky yellow.
- 7619 $\frac{1}{2}$ ' 2" Silty sand. Grey green. Very fine. Silty. Some interstitial green clay. Very low permeability to tight.
- 7610' 2" Silty sand as at 7619 $\frac{1}{2}$ ', but somewhat cleaner.
- 7608' 2" Silty sand as at 7610'.
- 7562' 2" Sand. Light greenish grey. Medium to very coarse with occasional grits. Slightly Kaolinitic. Occasional spots of brown, dry, oil staining. Probably excellent permeability. No petroleum odor. Clear cut has faint murky fluorescence.
- 7534' 2" Sand. Light grey with greenish cast. Very fine. Silty. Low permeability. No odor, stain or fluorescence.
- 7517' 2" Sand. Light grey with greenish cast. Fine to medium. Fairly clean. Good permeability. No odor, stain or fluorescence.
- 7487 $\frac{1}{2}$ ' 1 3/4" Silty sand. Light greenish grey. Silty with some interstitial clay. Firm. Tight. No odor, stain or fluorescence.
- 7180 $\frac{1}{2}$ ' 2" Sand. Light grey with greenish cast. Coarse to very coarse. Scattered grits. Excellent permeability. No odor, stain or fluorescence.

CALIFORNIA RESOURCES AGENCY  
DEPARTMENT OF CONSERVATION

**DIVISION OF OIL AND GAS**

**Special Report on Operations Witnessed**

No. T 564-85

Mr. Robert W Anderson  
1831 Truxtun Ave  
Bakersfield California  
Agent for RICHARD S. RHEEM, OPERATOR

Coalinga Calif.  
March 31 1964

DEAR SIR:

Operations at well No. "Kreyenhagen" 23-35, Sec. 35, T. 18S, R. 20E, M D B & M.  
Field, in Kings County, were witnessed  
on March 28, 1964 Mr. F. L. Hill, representative of the supervisor was present  
from 3:00 a.m. to 5:00 a.m. There were also present M. Fillmore, Drilling Foreman  
(Newton Drilling Co.)

Present condition of well: 10-3/4" cen. 510', T.D. 9090'. Plugged with cement 2520'-  
2410' and 560'-388'±.

The operations were performed for the purpose of plugging the hole in the process of abandonment.

Mr. Fillmore reported:

1. A 9-7/8" hole was drilled to 5510', and an 8-3/4" to 9090'.
2. No oil or gas shows were encountered.
3. On March 28, 1964, 100 sacks of cement was pumped into the hole through 4" drill pipe hanging at 2520', filling to 2410'.

**THE INSPECTOR NOTED:**

1. The cement plug at 2410' supported 2 tons of the weight of the drill pipe.
2. On March 28, 1964, 75 sacks of cement was pumped into the hole through 4" drill pipe hanging at 560', calculated to fill to 388'±.

**THE CEMENTING OPERATIONS ARE APPROVED.**

FLH:fd  
cc: Company

E. R. MURRAY-AARON  
State Oil and Gas Supervisor

By C. J. Corum Deputy

STATE OF CALIFORNIA  
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS No. P 564-139

Mr. Robert W Anderson  
1831 Truxtun Ave  
Bakersfield California  
Agent for RICHARD S. RHKEM, OPERATOR

Coalinga Calif.  
March 31 1964

DEAR SIR:

Your proposal to abandon Well No. "Kreyenhagen" 23-35  
Section 35, T. 18S, R. 20E, M D B. & M., Kings County,  
dated Mar 27 1964, received Mar 30 1964, has been examined in conjunction with records filed in this office.  
Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: 9090'
2. Complete casing record, including plugs:
  - (a) 10-3/4" csg. cem. at 510' in 15" hole w/92 sx w/10% gel followed by 150 sx treated w/2% CaCl<sub>2</sub>
  - (b) 9-7/8" hole drilled to 5510' and 8-3/4" hole drilled to 9090'
  - (c) No oil or gas showings were found
3. Last Produced Never Produced
4. Oil or Gas showings and results of tests: None
5. Stratigraphic markers and depths:  
Top Kreyenhagen 8332'
6. Formation at bottom: Cretaceous
7. Base of fresh water sands: 2470' "

PROPOSAL:

"THE PROPOSED WORK IS

1. Hang drill pipe at 2520' and pump in and equalize 100 sax class G cement treated with 2% CaCl<sub>2</sub>.  
Your Division to witness and approve location and hardness of top of plug at or above 2420'
2. Hang drill pipe at 560' and pump in and equalize 75 sax of Class G cement. Operator to locate top of plug at or above 460'.
3. Plug top 10' of surface casing with cement and weld on steel plate.
4. Abandon hole in this condition."

DECISION:

THE PROPOSAL IS APPROVED.

*Surface Plug 4-2-64  
steel plate welded on casing  
at base of casing. No oil  
or gas observed.  
E.R.*

Blanket Bond  
CNC:fd  
cc: Company

E. R. MURRAY-AARON, State Oil and Gas Supervisor

By C. H. Corwin, Deputy

STATE OF CALIFORNIA  
DEPARTMENT OF CONSERVATION

**DIVISION OF OIL AND GAS**

**Notice of Intention to Abandon Well**

This notice must be given at least five days before work is to begin; one copy only

Bakersfield Calif. March 27, 19 64

DIVISION OF OIL AND GAS

In compliance with Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. "Kreyenhagen" #23-35, Sec. 35, T. 18 S, R. 20 E., M.D.B. & M., \_\_\_\_\_ Field, Kings County, commencing work on March 27, 19 64

THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: 9090'
2. Complete casing record, including plugs:
  - (a) 10-3/4" csg. cem. at 510' in 15" hole w/92 sx w/10% get followed by 150 sx treated w/2% CaCl<sub>2</sub>
  - (b) 9-7/8" hole drilled to 5510' and 8-3/4" hole drilled to 9090'
  - (c) No oil or gas showings were found
3. Last Produced Never Produced  
(Date) (Oil, B/D) (Water, B/D)

ADDITIONAL DATA FOR DRY HOLE

4. Oil or Gas showings and results of tests:
 

None
5. Stratigraphic markers and depths:
 

Top Kreyenhagen 8332'
6. Formation at bottom: Cretaceous
7. Base of fresh water sands: 2470'

THE PROPOSED WORK IS

1. Hang drill pipe at 2520' and pump in and equalize 100 sax class G cement treated with 2% CaCl<sub>2</sub>.  
Your Division to witness and approve location and hardness of top of plug at or above 2420'
2. Hand drill pipe at 560' and pump in and equalize 75 sax of Class G cement.  
Operator to locate top of plug at or above 460'.
3. Plug top 10' of surface casing with cement and weld on steel plate.
4. Abandon hole in this condition.

Reference to file of data

Map	card	131
	✓	✓

1831 Truxtun Avenue, Bakersfield  
(Address)

FA 7-5753  
(Telephone No.)

RICHARD S. RHEEM, OPERATOR

By Robert W. Anderson  
(Name of Operator)  
Robert W. Anderson



MEMORANDUM OF TELEPHONE OR PERSONAL CONVERSATION  
(Proposed Well Operations)

Operator Richard S. Breen, Operator Well No. "Kreyenhagen" 23-35-

Field — Kings Co. Sec. 35 T. 18S R. 20E M.D. B&M

A telephone conversation was held, concerning above well, with Mr. Bill M<sup>o</sup> Burnette  
Engineer for above operator March 27 1964, at 11:00 P.M.

Details of the conversation were as follows:

Total depth 9090 Plugs —

Casing record 10<sup>3/4</sup>" cem. 510

Oil or gas showings No shows or tests

Results of tests —

Stratigraphic markers Top Kreyenhagen 8332

Geologic age at bottom Cret ? Base of fresh water 2470

Operator proposes the following work:

1. Hang drill pipe @ 2520 & pump in 100 sx locate top @ 2420 or about D.O.G. to witness loc of Hard.
2. Plug shoe from 560-460 D.O.G. to witness placing of plug
3. 10 cem. surf. plug D.O.G. to check

Additional requirements outlined:

Test of W.S.O. to be witnessed by D.O.G. at — By operator at —

Plugs to be located by D.O.G. at 2420 By operator at 460

Notice to be filed immediately (X) Yes ( ) Not necessary

Other data —

(Signed) John Sullivan  
Title Assoc.

CALIFORNIA RESOURCES AGENCY  
DEPARTMENT OF CONSERVATION

**DIVISION OF OIL AND GAS**

**Special Report on Operations Witnessed**

No. T 564-75

Mr. Robert W Anderson  
1831 Trustum Ave  
Bakersfield California  
Agent for RICHARD S. RHEEM, OPERATOR

Coalinga Calif.  
March 26 1964

DEAR SIR:

Operations at well No. "Kreyenhagen" 23-35, Sec. 35, T. 18S, R. 20E, MD B & M.  
Field, in Kings County, were witnessed  
on March 25, 1964. Mr. John Sullivan, representative of the supervisor was present  
from 5:00 p.m. to 5:30 p.m. There were also present A. Howard, Drilling Foreman  
(Newton Drilling Co.)

Present condition of well: 10-3/4" cem. 510', T.D. 8475' (Drilling)

The operations were performed for the purpose of inspecting blow-out prevention equipment and installation.

Mr. reported:

THE BLOW-OUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

JCS:fd  
cc: Company

E. R. MURRAY-AARON  
State Oil and Gas Supervisor

By C. H. Coswin Deputy

B.O.P.E.

No. T 23-35Company Richard S. Rheem, Operator Date \_\_\_\_\_

Operations at well No. "Kroyenhagen" 23-35 Sec. 35 T. 18S R. 20E M. D BSM.  
 Field King's County, were witnessed  
 on March 25, 1964 Mr. John S. Husen, representative of the supervisor was  
 present from 5:00 PM to 5:30 PM. There were also present D. Howard,  
 Drilling Foreman (Newton Drilling Co.)  
 Present condition of well: 10 3/4" cement 510, T.D. 8475 (Drilling)

The operations were performed for the purpose of inspecting blow-out prevention equipment and installation.

Mr. Howard reported:

1. On 10/64, 10 3/4", 32.75 lb. casing was cemented in a 15" hole at 510 with          sacks/feet of cement. premixed with 10% gel
2. Cement returned, did not return to the surface. followed by 150 sacks of cement.
3. An additional          sacks - cu. ft. of cement was placed around the          casing from the surface.
3. An 8 3/4" hole was being drilled ahead at 8475.

THE INSPECTOR NOTED that the well was equipped with the following blow-out prevention equipment:

1. A Shafter manually and hydraulically operated double control gate for closing in the well with the drill pipe/tubing out of the hole, and for closing around the 4" drill pipe/tubing.
2. A Hydrill blow-out preventer for closing in the well with the drill pipe/tubing out of the hole, and for closing around the 4" drill pipe/tubing.
3. A          manually and hydraulically operated control gate for closing in the well with the drill pipe/tubing out of the hole.
4. A          manually and hydraulically operated control gate for closing around the          drill pipe/tubing.
5. A          blow-out preventer for closing around the          drill pipe/tubing.
3. The controls for the above equipment were located outside the derrick and on the derrick floor.
4. A 2" mud fill-up line with a 2" high pressure stopcock into the 10 3/4" casing below the above equipment.
5. A high pressure Stopcock on the kelly/goose-neck/stand pipe.

Remarks \_\_\_\_\_

THE BLOW-OUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

9 7/8 x 8 3/4" shoulder @ 5510

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS No. P 564-117

Mr. Robert W Anderson  
1831 Truxtun Avenue  
Bakersfield California  
Agent for RICHARD S. RHEEM, OPERATOR

Coalinga Calif.  
March 16 1964

DEAR SIR:

Your proposal to drill Well No. "Kroyenhagen" 23-35  
Section 35, T. 18S., R. 20E., M.D.B. & M., Field, Kings County,  
dated March 13, 1964, received March 16 1964, has been examined in conjunction with records filed in this office.  
Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"Legal description of mineral-right lease, consisting of 160 acres, is as follows:  
Northwest one quarter (NW<sup>1</sup>) of Section 35, Township 13 South, Range 20 East,  
M. D. B. & M.

Do mineral and surface leases coincide? Yes

Location of Well: 1650 feet South along section line and 990 feet East at right angles to said line from the Northwest corner of section 35, Township 13 South, Range 20 East, M.D.B.&M.

Elevation of ground above sea level 231 feet U.S.G.S. datum.

All depth measurements taken from top of Kelly Bushing which is 12 feet above ground."

PROPOSAL:

"PROPOSED CASING PROGRAM					
Size of Casing Inches A.P.I.	Weight	Grade and Type	Top	Bottom	Cementing Depth
10-3/4"	32.75#	H	0'	500'	500'
5-1/2"	15-1/2 & 17#	J & N	0'	9000'	9000'

Intended zone of completion: Zilch and lower zones at various depths  
Estimated total depth 9000'

It is understood that if changes in this plan become necessary we are to notify you immediately."

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. The 10-3/4" surface casing shall be cemented with sufficient cement to fill back of this casing from the shoe to the ground surface.
2. Mud fluid of sufficient weight and proper consistency to prevent blow-outs shall be used in drilling, and the column of mud fluid shall be maintained to the surface at all times, particularly while pulling the drill pipe.
3. Adequate blow-out prevention equipment shall be provided and kept ready for operation at all times.
4. For the protection of fresh waters, one of the following operations shall be performed:
  - (a) Sufficient cement shall be used at the shoe of the 5 1/2" casing to fill back of this casing to above the base of the fresh water sands, or
  - (b) The 5 1/2" casing shall be cemented through perforations at the base of the fresh water sands.
5. This Division shall be consulted regarding the cementing of the 5 1/2" casing before running it into the hole.
6. This Division shall be notified:
  - (a) To inspect blow-out prevention equipment prior to drilling below a depth of 1500'.

E. R. MURRAY-AARON, State Oil and Gas Supervisor

By Continued on page 2, Deputy

STATE OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL AND GAS

Report on Proposed Operations

No. P. 564-117

Page. 2 of 2

RICHARD S. RHEIM, OPERATOR Company

Well No. "Kreyenhagen" 23-35, Section 35, T. 18 S., R. 20 E., M. D. B. & M.

(b) To witness a test of each possible water shut-off.

Note: Information on file in this office indicates that the base of the usable fresh water deposits should be encountered at a depth of approximately 2500'.

Blanket Bond  
JCS:ef  
cc: Company

E. R. MURRAY-AARON, State Oil and Gas Supervisor

By C. H. Corwin, Deputy

115  
VCS

7564-117  
2500  
5  
E

031-00583

**DIVISION OF OIL AND GAS**  
**Notice of Intention to Drill New Well**  
This notice and surety bond must be filed before drilling begins

Bakersfield Calif. March 13, 19 64

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence drilling well No. "Kreyenhagen" 23-35, Sec. 35, T. 18 S., R. 20 E., M. D. B. & M., --- Field, Kings County.

Legal description of mineral-right lease, consisting of 160 acres, is as follows: Northwest one quarter (NW 1/4) of Section 35, Township 18 South, Range 20 East, M. D. B. & M. (Attach map or plat to scale)

Do mineral and surface leases coincide? Yes  No  If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 1650 feet South ~~property~~ along section line and 990 feet East ~~property~~ at right angles to said line from the Northwest ~~property~~ corner of section 35, Township 18 South, Range 20 East, M.D.B.&M.

Elevation of ground above sea level 231 feet U.S.G.S. datum.

All depth measurements taken from top of Kelly Bushing which is 12 feet above ground. (Derrick Floor, Rotary Table or Kelly Bushing)

**PROPOSED CASING PROGRAM**

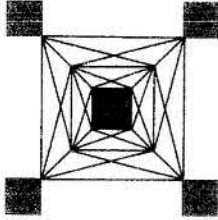
SIZE OF CASING INCHES A.P.I.	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS	
10-3/4"	32.75#	H	0'	500'	500'	
5-1/2"	15-1/2 & 17#	J & N	0'	9000'	9000'	

Intended zone(s) of completion: Zilch and lower zones at various depths Estimated total depth 9000'  
(Name) (Depth, top and bottom)

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 1831 Truxtun Avenue  
Bakersfield, California  
Telephone Number Fairview 7-5753

RICHARD S. RHEEM, OPERATOR  
(Name of Operator)  
By R.W. Anderson  
Type of Organization Individual  
(Corporation, Partnership, Individual, etc.)



**RICHARD S. RHEEM** OPERATOR

OIL AND GAS EXPLORATION, DEVELOPMENT AND PRODUCTION

1831 Truxtun Avenue  
Bakersfield, California

March 13, 1964

Division of Oil and Gas  
466 North 5th Street  
Coalinga, California

Gentlemen:

Attached is a "Notice of Intention to Drill New Well" pertaining to Richard S. Rheem, Operator's well "Kreyenhagen" 23-35 to be located in Section 35, Township 18 South, Range 20 East, M.D.B.&M., Kings County, California.

It is intended that the drilling of this well will be covered by our blanket bond on file with your Division.


Very truly yours,

Robert W. Anderson


mjt  
Attach.

**Property Overview** , LEMOORE, CA 9


**Owner and Geographic Information**

	<b>Primary Owner:</b>	SEMAS STEPHEN L FAM GST EXE TRS		<b>Secondary Owner:</b>	
	<b>Mail Address:</b>	111 RENNELL ST , MORRO BAY, CA 93442-3031			
	<b>Site Address:</b>	, LEMOORE, CA 93245			
	<b>APN:</b>	021-030-057-000	<b>Lot Number:</b>		<b>Page / Grid:</b>
	<b>Housing Tract Number:</b>		<b>Legal Description:</b>	<b>Legal Brief Description:</b> PTN OF NW 1/4 35/18/20	


**Property Details**

	<b>Bedrooms:</b>	0	<b>Year Built:</b>		<b>Square Feet:</b>	
	<b>Bathrooms:</b>	0	<b>Garage:</b>		<b>Lot Size:</b>	155.85 AC
	<b>Total Rooms:</b>		<b>Fireplace:</b>		<b>Number of Units:</b>	0
	<b>Zoning:</b>	AL10	<b>Pool:</b>		<b>Use Code:</b>	Rural/Agricultural Residence

**Sale Information**

	<b>Transfer Date:</b>	05/24/2012	<b>Seller:</b>	PEDERSEN, MARDELL B; SEMAS, STEPHEN L	
	<b>Transfer Value:</b>	\$0.00	<b>Document#:</b>	1209567	
	<b>Cost/Sq Feet:</b>				

**Assessment and Taxes**

	<b>Assessed Value:</b>	\$366,740.00	<b>Percent Improvement:</b>	12.85%	<b>Homeowner Exemption:</b>	
	<b>Land Value:</b>	\$319,630.00	<b>Tax Amount:</b>	\$5,593.64	<b>Tax Rate Area:</b>	74-001
	<b>Improvement Value:</b>	\$47,110.00	<b>Tax Status:</b>		<b>Tax Account ID:</b>	
	<b>Market Improvement Value:</b>		<b>Market Land Value:</b>		<b>Market Value:</b>	



## ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

Please complete to the best of your knowledge. For those questions that are not applicable, please respond with an "N/A". For those questions that are unknown, please respond with "unknown".

### 1. PROPERTY INFORMATION:

Property Name: <u>N/A</u>		
Property Address: <u><del>N/A</del> 184 Lacey Lane</u>		
City: <u>Lemoore</u>	State: <u>Calif.</u>	Zip: <u>93442</u>
Assessor's Parcel Number: <u>021-030-057</u>		
Property Owner & Contact Information: <u>Stephen L. Semas 805-459-2545</u>		
Date Property Owner Purchased: <u>inherited 2011</u>		
Key Site Manager & Contact Information: <u>Brandon Silveira 1-559-816-2264</u>		

### 2. COMPLETED BY

Signature: <u>Stephen L. Semas</u>	Date: <u>2/25/19</u>
Printed Name: <u>Stephen L. Semas</u>	Relation to Subject Property: <u>Owner</u>

### 3. PREVIOUS INVESTIGATIONS

Have any previous environmental investigations been performed at the property, including Phase I ESAs, Phase II Subsurface Investigations, Remediation, Asbestos or Lead-Based Paint surveys? NO

(If yes, please provide copies)

### 4. PROPERTY DESCRIPTION

Property Size: 155.86 Number of Building(s): 0

Size of Building(s): 0

Date of Construction: 0

Property Type: (please circle)

Multi-Family   Hotel   Mobile Home Park   Retail/Commercial   Industrial   Office

Other: Farming

Please provide Rent Roll if Applicable.

Historical Use of Property: Farming

### 5. SURROUNDING PROPERTY USES

DIRECTION	USE
North	N/A
South	
East	
West	

Are you aware of any potential environmental concerns associated with surrounding properties?  
 \_\_\_\_\_ YES \_\_\_\_\_ NO

If yes, please describe: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**6. UTILITIES & SERVICES**

Please provide the name of the utility or contractor providing the following:

Electric	<u>P.G.E.</u>	Bio-hazardous Waste	<u>N/A</u>
Gas	<u>N/A</u>	Elevator Maintenance	<u>N/A</u>
Potable Water	<u>N/A</u>	Used Grease	<u>N/A</u>
Sanitary Sewer	<u>N/A</u>	Hazardous Waste	<u>N/A</u>

**7. ON SITE OPERATIONS**

Are you aware of any of the following conditions, either past or present, on the property?		
Condition	Response	If yes, please describe
1. Stored Chemicals	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
2. Underground Storage Tanks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Aboveground Storage Tanks	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>DIESEL</u>
4. Spills or Releases	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Dump Areas/Landfills	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
6. Waste Treatment Systems	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
7. Clarifiers/Separators	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
8. Vents/Odors	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
9. Floor Drains/Sumps	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
10. Stained Soil	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
11. Electrical Transformers	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
12. Hydraulic Lifts/Elevators	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
13. Dry Cleaning Operations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
14. Oil/Gas/Water/Monitoring Wells	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
15. Environmental Permits	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

## PHASE I ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

The following questionnaire is required by the ASTM Standard E 1527-13, which adheres to the All Appropriate Inquiries (AAI) Rule (United States Environmental Protection Agency) (40 CFR 312).

As defined by ASTM, the User of the report 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."

PROPERTY ADDRESS:	18th & Lacey
PROPERTY CITY, STATE ZIP:	Lemoore Ca 93245

### 1. Environmental liens that are filed or recorded against the property (40 CFR 312.25)

Did a search of recorded land title records (or judicial records) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?

YES  NO

### 2. Activity and use limitations (AULs) that are in place on the property or that have been filed or records against the property (40 CFR 312.26(a)(1)(v) and (vi))

Did a search of recorded land title records (or judicial records) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?

YES  NO

### 3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28)

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?

YES  NO

**4. Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29)**

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 at the property?

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?

YES  NO

---

a. Do you know the past uses of the property?

YES  NO

---

b. Do you know of specific chemicals that are present or once were present at the property?

YES  NO

---

c. Do you know of spills or other chemical releases that have taken place at the property?

YES  NO

---

d. Do you know of any environmental cleanups that have taken place at the property?

YES  NO

---

e. Do you have any prior knowledge that the property was developed as a gas station, dry cleaner, manufacturing/industrial facility in the past?

YES  NO

---

f. Are you aware of historical use of hazardous materials or petroleum products used or present on the property?

YES  NO

---

g. Do you know if the property is currently or was formerly equipped with underground storage tanks (USTs) or septic tanks?

YES  NO

h. Do you know of any past, threatened or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of 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)**

Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?

YES  NO

Signature of User/Person Interviewed: Stephen L. Samas

Name of User/Person Interviewed: STEPHEN L. SAMAS

Title/Relationship to Property: OWNER

Phone Number/Email: 805-459-2545 OCEANVIEWFURNITURE@SBCGLOBAL.NET

Date: 7.25.19

Contact for additional information:

Name: Steve Samas

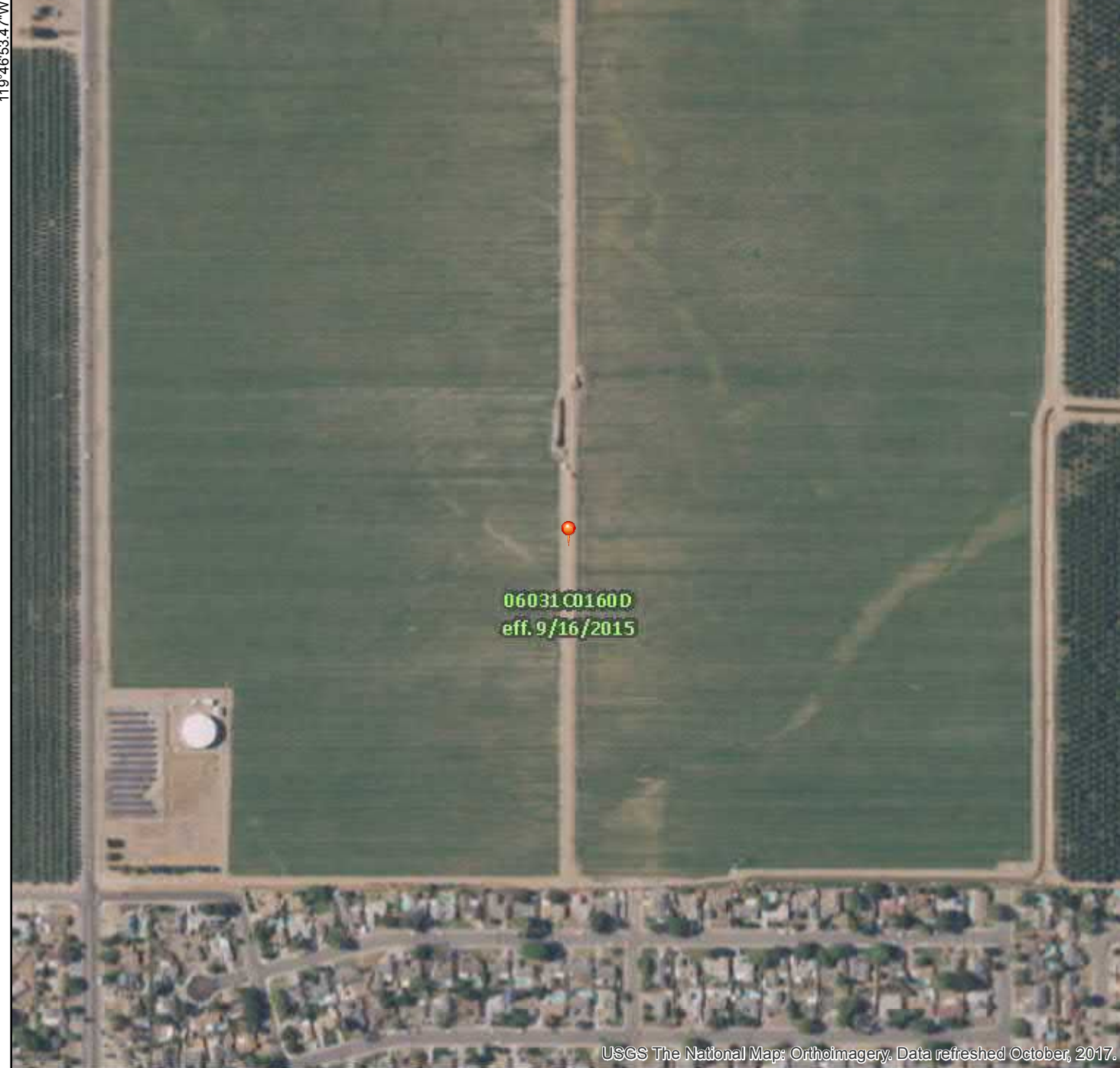
Relationship to Property: OWNER

Phone Number/Email: SAMAS ABOVE

# National Flood Hazard Layer FIRMette



36°19'38.74"N



119°46'53.47"W

## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
		Area of Undetermined Flood Hazard <i>Zone D</i>

GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

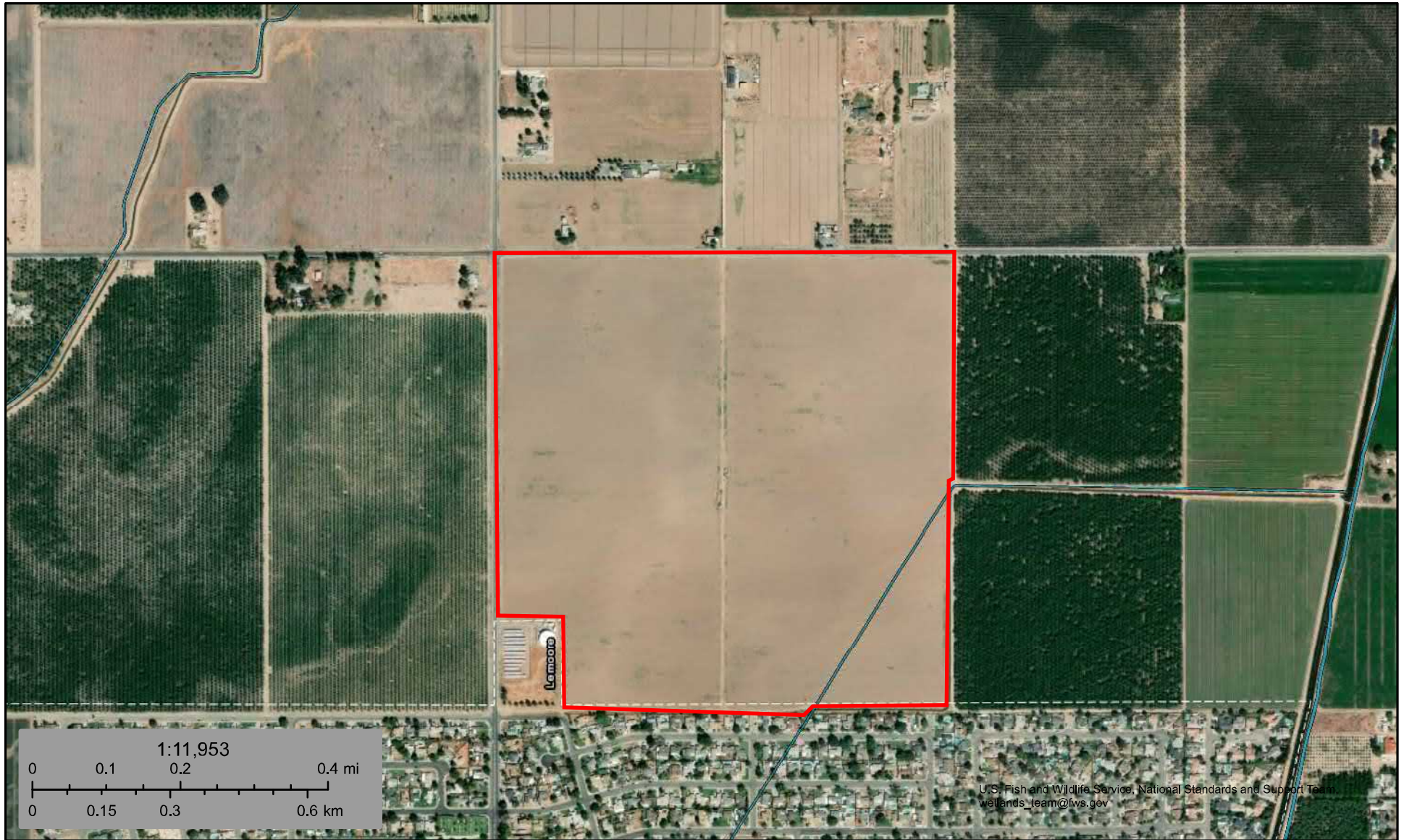
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **3/1/2019 at 1:20:42 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

USGS The National Map: Orthoimagery. Data refreshed October, 2017.



119°46'16.01"W



March 1, 2019

### Wetlands

- |   |                                |   |                                   |   |       |
|---|--------------------------------|---|-----------------------------------|---|-------|
|  | Estuarine and Marine Deepwater |    | Freshwater Emergent Wetland       |  | Lake  |
|  | Estuarine and Marine Wetland   |    | Freshwater Forested/Shrub Wetland |  | Other |
|  | Freshwater Pond                |  | Riverine                          |   |       |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

## **APPENDIX C: REGULATORY DATABASE REPORT**

---



**Semas Property**

18th Avenue and West Lacey Boulevard  
LEMOORE, CA 93245

Inquiry Number: 5566933.2s

February 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](http://www.edrnet.com)

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

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), 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

18TH AVENUE AND WEST LACEY BOULEVARD  
LEMOORE, CA 93245

#### COORDINATES

Latitude (North): 36.3244380 - 36° 19' 27.97"  
Longitude (West): 119.7761800 - 119° 46' 34.24"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 250783.1  
UTM Y (Meters): 4023311.0  
Elevation: 234 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5619120 LEMOORE, CA  
Version Date: 2012

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140619, 20140627  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
 18TH AVENUE AND WEST LACEY BOULEVARD  
 LEMOORE, CA 93245

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">1</a>	CITY OF LEMOORE WELL	LEMORE AVENUE & GLE	CERS HAZ WASTE, CERS	Lower	41, 0.008, SW
<a href="#">2</a>	PEDERSEN FARMS	18TH & LACEY BLVD	CUPA Listings	Lower	54, 0.010, NW
<a href="#">3</a>	MEADOW LANE ELEMENTA	252 1/2 MEADOW LN	CUPA Listings	Lower	638, 0.121, SSW
<a href="#">4</a>	LEMORE CEMENTERY	1441 18 TH AVE	HIST UST	Lower	896, 0.170, SSW
<a href="#">5</a>	GATEWAY PLAZA	1104-1290 NORTH LEMO	CPS-SLIC, CERS	Lower	2145, 0.406, SSW
<a href="#">6</a>	7-ELEVEN #16373	1110 LEMORE N	LUST, HIST CORTESE, CERS	Lower	2567, 0.486, SSW
<a href="#">7</a>	CINNAMON DRIVE SCHOO	500 EAST CINNAMON DR	ENVIROSTOR, SCH, CUPA Listings	Lower	4599, 0.871, South

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

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

## DATABASES WITH NO MAPPED SITES

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

## STANDARD ENVIRONMENTAL RECORDS

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

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

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

Delisted NPL..... National Priority List Deletions

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

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

### ***Federal CERCLIS NFRAP site list***

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

### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

### ***Federal RCRA non-CORRACTS TSD facilities list***

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

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

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

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

LUCIS..... Land Use Control Information System  
US ENG CONTROLS..... Engineering Controls Sites List

## EXECUTIVE SUMMARY

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**

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

### **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 Brownfields 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

ODI..... Open Dump Inventory

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

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

## EXECUTIVE SUMMARY

SCH..... School Property Evaluation Program  
CDL..... Clandestine Drug Labs  
Toxic Pits..... Toxic Pits Cleanup Act Sites  
US CDL..... National Clandestine Laboratory Register

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

SWEEPS UST..... SWEEPS UST Listing  
CERS TANKS..... California Environmental Reporting System (CERS) Tanks  
CA FID UST..... Facility Inventory Database

### **Local Land Records**

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

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

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

### **Other Ascertainable Records**

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated  
FUDS..... Formerly Used Defense Sites  
DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
SSTS..... Section 7 Tracking Systems  
ROD..... Records Of Decision  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PRP..... Potentially Responsible Parties  
PADS..... PCB Activity Database System  
ICIS..... Integrated Compliance Information System  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
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

## EXECUTIVE SUMMARY

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
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
DRYCLEANERS.....	Cleaner Facilities
EMI.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HAZNET.....	Facility and Manifest Data
ICE.....	ICE
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
Notify 65.....	Proposition 65 Records
UIC.....	UIC Listing
UIC GEO.....	UIC GEO (GEOTRACKER)
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
PROJECT.....	PROJECT (GEOTRACKER)
WDR.....	Waste Discharge Requirements Listing
CIWQS.....	California Integrated Water Quality System
CERS.....	CERS
WIP.....	Well Investigation Program Case List
NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

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

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

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



# EXECUTIVE SUMMARY

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/29/2018 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>CINNAMON DRIVE SCHOO</i></b> Facility Id: 16010002 Status: No Action Required	<b><i>500 EAST CINNAMON DR</i></b>	<b><i>S 1/2 - 1 (0.871 mi.)</i></b>	<b><i>7</i></b>	<b><i>21</i></b>

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

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

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>7-ELEVEN #16373</i></b> Database: LUST REG 5, Date of Government Version: 07/01/2008 Database: LUST, Date of Government Version: 12/10/2018	<b><i>1110 LEMOORE N</i></b>	<b><i>SSW 1/4 - 1/2 (0.486 mi.)</i></b>	<b><i>6</i></b>	<b><i>13</i></b>

## EXECUTIVE SUMMARY

Status: Completed - Case Closed  
Status: Post remedial action monitoring  
Global Id: T0603100159

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

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GATEWAY PLAZA</b>	<b>1104-1290 NORTH LEMO</b>	<b>SSW 1/4 - 1/2 (0.406 mi.)</b>	<b>5</b>	<b>12</b>
Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Open - Site Assessment Global Id: T10000008442				

### ADDITIONAL ENVIRONMENTAL RECORDS

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

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.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 10/22/2018 has revealed that there is 1 CERS HAZ WASTE site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CITY OF LEMOORE WELL</b>	<b>LEMOORE AVENUE &amp; GLE</b>	<b>SW 0 - 1/8 (0.008 mi.)</b>	<b>1</b>	<b>8</b>

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

HIST UST: Historical UST Registered Database.

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>LEMOORE CEMENTERY</b>	<b>1441 18 TH AVE</b>	<b>SSW 1/8 - 1/4 (0.170 mi.)</b>	<b>4</b>	<b>12</b>
Facility Id: 00000024961				

## EXECUTIVE SUMMARY

### ***Other Ascertainable Records***

CUPA Listings: 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.

A review of the CUPA Listings list, as provided by EDR, has revealed that there are 2 CUPA Listings sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PEDERSEN FARMS Database: CUPA KINGS, Date of Government Version: 11/21/2018 Status: I Facility Id: FA0000648	18TH & LACEY BLVD	NW 0 - 1/8 (0.010 mi.)	2	11
MEADOW LANE ELEMENTA Database: CUPA KINGS, Date of Government Version: 11/21/2018 Status: A Facility Id: FA0001151	252 1/2 MEADOW LN	SSW 0 - 1/8 (0.121 mi.)	3	12

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

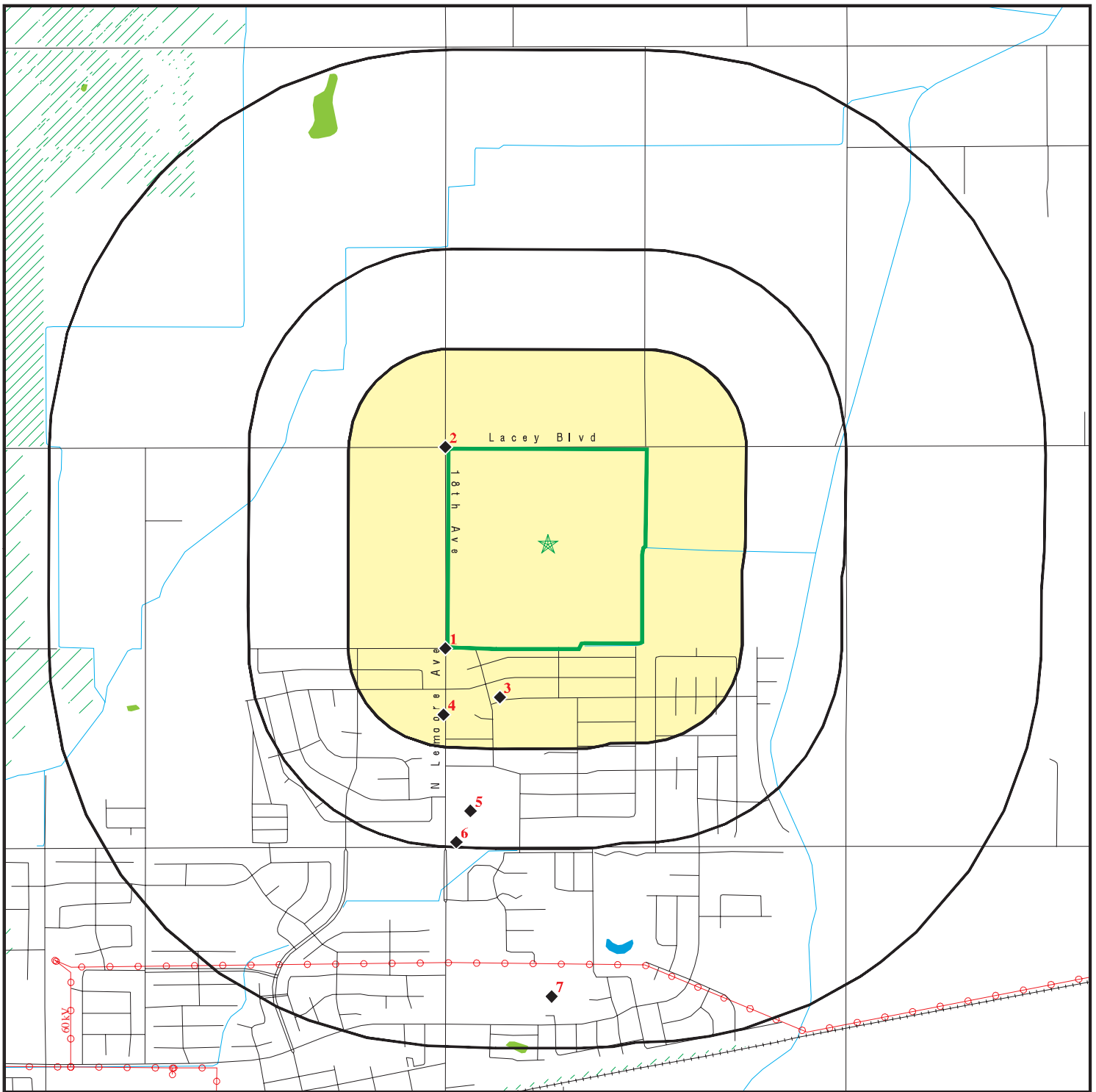
A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target property.


<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>7-ELEVEN #16373</b> Reg Id: 5T16000167	<b>1110 LEMOORE N</b>	<b>SSW 1/4 - 1/2 (0.486 mi.)</b>	<b>6</b>	<b>13</b>


## EXECUTIVE SUMMARY


There were no unmapped sites in this report.

# OVERVIEW MAP - 5566933.2S



 Target Property

 Sites at elevations higher than or equal to the target property

 Sites at elevations lower than the target property

 Manufactured Gas Plants

 National Priority List Sites

 Dept. Defense Sites

 Indian Reservations BIA


 Power transmission lines

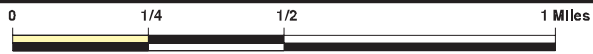
 100-year flood zone

 500-year flood zone

 National Wetland Inventory

 State Wetlands

 Areas of Concern

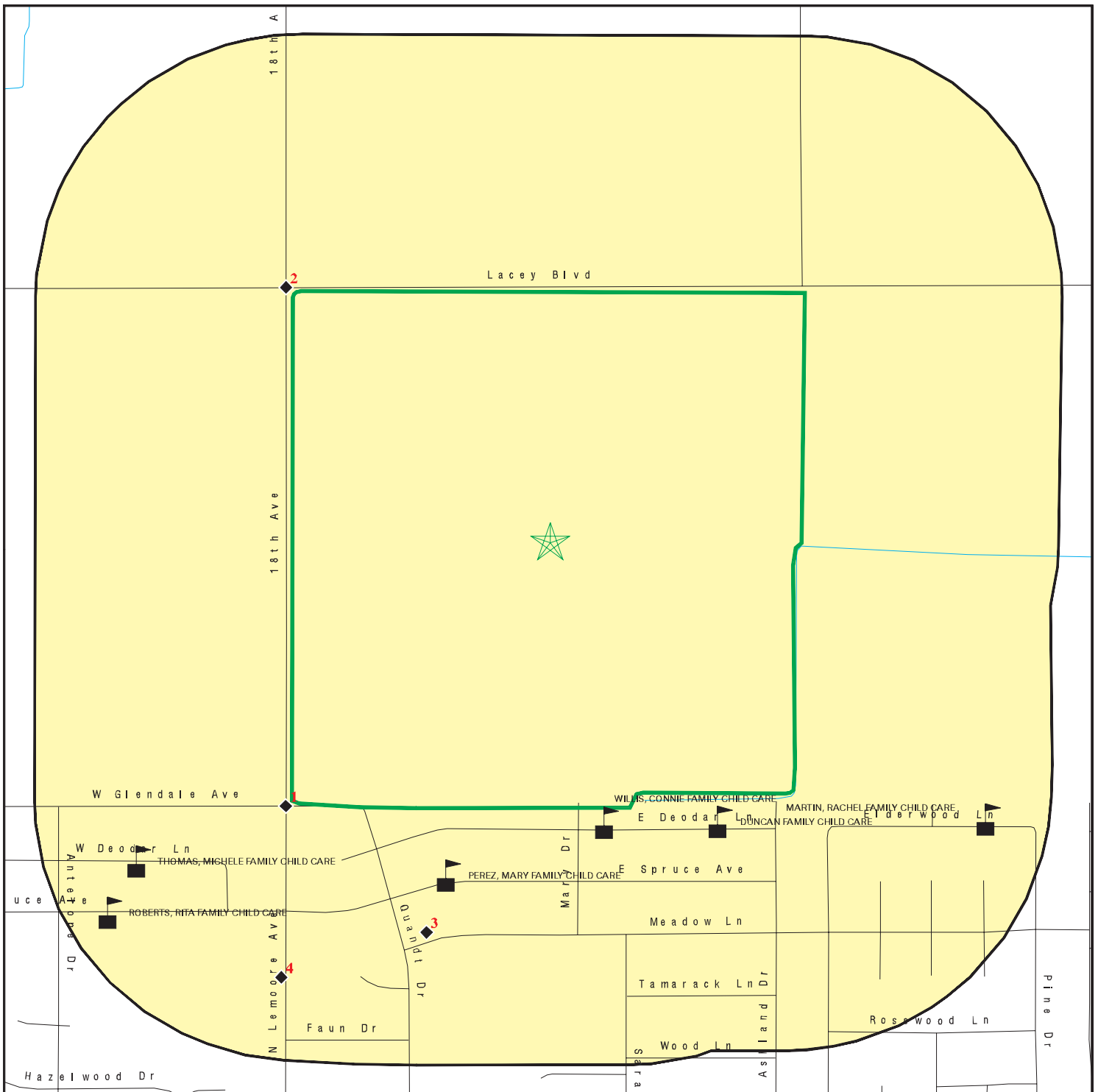









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.





SITE NAME: Semas Property  
 ADDRESS: 18th Avenue and West Lacey Boulevard  
 LEMOORE CA 93245  
 LAT/LONG: 36.324438 / 119.77618

CLIENT: Partner Engineering and Science, Inc.  
 CONTACT: Colleen Tubridy  
 INQUIRY #: 5566933.2s  
 DATE: February 20, 2019 12:11 pm

# DETAIL MAP - 5566933.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  100-year flood zone
-  500-year flood zone
-  Areas of Concern

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

SITE NAME: Semas Property  
 ADDRESS: 18th Avenue and West Lacey Boulevard  
 LEMOORE CA 93245  
 LAT/LONG: 36.324438 / 119.77618

CLIENT: Partner Engineering and Science, Inc.  
 CONTACT: Colleen Tubridy  
 INQUIRY #: 5566933.2s  
 DATE: February 20, 2019 12:14 pm

## 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
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
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
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL RESPONSE</i></b>								
RESPONSE	1.000		0	0	0	0	NR	0
<b><i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i></b>								
ENVIROSTOR	1.000		0	0	0	1	NR	1
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		0	0	1	NR	NR	1

## 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	1	NR	NR	1
<b>State and tribal registered storage tank lists</b>								
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
<b>State and tribal voluntary cleanup sites</b>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		1	0	NR	NR	NR	1
US CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	1	NR	NR	NR	1
CERS TANKS	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	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
DEED	0.500		0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
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	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	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	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	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	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	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		2	0	NR	NR	NR	2
DRYCLEANERS	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
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	1	NR	NR	1
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
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	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	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	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	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0

- Totals --		0	3	1	3	1	0	8
-------------	--	---	---	---	---	---	---	---

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

1  
SW  
< 1/8  
0.008 mi.  
41 ft.

**CITY OF LEMOORE WELL 11# SODIUM HYPOCHLORITE FACIL  
LEMOORE AVENUE & GLENDALE AVE  
LEMOORE, CA 93245**

**CERS HAZ WASTE S121751322  
CERS N/A**

**Relative:  
Lower  
Actual:  
233 ft.**

**CERS HAZ WASTE:**  
Site ID: 19721  
CERS ID: 10446568  
CERS Description: Hazardous Chemical Management

**Affiliation:**  
Affiliation Type Desc: CUPA District  
Entity Name: Kings County Env Health  
Entity Title: Not reported  
Affiliation Address: 330 Campus Drive  
Affiliation City: Hanford  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 93230  
Affiliation Phone: (559) 584-1411

Affiliation Type Desc: Document Preparer  
Entity Name: Richard Pereira  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: Richard Pereira  
Entity Title: Public Works Superintendent  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: City of Lemoore  
Entity Title: Not reported  
Affiliation Address: 711 Cinnamon Dr.  
Affiliation City: Lemoore  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 93245  
Affiliation Phone: (559) 924-6744

Affiliation Type Desc: Operator  
Entity Name: City of Lemoore  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF LEMOORE WELL 11# SODIUM HYPOCHLORITE FACILITY (Continued)**

**S121751322**

Affiliation Phone: (559) 924-6744

Affiliation Type Desc: Parent Corporation  
Entity Name: City of Lemoore  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner  
Entity Name: City of Lemoore  
Entity Title: Not reported  
Affiliation Address: 711 Cinnamon Dr.  
Affiliation City: Lemoore  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 93245  
Affiliation Phone: (559) 924-6744

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 711 Cinnamon Dr.  
Affiliation City: Lemoore  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 93245  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: Richard Pereira  
Entity Title: Not reported  
Affiliation Address: 711 Cinnamon Dr.  
Affiliation City: Lemoore  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 93245  
Affiliation Phone: (559) 924-6744

**CERS TANKS:**

Site ID: 19721  
CERS ID: 10446568  
CERS Description: Chemical Storage Facilities

**Affiliation:**

Affiliation Type Desc: CUPA District  
Entity Name: Kings County Env Health  
Entity Title: Not reported  
Affiliation Address: 330 Campus Drive  
Affiliation City: Hanford  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 93230

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF LEMOORE WELL 11# SODIUM HYPOCHLORITE FACILITY (Continued)**

**S121751322**

Affiliation Phone: (559) 584-1411

Affiliation Type Desc: Document Preparer  
Entity Name: Richard Pereira  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: Richard Pereira  
Entity Title: Public Works Superintendent  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: City of Lemoore  
Entity Title: Not reported  
Affiliation Address: 711 Cinnamon Dr.  
Affiliation City: Lemoore  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 93245  
Affiliation Phone: (559) 924-6744

Affiliation Type Desc: Operator  
Entity Name: City of Lemoore  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (559) 924-6744

Affiliation Type Desc: Parent Corporation  
Entity Name: City of Lemoore  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner  
Entity Name: City of Lemoore  
Entity Title: Not reported  
Affiliation Address: 711 Cinnamon Dr.  
Affiliation City: Lemoore

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF LEMOORE WELL 11# SODIUM HYPOCHLORITE FACILITY (Continued)**

**S121751322**

Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 93245  
Affiliation Phone: (559) 924-6744

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 711 Cinnamon Dr.  
Affiliation City: Lemoore  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 93245  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: Richard Pereira  
Entity Title: Not reported  
Affiliation Address: 711 Cinnamon Dr.  
Affiliation City: Lemoore  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 93245  
Affiliation Phone: (559) 924-6744

**2  
NW  
< 1/8  
0.010 mi.  
54 ft.**

**PEDERSEN FARMS  
18TH & LACEY BLVD  
LEMOORE, CA 93245**

**CUPA Listings S118469380  
N/A**

**Relative:  
Lower  
Actual:  
232 ft.**

CUPA KINGS:  
Region: KING  
Facility Id: FA0000648  
Status: I  
PE: 2212  
Mailing Address 1: 12285 16TH AVE  
Mailing State: CA  
Mailing Zip: 93245  
Decode of Fstatus: InActive  
Mailing Name: CRAIG,KRIS & MARDELL PEDERSEN

Region: KING  
Facility Id: FA0000648  
Status: I  
PE: 2229  
Mailing Address 1: 12285 16TH AVE  
Mailing State: CA  
Mailing Zip: Not reported  
Decode of Fstatus: InActive  
Mailing Name: CRAIG,KRIS & MARDELL PEDERSEN

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**3**  
**SSW**  
**< 1/8**  
**0.121 mi.**  
**638 ft.**

**MEADOW LANE ELEMENTARY**  
**252 1/2 MEADOW LN**  
**LEMOORE, CA 93245**

**CUPA Listings**    **S122338935**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**233 ft.**

**CUPA KINGS:**  
Region: KING  
Facility Id: FA0001151  
Status: A  
PE: 1623  
Mailing Address 1: 100 VINE ST  
Mailing State: CA  
Mailing Zip: 93245  
Decode of Fstatus: Active  
Mailing Name: RENEE DYKSTRA

**4**  
**SSW**  
**1/8-1/4**  
**0.170 mi.**  
**896 ft.**

**LEMOORE CEMENTERY**  
**1441 18 TH AVE**  
**LEMOORE, CA 93245**

**HIST UST**    **U001581932**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**232 ft.**

**HIST UST:**  
File Number: 00025661  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00025661.pdf>  
Region: STATE  
Facility ID: 00000024961  
Facility Type: Other  
Other Type: CEMETERY OPERATION  
Contact Name: K.L. DUDLEY  
Telephone: 2099243439  
Owner Name: LEMOORE CEMETERY DISTRICT  
Owner Address: 1441 18TH. AVE.  
Owner City,St,Zip: LEMOORE, CA 93245  
Total Tanks: 0001  
  
Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00000550  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: Not reported  
Leak Detection: None

[Click here for Geo Tracker PDF:](#)

**5**  
**SSW**  
**1/4-1/2**  
**0.406 mi.**  
**2145 ft.**

**GATEWAY PLAZA**  
**1104-1290 NORTH LEMOORE AVENUE**  
**LEMOORE, CA 93245**

**CPS-SLIC**    **S118504787**  
**CERS**    **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**233 ft.**

**CPS-SLIC:**  
Region: STATE  
**Facility Status:**    **Open - Site Assessment**  
Status Date: 02/05/2016

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GATEWAY PLAZA (Continued)**

**S118504787**

Global Id: T10000008442  
 Lead Agency: CENTRAL VALLEY RWQCB (REGION 5F)  
 Lead Agency Case Number: Not reported  
 Latitude: 36.31578  
 Longitude: -119.78046  
 Case Type: Cleanup Program Site  
 Case Worker: GJI  
 Local Agency: Not reported  
 RB Case Number: T10000008442  
 File Location: Regional Board  
 Potential Media Affected: Aquifer used for drinking water supply, Soil  
 Potential Contaminants of Concern: Dichloroethene (DCE)  
 Site History: Two dry cleaning tenants historically occupied the subject property, Fashion Cleaners and B&D Cleaners. As a result of past operations and practices, underlying soil and groundwater have been impacted by PCE. Staff has placed the facility in the Cost Recovery Program this year and has initiated oversight of the project to fully assess the extent of contamination in groundwater and potential remediation alternatives.

Click here to access the California GeoTracker records for this facility:

**CERS TANKS:**

Site ID: 364004  
 CERS ID: T10000008442  
 CERS Description: Cleanup Program Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
 Entity Name: GREG ISSINGHOFF - CENTRAL VALLEY RWQCB (REGION 5F)  
 Entity Title: Not reported  
 Affiliation Address: 1685 E STREET  
 Affiliation City: FRESNO  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: 5594884390

**6**  
**SSW**  
**1/4-1/2**  
**0.486 mi.**  
**2567 ft.**

**7-ELEVEN #16373**  
**1110 LEMOORE N**  
**LEMOORE, CA 93245**

**LUST** **S104404440**  
**HIST CORTESE** **N/A**  
**CERS**

**Relative:**  
**Lower**

**LUST:**

Lead Agency: CENTRAL VALLEY RWQCB (REGION 5F)  
 Case Type: LUST Cleanup Site  
 Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603100159](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603100159)  
 Global Id: T0603100159  
 Latitude: 36.3133562  
 Longitude: -119.7808115  
 Status: Completed - Case Closed  
 Status Date: 12/02/2009  
 Case Worker: JDW  
 RB Case Number: 5T16000167  
 Local Agency: KINGS COUNTY  
 File Location: Regional Board

**Actual:**  
**233 ft.**



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7-ELEVEN #16373 (Continued)**

**S104404440**

Local Case Number: Not reported  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

LUST:

Global Id: T0603100159  
Contact Type: Regional Board Caseworker  
Contact Name: JOHN WHITING  
Organization Name: CENTRAL VALLEY RWQCB (REGION 5F)  
Address: 1685 E STREET  
City: FRESNO  
Email: john.whiting@waterboards.ca.gov  
Phone Number: Not reported

Global Id: T0603100159  
Contact Type: Local Agency Caseworker  
Contact Name: RAYMOND COOKE  
Organization Name: KINGS COUNTY  
Address: Not reported  
City: r5 UNKNOWN  
Email: Not reported  
Phone Number: Not reported

LUST:

Global Id: T0603100159  
Action Type: Other  
Date: 09/10/1997  
Action: Leak Reported

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 02/02/2005  
Action: Other Workplan

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 03/07/2006  
Action: CAP/RAP - Feasibility Study Report

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 09/29/2005  
Action: Other Report / Document

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 11/02/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 09/29/2005  
Action: Other Report / Document

Global Id: T0603100159  
Action Type: RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7-ELEVEN #16373 (Continued)**

**S104404440**

Date: 03/07/2006  
Action: CAP/RAP - Feasibility Study Report

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 02/02/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 08/02/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 03/16/2005  
Action: \* Verbal Communication

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 03/29/2004  
Action: Staff Letter

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 01/13/2004  
Action: Site Visit / Inspection / Sampling

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 10/23/2008  
Action: Staff Letter

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 05/02/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 05/02/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 08/02/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 01/16/2004  
Action: \* Verbal Communication

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 05/05/2009  
Action: Staff Letter

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7-ELEVEN #16373 (Continued)**

**S104404440**

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 02/26/2009  
Action: Notification - Public Notice of Case Closure

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 07/31/2009  
Action: Staff Letter

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 12/23/2008  
Action: Other Report / Document

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 02/04/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 05/05/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 04/28/2008  
Action: Other Workplan

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 07/27/2005  
Action: Staff Letter

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 08/17/2005  
Action: \* Verbal Communication

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 08/29/2005  
Action: Staff Letter

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 09/01/2004  
Action: Staff Letter

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 10/29/2009  
Action: Staff Letter

Global Id: T0603100159  
Action Type: ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

7-ELEVEN #16373 (Continued)

S104404440

Date: 12/02/2009  
Action: Closure/No Further Action Letter

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 09/22/2005  
Action: Other Workplan

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 05/10/2005  
Action: Site Visit / Inspection / Sampling

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 03/23/2005  
Action: Staff Letter

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 10/18/2005  
Action: Staff Letter

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 07/06/2005  
Action: Site Visit / Inspection / Sampling

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 11/13/2009  
Action: Well Destruction Report

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 06/11/2003  
Action: Staff Letter

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 05/27/2003  
Action: \* Verbal Communication

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 03/14/2005  
Action: Staff Letter

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 06/24/2004  
Action: Other Report / Document

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 06/19/2004  
Action: Other Report / Document

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7-ELEVEN #16373 (Continued)**

**S104404440**

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 11/14/2003  
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 11/03/2003  
Action: Monitoring Report - Quarterly

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 04/01/2004  
Action: Other Report / Document

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 04/01/2004  
Action: Well Installation Report

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 02/02/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 04/17/2006  
Action: Staff Letter

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 10/17/2006  
Action: Site Visit / Inspection / Sampling

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 02/21/2007  
Action: Staff Letter

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 11/15/2003  
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 08/04/2003  
Action: Monitoring Report - Quarterly

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 11/04/2003  
Action: Monitoring Report - Quarterly

Global Id: T0603100159  
Action Type: ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

7-ELEVEN #16373 (Continued)

S104404440

Date: 12/08/2003  
Action: Staff Letter

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 03/23/2004  
Action: Staff Letter

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 03/08/2004  
Action: Staff Letter

Global Id: T0603100159  
Action Type: Other  
Date: 09/08/1997  
Action: Leak Discovery

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 08/02/2005  
Action: Well Installation Report

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 08/02/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 06/25/2003  
Action: Staff Letter

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 01/10/2008  
Action: Staff Letter

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 12/17/2007  
Action: Technical Correspondence / Assistance / Other

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 06/18/2003  
Action: \* Verbal Communication

Global Id: T0603100159  
Action Type: Other  
Date: 09/15/1997  
Action: Leak Stopped

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 05/02/2005  
Action: Monitoring Report - Quarterly

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7-ELEVEN #16373 (Continued)**

**S104404440**

Global Id: T0603100159  
Action Type: RESPONSE  
Date: 06/27/2005  
Action: Interim Remedial Action Plan

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 10/06/2003  
Action: Staff Letter

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 11/17/2005  
Action: Staff Letter

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 09/15/2003  
Action: Site Visit / Inspection / Sampling

Global Id: T0603100159  
Action Type: ENFORCEMENT  
Date: 03/09/2004  
Action: \* Verbal Communication

LUST:

Global Id: T0603100159  
Status: Completed - Case Closed  
Status Date: 12/02/2009

Global Id: T0603100159  
Status: Open - Case Begin Date  
Status Date: 09/08/1997

Global Id: T0603100159  
Status: Open - Remediation  
Status Date: 01/13/2000

Global Id: T0603100159  
Status: Open - Remediation  
Status Date: 04/23/2001

Global Id: T0603100159  
Status: Open - Remediation  
Status Date: 11/12/2003

Global Id: T0603100159  
Status: Open - Verification Monitoring  
Status Date: 11/02/2005

LUST REG 5:

Region: 5  
Status: Post remedial action monitoring  
Case Number: 5T16000167  
Case Type: Drinking Water Aquifer affected

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**7-ELEVEN #16373 (Continued)**

**S104404440**

Substance: GASOLINE  
Staff Initials: JDW  
Lead Agency: Regional  
Program: LUST  
MTBE Code: 8

**HIST CORTESE:**

Region: CORTESE  
Facility County Code: 16  
Reg By: LTNKA  
Reg Id: 5T16000167

**CERS TANKS:**

Site ID: 212760  
CERS ID: T0603100159  
CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: JOHN WHITING - CENTRAL VALLEY RWQCB (REGION 5F)  
Entity Title: Not reported  
Affiliation Address: 1685 E STREET  
Affiliation City: FRESNO  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: RAYMOND COOKE - KINGS COUNTY  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: r5 UNKNOWN  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

**7**  
**South**  
**1/2-1**  
**0.871 mi.**  
**4599 ft.**

**CINNAMON DRIVE SCHOOL SITE**  
**500 EAST CINNAMON DRIVE**  
**LEMOORE, CA 93245**

**ENVIROSTOR S118756487**  
**SCH N/A**  
**CUPA Listings**

**Relative:**  
**Lower**  
**Actual:**  
**232 ft.**

**ENVIROSTOR:**  
Facility ID: 16010002  
Status: No Action Required  
Status Date: 08/18/1999  
Site Code: 101173  
Site Type: School Investigation  
Site Type Detailed: School  
Acres: 10.39  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CINNAMON DRIVE SCHOOL SITE (Continued)**

**S118756487**

Supervisor: Mark Malinowski  
Division Branch: Northern California Schools & Santa Susana  
Assembly: 32  
Senate: 14  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: School District  
Latitude: 36.3075  
Longitude: -119.7755  
APN: NONE SPECIFIED  
Past Use: AGRICULTURAL - ROW CROPS  
Potential COC: NONE SPECIFIED No Contaminants found  
Confirmed COC: NONE SPECIFIED  
Potential Description: NMA  
Alias Name: CINNAMON DRIVE SCHOOL SITE  
Alias Type: Alternate Name  
Alias Name: LEMOORE UNION ELEM. SCH. DIST. CINNAMON  
Alias Type: Alternate Name  
Alias Name: LEMOORE UNION ELEMENTARY SCHOOL DISTRICT  
Alias Type: Alternate Name  
Alias Name: 101173  
Alias Type: Project Code (Site Code)  
Alias Name: 16010002  
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: 08/18/1999  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 08/10/1999  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 09/07/1999  
Comments: Not reported

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:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CINNAMON DRIVE SCHOOL SITE (Continued)**

**S118756487**

Facility ID: 16010002  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 10.39  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Not reported  
Supervisor: Mark Malinowski  
Division Branch: Northern California Schools & Santa Susana  
Site Code: 101173  
Assembly: 32  
Senate: 14  
Special Program Status: Not reported  
Status: No Action Required  
Status Date: 08/18/1999  
Restricted Use: NO  
Funding: School District  
Latitude: 36.3075  
Longitude: -119.7755  
APN: NONE SPECIFIED  
Past Use: AGRICULTURAL - ROW CROPS  
Potential COC: NONE SPECIFIED, No Contaminants found  
Confirmed COC: NONE SPECIFIED  
Potential Description: NMA  
Alias Name: CINNAMON DRIVE SCHOOL SITE  
Alias Type: Alternate Name  
Alias Name: LEMOORE UNION ELEM. SCH. DIST. CINNAMON  
Alias Type: Alternate Name  
Alias Name: LEMOORE UNION ELEMENTARY SCHOOL DISTRICT  
Alias Type: Alternate Name  
Alias Name: 101173  
Alias Type: Project Code (Site Code)  
Alias Name: 16010002  
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: 08/18/1999  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 08/10/1999  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 09/07/1999  
Comments: Not reported

Future Area Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CINNAMON DRIVE SCHOOL SITE (Continued)**

**S118756487**

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

**CUPA KINGS:**

Region: KING  
Facility Id: FA0002679  
Status: A  
PE: 1623  
Mailing Address 1: 100 VINE ST  
Mailing State: CA  
Mailing Zip: 93245  
Decode of Fstatus: Active  
Mailing Name: CINNAMON ELEMENTARY

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: 12/12/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: N/A
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 02/15/2019
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

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

Date of Government Version: 12/12/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: N/A
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 02/15/2019
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/12/2018  
Date Data Arrived at EDR: 12/28/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 14

Source: EPA  
Telephone: N/A  
Last EDR Contact: 02/15/2019  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 11/07/2016  
Date Data Arrived at EDR: 01/05/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 92

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 01/04/2019  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known 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: 12/12/2018  
Date Data Arrived at EDR: 12/28/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 14

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 02/15/2019  
Next Scheduled EDR Contact: 04/29/2019  
Data Release Frequency: Quarterly

## ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/13/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 02/15/2019
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/29/2019
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018	Source: EPA
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

## ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

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

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

## RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

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

### LUCIS: Land Use Control Information System

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

Date of Government Version: 10/17/2018	Source: Department of the Navy
Date Data Arrived at EDR: 10/25/2018	Telephone: 843-820-7326
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 02/07/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 02/04/2019
Number of Days to Update: 17	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies

### US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 02/04/2019
Number of Days to Update: 17	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***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: 09/24/2018

Date Data Arrived at EDR: 09/25/2018

Date Made Active in Reports: 11/09/2018

Number of Days to Update: 45

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 02/08/2019

Next Scheduled EDR Contact: 04/08/2019

Data Release Frequency: Quarterly

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

RESPONSE: State Response Sites

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

Date of Government Version: 10/29/2018

Date Data Arrived at EDR: 10/30/2018

Date Made Active in Reports: 12/13/2018

Number of Days to Update: 44

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 01/29/2019

Next Scheduled EDR Contact: 05/11/2019

Data Release Frequency: Quarterly

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

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 10/29/2018

Date Data Arrived at EDR: 10/30/2018

Date Made Active in Reports: 12/13/2018

Number of Days to Update: 44

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 01/29/2019

Next Scheduled EDR Contact: 05/11/2019

Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 11/12/2018

Date Data Arrived at EDR: 11/14/2018

Date Made Active in Reports: 12/13/2018

Number of Days to Update: 29

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 02/12/2019

Next Scheduled EDR Contact: 05/27/2019

Data Release Frequency: Quarterly

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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 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 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 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: Leaking Underground Fuel Tank Report (GEOTRACKER)

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

Date of Government Version: 12/10/2018  
Date Data Arrived at EDR: 12/11/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: see region list  
Last EDR Contact: 12/11/2018  
Next Scheduled EDR Contact: 03/25/2019  
Data Release Frequency: Quarterly

## LUST REG 1: Active Toxic Site Investigation

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

Date of Government Version: 02/01/2001  
Date Data Arrived at EDR: 02/28/2001  
Date Made Active in Reports: 03/29/2001  
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)  
Telephone: 707-570-3769  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: Quarterly

## 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 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 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: Varies

## 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 R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 01/25/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Varies

## INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/10/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2018	Telephone: 415-972-3372
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

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

Date of Government Version: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6271
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

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

Date of Government Version: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

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

Date of Government Version: 04/13/2018	Source: EPA Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

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

Date of Government Version: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-8677
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

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

Date of Government Version: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-6597
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

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

Date of Government Version: 04/12/2018	Source: EPA, Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-7439
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

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

Date of Government Version: 12/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/11/2018	Telephone: 866-480-1028
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Varies

## SLIC REG 1: Active Toxic Site Investigations

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

Date of Government Version: 04/03/2003	Source: California Regional Water Quality Control Board, North Coast Region (1)
Date Data Arrived at EDR: 04/07/2003	Telephone: 707-576-2220
Date Made Active in Reports: 04/25/2003	Last EDR Contact: 08/01/2011
Number of Days to Update: 18	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	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 05/18/2006	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/18/2006	Telephone: 805-549-3147
Date Made Active in Reports: 06/15/2006	Last EDR Contact: 07/18/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 11/17/2004	Source: Region Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 11/18/2004	Telephone: 213-576-6600
Date Made Active in Reports: 01/04/2005	Last EDR Contact: 07/01/2011
Number of Days to Update: 47	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: Varies

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

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

Date of Government Version: 04/01/2005	Source: Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 04/05/2005	Telephone: 916-464-3291
Date Made Active in Reports: 04/21/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 16	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: Semi-Annually

## SLIC REG 6L: SLIC Sites

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

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

Source: California Regional Water Quality Control Board, Lahontan Region  
Telephone: 530-542-5574  
Last EDR Contact: 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: Semi-Annually

## SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

Date of Government Version: 09/10/2007  
Date Data Arrived at EDR: 09/11/2007  
Date Made Active in Reports: 09/28/2007  
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980  
Last EDR Contact: 08/08/2011  
Next Scheduled EDR Contact: 11/21/2011  
Data Release Frequency: Annually

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

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017  
Date Data Arrived at EDR: 05/30/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 136

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 01/08/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 12/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/11/2018	Telephone: 866-480-1028
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Varies

## 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: 12/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/12/2018	Telephone: 916-327-7844
Date Made Active in Reports: 01/16/2019	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Varies

## UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/10/2018	Source: SWRCB
Date Data Arrived at EDR: 12/11/2018	Telephone: 916-341-5851
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 12/11/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Semi-Annually

## AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 12/12/2018
Number of Days to Update: 69	Next Scheduled EDR Contact: 04/01/2019
	Data Release Frequency: Quarterly

## INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6137
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/13/2018	Source: EPA, Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 04/10/2018	Source: EPA Region 9
Date Data Arrived at EDR: 05/18/2018	Telephone: 415-972-3368
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2018	Source: EPA Region 10
Date Data Arrived at EDR: 05/18/2018	Telephone: 206-553-2857
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2018	Source: EPA Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-6136
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-9424
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-7591
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***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: 10/29/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/30/2018	Telephone: 916-323-3400
Date Made Active in Reports: 12/13/2018	Last EDR Contact: 01/29/2019
Number of Days to Update: 44	Next Scheduled EDR Contact: 05/11/2019
	Data Release Frequency: Quarterly

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 12/19/2018
Number of Days to Update: 142	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Varies

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

## ***State and tribal Brownfields sites***

### BROWNFIELDS: Considered Brownfields 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: 09/24/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/25/2018	Telephone: 916-323-7905
Date Made Active in Reports: 10/15/2018	Last EDR Contact: 12/21/2018
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

#### US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 12/17/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/18/2018	Telephone: 202-566-2777
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 12/18/2018
Number of Days to Update: 24	Next Scheduled EDR Contact: 04/01/2019
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 01/28/2019
Number of Days to Update: 30	Next Scheduled EDR Contact: 05/11/2019
	Data Release Frequency: No Update Planned

### SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/10/2018	Source: Department of Conservation
Date Data Arrived at EDR: 12/12/2018	Telephone: 916-323-3836
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 12/12/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Quarterly

### HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 09/26/2018	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 09/28/2018	Telephone: 916-341-6422
Date Made Active in Reports: 11/01/2018	Last EDR Contact: 02/12/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: Varies

### INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 01/29/2019
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/13/2019
	Data Release Frequency: Varies

### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 01/17/2019
Number of Days to Update: 137	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: No Update Planned

### ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: Department of Health & Human Services, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 02/01/2019
Number of Days to Update: 176	Next Scheduled EDR Contact: 05/13/2019
	Data Release Frequency: Varies

## Local Lists of Hazardous waste / Contaminated Sites

### US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 09/21/2018	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/21/2018	Telephone: 202-307-1000
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 11/26/2018
Number of Days to Update: 49	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: No Update Planned

### HIST CAL-SITES: Calsites Database

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

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	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: 10/29/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/30/2018	Telephone: 916-323-3400
Date Made Active in Reports: 12/13/2018	Last EDR Contact: 01/29/2019
Number of Days to Update: 44	Next Scheduled EDR Contact: 05/11/2019
	Data Release Frequency: Quarterly

### CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/12/2018	Telephone: 916-255-6504
Date Made Active in Reports: 08/06/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 04/22/2019
	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 10/22/2018	Source: CalEPA
Date Data Arrived at EDR: 10/23/2018	Telephone: 916-323-2514
Date Made Active in Reports: 11/30/2018	Last EDR Contact: 01/24/2019
Number of Days to Update: 38	Next Scheduled EDR Contact: 05/06/2019
	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: 09/21/2018	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/21/2018	Telephone: 202-307-1000
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 11/26/2018
Number of Days to Update: 49	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Quarterly

## **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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/04/2018	Source: Department of Public Health
Date Data Arrived at EDR: 12/06/2018	Telephone: 707-463-4466
Date Made Active in Reports: 12/14/2018	Last EDR Contact: 11/26/2018
Number of Days to Update: 8	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Annually

### HIST UST: Hazardous Substance Storage Container Database

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

Date of Government Version: 10/15/1990	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/11/2018  
Date Data Arrived at EDR: 09/12/2018  
Date Made Active in Reports: 10/11/2018  
Number of Days to Update: 29

Source: San Francisco County Department of Public Health  
Telephone: 415-252-3896  
Last EDR Contact: 01/31/2019  
Next Scheduled EDR Contact: 05/20/2019  
Data Release Frequency: Varies

## CA FID UST: Facility Inventory Database

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

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

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

## CERS TANKS: California Environmental Reporting System (CERS) Tanks

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

Date of Government Version: 10/22/2018  
Date Data Arrived at EDR: 10/23/2018  
Date Made Active in Reports: 11/30/2018  
Number of Days to Update: 38

Source: California Environmental Protection Agency  
Telephone: 916-323-2514  
Last EDR Contact: 01/24/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Quarterly

## Local Land Records

### LIENS: Environmental Liens Listing

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

Date of Government Version: 11/29/2018  
Date Data Arrived at EDR: 12/04/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 38

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 11/29/2018  
Next Scheduled EDR Contact: 03/18/2019  
Data Release Frequency: Varies

### LIENS 2: CERCLA Lien Information

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

Date of Government Version: 12/12/2018  
Date Data Arrived at EDR: 12/28/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 14

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 02/15/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Semi-Annually

### DEED: Deed Restriction Listing

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 12/03/2018	Source: DTSC and SWRCB
Date Data Arrived at EDR: 12/05/2018	Telephone: 916-323-3400
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 12/05/2018
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Semi-Annually

## **Records of Emergency Release Reports**

### **HMIRS: Hazardous Materials Information Reporting System**

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

Date of Government Version: 03/26/2018	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/27/2018	Telephone: 202-366-4555
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 02/08/2019
Number of Days to Update: 73	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

### **CHMIRS: California Hazardous Material Incident Report System**

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

Date of Government Version: 04/06/2018	Source: Office of Emergency Services
Date Data Arrived at EDR: 04/24/2018	Telephone: 916-845-8400
Date Made Active in Reports: 06/14/2018	Last EDR Contact: 01/24/2019
Number of Days to Update: 51	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Semi-Annually

### **LDS: Land Disposal Sites Listing (GEOTRACKER)**

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

Date of Government Version: 12/10/2018	Source: State Water Quality Control Board
Date Data Arrived at EDR: 12/11/2018	Telephone: 866-480-1028
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Quarterly

### **MCS: Military Cleanup Sites Listing (GEOTRACKER)**

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

Date of Government Version: 12/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/11/2018	Telephone: 866-480-1028
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## Other Ascertainable Records

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

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

### FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 11/19/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/04/2019
	Data Release Frequency: Varies

### DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/11/2019
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Semi-Annually

### FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/11/2019
Number of Days to Update: 339	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: N/A

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 02/15/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 08/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/25/2018	Telephone: 202-566-1917
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 02/04/2019
Number of Days to Update: 45	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

## EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 02/08/2019
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Quarterly

## 2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 02/08/2019
Number of Days to Update: 73	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Varies

## TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 12/21/2018
Number of Days to Update: 198	Next Scheduled EDR Contact: 04/01/2019
	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.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 01/10/2018  
Date Made Active in Reports: 01/12/2018  
Number of Days to Update: 2

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 11/16/2018  
Next Scheduled EDR Contact: 03/04/2019  
Data Release Frequency: Annually

## SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 12/10/2010  
Date Made Active in Reports: 02/25/2011  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 01/25/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Annually

## ROD: Records Of Decision

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

Date of Government Version: 12/12/2018  
Date Data Arrived at EDR: 12/28/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 14

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 02/15/2019  
Next Scheduled EDR Contact: 03/18/2019  
Data Release Frequency: Annually

## RMP: Risk Management Plans

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

Date of Government Version: 10/26/2018  
Date Data Arrived at EDR: 11/06/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 66

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 01/22/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Varies

## RAATS: RCRA Administrative Action Tracking System

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

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 08/13/2018	Source: EPA
Date Data Arrived at EDR: 10/04/2018	Telephone: 202-564-6023
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 02/15/2019
Number of Days to Update: 36	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/14/2018	Source: EPA
Date Data Arrived at EDR: 10/11/2018	Telephone: 202-566-0500
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 01/11/2019
Number of Days to Update: 57	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 01/07/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

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

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

## MLTS: Material Licensing Tracking System

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

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 01/22/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/06/2019
	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	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 12/05/2018
Number of Days to Update: 76	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Varies

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/03/2018
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Varies

## PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 01/25/2019
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## RADINFO: Radiation Information Database

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

Date of Government Version: 10/02/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2018	Telephone: 202-343-9775
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 01/03/2019
Number of Days to Update: 37	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 10/01/2018  
Date Data Arrived at EDR: 10/30/2018  
Date Made Active in Reports: 01/18/2019  
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 01/29/2019  
Next Scheduled EDR Contact: 05/11/2019  
Data Release Frequency: Quarterly

## CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 09/30/2018  
Date Data Arrived at EDR: 10/12/2018  
Date Made Active in Reports: 12/07/2018  
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 01/07/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Varies

## BRS: Biennial Reporting System

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

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

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 02/13/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Biennially

## INDIAN RESERV: Indian Reservations

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

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

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 01/07/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

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

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

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 01/31/2019  
Next Scheduled EDR Contact: 05/20/2019  
Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/23/2017  
Date Data Arrived at EDR: 10/11/2017  
Date Made Active in Reports: 11/03/2017  
Number of Days to Update: 23

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 12/14/2018  
Next Scheduled EDR Contact: 03/04/2019  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/12/2018  
Date Data Arrived at EDR: 12/28/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 14

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 02/15/2019  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 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: 08/01/2018  
Date Data Arrived at EDR: 08/29/2018  
Date Made Active in Reports: 10/05/2018  
Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 11/30/2018  
Next Scheduled EDR Contact: 03/11/2019  
Data Release Frequency: Semi-Annually

## US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005	Source: USGS
Date Data Arrived at EDR: 02/29/2008	Telephone: 703-648-7709
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 11/30/2018
Number of Days to Update: 49	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies

## US MINES 3: Active Mines & Mineral Plants Database Listing

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

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 11/30/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 09/10/2018	Source: Department of Interior
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-208-2609
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 12/19/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 11/15/2018	Source: EPA
Date Data Arrived at EDR: 12/05/2018	Telephone: (415) 947-8000
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 01/31/2019
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/18/2019
	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: 09/02/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/05/2018	Telephone: 202-564-2280
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 01/07/2019
Number of Days to Update: 9	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Quarterly

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 11/30/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017	Source: Department of Defense
Date Data Arrived at EDR: 06/19/2018	Telephone: 703-704-1564
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 01/14/2019
Number of Days to Update: 87	Next Scheduled EDR Contact: 04/29/2019
	Data Release Frequency: Varies

## FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 08/22/2018	Source: EPA
Date Data Arrived at EDR: 08/22/2018	Telephone: 800-385-6164
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 11/19/2018
Number of Days to Update: 44	Next Scheduled EDR Contact: 03/04/2019
	Data Release Frequency: Quarterly

## CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	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: 09/24/2018	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 09/25/2018	Telephone: 916-323-3400
Date Made Active in Reports: 10/16/2018	Last EDR Contact: 12/21/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

## CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 08/28/2018	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 08/30/2018	Telephone: 925-454-2361
Date Made Active in Reports: 11/01/2018	Last EDR Contact: 02/11/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: Varies

## CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 09/11/2018	Source: San Francisco County Department of Environmental Health
Date Data Arrived at EDR: 09/12/2018	Telephone: 415-252-3896
Date Made Active in Reports: 09/19/2018	Last EDR Contact: 01/31/2019
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/20/2019
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/13/2018  
Date Data Arrived at EDR: 12/04/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 42

Source: Antelope Valley Air Quality Management District  
Telephone: 661-723-8070  
Last EDR Contact: 11/29/2018  
Next Scheduled EDR Contact: 03/18/2019  
Data Release Frequency: Varies

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

Date of Government Version: 10/04/2018  
Date Data Arrived at EDR: 10/05/2018  
Date Made Active in Reports: 11/01/2018  
Number of Days to Update: 27

Source: South Coast Air Quality Management District  
Telephone: 909-396-3211  
Last EDR Contact: 11/26/2018  
Next Scheduled EDR Contact: 03/11/2019  
Data Release Frequency: Varies

**DRYCLEANERS:** Cleaner Facilities

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

Date of Government Version: 08/30/2018  
Date Data Arrived at EDR: 09/27/2018  
Date Made Active in Reports: 11/01/2018  
Number of Days to Update: 35

Source: Department of Toxic Substance Control  
Telephone: 916-327-4498  
Last EDR Contact: 11/29/2018  
Next Scheduled EDR Contact: 03/18/2019  
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: 06/20/2018  
Date Made Active in Reports: 08/06/2018  
Number of Days to Update: 47

Source: California Air Resources Board  
Telephone: 916-322-2990  
Last EDR Contact: 12/21/2018  
Next Scheduled EDR Contact: 04/01/2019  
Data Release Frequency: Varies

**ENF:** Enforcement Action Listing

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

Date of Government Version: 11/01/2018  
Date Data Arrived at EDR: 11/02/2018  
Date Made Active in Reports: 12/13/2018  
Number of Days to Update: 41

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 02/13/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Varies

**Financial Assurance 1:** Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 10/19/2018  
Date Data Arrived at EDR: 10/23/2018  
Date Made Active in Reports: 11/30/2018  
Number of Days to Update: 38

Source: Department of Toxic Substances Control  
Telephone: 916-255-3628  
Last EDR Contact: 01/17/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Varies

**Financial Assurance 2:** Financial Assurance Information Listing

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



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/18/2018  
Date Data Arrived at EDR: 11/19/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 53

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 02/11/2019  
Next Scheduled EDR Contact: 05/27/2019  
Data Release Frequency: Varies

## HAZNET: Facility and Manifest Data

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

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 10/10/2018  
Date Made Active in Reports: 11/16/2018  
Number of Days to Update: 37

Source: California Environmental Protection Agency  
Telephone: 916-255-1136  
Last EDR Contact: 01/07/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Annually

## ICE: ICE

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

Date of Government Version: 11/19/2018  
Date Data Arrived at EDR: 11/19/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 53

Source: Department of Toxic Substances Control  
Telephone: 877-786-9427  
Last EDR Contact: 11/19/2018  
Next Scheduled EDR Contact: 03/04/2019  
Data Release Frequency: Quarterly

## HIST CORTESE: Hazardous Waste & Substance Site List

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

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

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

## HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 11/19/2018  
Date Data Arrived at EDR: 11/19/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 53

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 11/19/2018  
Next Scheduled EDR Contact: 03/04/2019  
Data Release Frequency: Quarterly

## HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 10/09/2018  
Date Data Arrived at EDR: 10/10/2018  
Date Made Active in Reports: 11/16/2018  
Number of Days to Update: 37

Source: Department of Toxic Substances Control  
Telephone: 916-440-7145  
Last EDR Contact: 01/08/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/10/2018	Source: Department of Conservation
Date Data Arrived at EDR: 12/12/2018	Telephone: 916-322-1080
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 12/12/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Quarterly

## MWMP: Medical Waste Management Program Listing

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

Date of Government Version: 11/09/2018	Source: Department of Public Health
Date Data Arrived at EDR: 12/05/2018	Telephone: 916-558-1784
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 12/05/2018
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Varies

## NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/12/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/14/2018	Telephone: 916-445-9379
Date Made Active in Reports: 12/13/2018	Last EDR Contact: 02/12/2019
Number of Days to Update: 29	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: Quarterly

## PEST LIC: Pesticide Regulation Licenses Listing

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

Date of Government Version: 12/03/2018	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 12/05/2018	Telephone: 916-445-4038
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 12/05/2018
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Quarterly

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 12/10/2018	Source: Department of Conservation
Date Data Arrived at EDR: 12/12/2018	Telephone: 916-323-3836
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 12/12/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Quarterly

## NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 09/19/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/20/2018	Telephone: 916-445-3846
Date Made Active in Reports: 10/19/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/01/2019
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UIC: UIC Listing

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

Date of Government Version: 04/27/2018	Source: Department of Conservation
Date Data Arrived at EDR: 06/13/2018	Telephone: 916-445-2408
Date Made Active in Reports: 07/17/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Varies

## UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 12/10/2018	Source: State Water Resource Control Board
Date Data Arrived at EDR: 12/11/2018	Telephone: 866-480-1028
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Varies

## WASTEWATER PITS: Oil Wastewater Pits Listing

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

Date of Government Version: 05/08/2018	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 07/11/2018	Telephone: 559-445-5577
Date Made Active in Reports: 09/13/2018	Last EDR Contact: 01/11/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Varies

## WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 02/13/2019
Number of Days to Update: 9	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Quarterly

## MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 12/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/11/2018	Telephone: 866-480-1028
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Varies

## PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 12/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/11/2018	Telephone: 866-480-1028
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Varies

## WDR: Waste Discharge Requirements Listing

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/10/2018  
Date Data Arrived at EDR: 12/12/2018  
Date Made Active in Reports: 01/18/2019  
Number of Days to Update: 37

Source: State Water Resources Control Board  
Telephone: 916-341-5810  
Last EDR Contact: 12/12/2018  
Next Scheduled EDR Contact: 03/25/2019  
Data Release Frequency: Quarterly

## CIWQS: California Integrated Water Quality System

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

Date of Government Version: 12/03/2018  
Date Data Arrived at EDR: 12/04/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 38

Source: State Water Resources Control Board  
Telephone: 866-794-4977  
Last EDR Contact: 12/04/2018  
Next Scheduled EDR Contact: 03/18/2019  
Data Release Frequency: Varies

## CERS: CalEPA Regulated Site Portal Data

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

Date of Government Version: 10/22/2018  
Date Data Arrived at EDR: 10/23/2018  
Date Made Active in Reports: 11/30/2018  
Number of Days to Update: 38

Source: California Environmental Protection Agency  
Telephone: 916-323-2514  
Last EDR Contact: 01/24/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Varies

## 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: 12/19/2018  
Next Scheduled EDR Contact: 04/08/2019  
Data Release Frequency: Varies

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

Non-Case Information sites

Date of Government Version: 12/10/2018  
Date Data Arrived at EDR: 12/11/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 12/12/2018  
Next Scheduled EDR Contact: 03/25/2019  
Data Release Frequency: Varies

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

Other Oil & Gas Projects sites

Date of Government Version: 12/10/2018  
Date Data Arrived at EDR: 12/11/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 12/12/2018  
Next Scheduled EDR Contact: 03/25/2019  
Data Release Frequency: Varies

## PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/10/2018  
Date Data Arrived at EDR: 12/11/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 12/12/2018  
Next Scheduled EDR Contact: 03/25/2019  
Data Release Frequency: Varies

## SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 12/10/2018  
Date Data Arrived at EDR: 12/11/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 12/12/2018  
Next Scheduled EDR Contact: 03/25/2019  
Data Release Frequency: Varies

## WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

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

Date of Government Version: 12/10/2018  
Date Data Arrived at EDR: 12/11/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 12/12/2018  
Next Scheduled EDR Contact: 03/25/2019  
Data Release Frequency: Varies

## EDR HIGH RISK HISTORICAL RECORDS

### ***EDR Exclusive Records***

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

#### EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: 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	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	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: 10/05/2018	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 10/10/2018	Telephone: 510-567-6700
Date Made Active in Reports: 11/01/2018	Last EDR Contact: 01/07/2019
Number of Days to Update: 22	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Semi-Annually

#### UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/05/2018	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 10/10/2018	Telephone: 510-567-6700
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 01/07/2019
Number of Days to Update: 23	Next Scheduled EDR Contact: 04/24/2047
	Data Release Frequency: Semi-Annually

### AMADOR COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA AMADOR: CUPA Facility List Cupa Facility List

Date of Government Version: 07/01/2018  
Date Data Arrived at EDR: 07/24/2018  
Date Made Active in Reports: 08/20/2018  
Number of Days to Update: 27

Source: Amador County Environmental Health  
Telephone: 209-223-6439  
Last EDR Contact: 01/04/2019  
Next Scheduled EDR Contact: 03/18/2019  
Data Release Frequency: Varies

## BUTTE COUNTY:

### CUPA BUTTE: CUPA Facility Listing Cupa facility list.

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

Source: Public Health Department  
Telephone: 530-538-7149  
Last EDR Contact: 01/07/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: No Update Planned

## CALVERAS COUNTY:

### CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 10/31/2018  
Date Data Arrived at EDR: 12/04/2018  
Date Made Active in Reports: 12/12/2018  
Number of Days to Update: 8

Source: Calveras County Environmental Health  
Telephone: 209-754-6399  
Last EDR Contact: 12/21/2018  
Next Scheduled EDR Contact: 04/08/2019  
Data Release Frequency: Quarterly

## COLUSA COUNTY:

### CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 05/23/2018  
Date Data Arrived at EDR: 05/24/2018  
Date Made Active in Reports: 07/13/2018  
Number of Days to Update: 50

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 02/13/2019  
Next Scheduled EDR Contact: 05/20/2019  
Data Release Frequency: Semi-Annually

## CONTRA COSTA COUNTY:

### SL CONTRA COSTA: Site List

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

Date of Government Version: 11/26/2018  
Date Data Arrived at EDR: 11/30/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 46

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 01/28/2019  
Next Scheduled EDR Contact: 05/11/2019  
Data Release Frequency: Semi-Annually

## DEL NORTE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 08/16/2018  
Date Data Arrived at EDR: 11/06/2018  
Date Made Active in Reports: 11/14/2018  
Number of Days to Update: 8

Source: Del Norte County Environmental Health Division  
Telephone: 707-465-0426  
Last EDR Contact: 01/28/2019  
Next Scheduled EDR Contact: 05/11/2019  
Data Release Frequency: Varies

## EL DORADO COUNTY:

### CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 12/13/2018  
Date Data Arrived at EDR: 12/18/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 28

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 01/28/2019  
Next Scheduled EDR Contact: 05/11/2019  
Data Release Frequency: Varies

## FRESNO COUNTY:

### CUPA FRESNO: CUPA Resources List

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

Date of Government Version: 10/16/2018  
Date Data Arrived at EDR: 10/18/2018  
Date Made Active in Reports: 11/14/2018  
Number of Days to Update: 27

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 12/26/2018  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Semi-Annually

## GLENN COUNTY:

### CUPA GLENN: CUPA Facility List Cupa facility list

Date of Government Version: 01/22/2018  
Date Data Arrived at EDR: 01/24/2018  
Date Made Active in Reports: 03/14/2018  
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District  
Telephone: 830-934-6500  
Last EDR Contact: 01/17/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Varies

## HUMBOLDT COUNTY:

### CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 12/11/2018  
Date Data Arrived at EDR: 12/13/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 33

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 11/19/2018  
Next Scheduled EDR Contact: 03/04/2019  
Data Release Frequency: Semi-Annually

## IMPERIAL COUNTY:



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 10/22/2018  
Date Data Arrived at EDR: 10/25/2018  
Date Made Active in Reports: 11/14/2018  
Number of Days to Update: 20

Source: San Diego Border Field Office  
Telephone: 760-339-2777  
Last EDR Contact: 01/17/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Varies

## INYO COUNTY:

### CUPA INYO: CUPA Facility List Cupa facility list.

Date of Government Version: 04/02/2018  
Date Data Arrived at EDR: 04/03/2018  
Date Made Active in Reports: 06/14/2018  
Number of Days to Update: 32

Source: Inyo County Environmental Health Services  
Telephone: 760-878-0238  
Last EDR Contact: 02/13/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Varies

## KERN COUNTY:

### UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 11/02/2018  
Date Data Arrived at EDR: 11/07/2018  
Date Made Active in Reports: 12/14/2018  
Number of Days to Update: 37

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 01/31/2019  
Next Scheduled EDR Contact: 05/20/2019  
Data Release Frequency: Quarterly

## KINGS COUNTY:

### CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 11/21/2018  
Date Data Arrived at EDR: 11/27/2018  
Date Made Active in Reports: 12/12/2018  
Number of Days to Update: 15

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 02/13/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Varies

## LAKE COUNTY:

### CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 11/07/2018  
Date Data Arrived at EDR: 11/08/2018  
Date Made Active in Reports: 11/14/2018  
Number of Days to Update: 6

Source: Lake County Environmental Health  
Telephone: 707-263-1164  
Last EDR Contact: 01/14/2019  
Next Scheduled EDR Contact: 04/29/2019  
Data Release Frequency: Varies

## LASSEN COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 10/15/2018  
Date Data Arrived at EDR: 10/23/2018  
Date Made Active in Reports: 11/14/2018  
Number of Days to Update: 22

Source: Lassen County Environmental Health  
Telephone: 530-251-8528  
Last EDR Contact: 01/17/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Varies

## LOS ANGELES COUNTY:

### AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009  
Date Data Arrived at EDR: 03/31/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 206

Source: N/A  
Telephone: N/A  
Last EDR Contact: 12/12/2018  
Next Scheduled EDR Contact: 04/01/2019  
Data Release Frequency: No Update Planned

### HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/20/2018  
Date Data Arrived at EDR: 10/12/2018  
Date Made Active in Reports: 11/16/2018  
Number of Days to Update: 35

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 01/07/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Semi-Annually

### LF LOS ANGELES: List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/15/2018  
Date Data Arrived at EDR: 10/16/2018  
Date Made Active in Reports: 11/16/2018  
Number of Days to Update: 31

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 01/15/2019  
Next Scheduled EDR Contact: 04/29/2019  
Data Release Frequency: Varies

### LF LOS ANGELES CITY: City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2018  
Date Data Arrived at EDR: 05/01/2018  
Date Made Active in Reports: 05/14/2018  
Number of Days to Update: 13

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 01/15/2019  
Next Scheduled EDR Contact: 04/29/2019  
Data Release Frequency: Varies

### SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 07/01/2018  
Date Data Arrived at EDR: 10/16/2018  
Date Made Active in Reports: 11/16/2018  
Number of Days to Update: 31

Source: Community Health Services  
Telephone: 323-890-7806  
Last EDR Contact: 02/01/2019  
Next Scheduled EDR Contact: 04/29/2019  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 01/14/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/29/2019
	Data Release Frequency: Semi-Annually

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: 03/09/2017	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 03/10/2017	Telephone: 562-570-2563
Date Made Active in Reports: 05/03/2017	Last EDR Contact: 01/17/2019
Number of Days to Update: 54	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Annually

UST TORRANCE: City of Torrance Underground Storage Tank  
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/02/2018	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 10/05/2018	Telephone: 310-618-2973
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 01/17/2019
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 11/26/2018	Source: Madera County Environmental Health
Date Data Arrived at EDR: 11/27/2018	Telephone: 559-675-7823
Date Made Active in Reports: 12/12/2018	Last EDR Contact: 02/15/2019
Number of Days to Update: 15	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites  
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 01/14/2019
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List  
CUPA facility list.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/29/2018  
Date Data Arrived at EDR: 08/31/2018  
Date Made Active in Reports: 09/19/2018  
Number of Days to Update: 19

Source: Merced County Environmental Health  
Telephone: 209-381-1094  
Last EDR Contact: 02/13/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Varies

## MONO COUNTY:

CUPA MONO: CUPA Facility List  
CUPA Facility List

Date of Government Version: 12/07/2018  
Date Data Arrived at EDR: 12/11/2018  
Date Made Active in Reports: 01/24/2019  
Number of Days to Update: 44

Source: Mono County Health Department  
Telephone: 760-932-5580  
Last EDR Contact: 12/06/2018  
Next Scheduled EDR Contact: 03/11/2019  
Data Release Frequency: Varies

## MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing  
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/29/2018  
Date Data Arrived at EDR: 11/01/2018  
Date Made Active in Reports: 11/16/2018  
Number of Days to Update: 15

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 12/27/2018  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Varies

## NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination

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

Date of Government Version: 01/09/2017  
Date Data Arrived at EDR: 01/11/2017  
Date Made Active in Reports: 03/02/2017  
Number of Days to Update: 50

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 11/21/2018  
Next Scheduled EDR Contact: 03/11/2019  
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: 11/28/2018  
Date Data Arrived at EDR: 11/30/2018  
Date Made Active in Reports: 12/14/2018  
Number of Days to Update: 14

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 11/26/2018  
Next Scheduled EDR Contact: 03/11/2019  
Data Release Frequency: No Update Planned

## NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List  
CUPA facility list.

Date of Government Version: 11/06/2018  
Date Data Arrived at EDR: 11/08/2018  
Date Made Active in Reports: 11/14/2018  
Number of Days to Update: 6

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 01/28/2019  
Next Scheduled EDR Contact: 05/11/2019  
Data Release Frequency: Varies

## ORANGE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

IND\_SITE ORANGE: List of Industrial Site Cleanups  
Petroleum and non-petroleum spills.

Date of Government Version: 10/04/2018	Source: Health Care Agency
Date Data Arrived at EDR: 11/14/2018	Telephone: 714-834-3446
Date Made Active in Reports: 12/13/2018	Last EDR Contact: 02/04/2019
Number of Days to Update: 29	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups  
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 10/04/2018	Source: Health Care Agency
Date Data Arrived at EDR: 11/14/2018	Telephone: 714-834-3446
Date Made Active in Reports: 12/13/2018	Last EDR Contact: 02/04/2019
Number of Days to Update: 29	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities  
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 10/04/2018	Source: Health Care Agency
Date Data Arrived at EDR: 11/06/2018	Telephone: 714-834-3446
Date Made Active in Reports: 12/14/2018	Last EDR Contact: 02/05/2019
Number of Days to Update: 38	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities  
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 11/29/2018	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 12/04/2018	Telephone: 530-745-2363
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 11/29/2018
Number of Days to Update: 38	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List  
Plumas County CUPA Program facilities.

Date of Government Version: 07/19/2018	Source: Plumas County Environmental Health
Date Data Arrived at EDR: 07/25/2018	Telephone: 530-283-6355
Date Made Active in Reports: 09/05/2018	Last EDR Contact: 01/17/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites  
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/10/2018	Source: Department of Environmental Health
Date Data Arrived at EDR: 10/12/2018	Telephone: 951-358-5055
Date Made Active in Reports: 10/16/2018	Last EDR Contact: 12/17/2018
Number of Days to Update: 4	Next Scheduled EDR Contact: 04/01/2019
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/10/2018  
Date Data Arrived at EDR: 10/12/2018  
Date Made Active in Reports: 11/05/2018  
Number of Days to Update: 24

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 12/17/2018  
Next Scheduled EDR Contact: 04/01/2019  
Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

### CS SACRAMENTO: Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/03/2018  
Date Data Arrived at EDR: 10/02/2018  
Date Made Active in Reports: 11/01/2018  
Number of Days to Update: 30

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 01/04/2019  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Quarterly

### ML SACRAMENTO: Master Hazardous Materials Facility List

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

Date of Government Version: 08/23/2018  
Date Data Arrived at EDR: 10/02/2018  
Date Made Active in Reports: 11/02/2018  
Number of Days to Update: 31

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 12/28/2018  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Quarterly

## SAN BENITO COUNTY:

### CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 11/15/2018  
Date Data Arrived at EDR: 11/16/2018  
Date Made Active in Reports: 12/13/2018  
Number of Days to Update: 27

Source: San Benito County Environmental Health  
Telephone: N/A  
Last EDR Contact: 02/13/2019  
Next Scheduled EDR Contact: 05/20/2019  
Data Release Frequency: Varies

## SAN BERNARDINO COUNTY:

### PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/28/2018  
Date Data Arrived at EDR: 11/30/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 42

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 02/19/2019  
Next Scheduled EDR Contact: 05/20/2019  
Data Release Frequency: Quarterly

## SAN DIEGO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 12/03/2018  
Date Data Arrived at EDR: 12/05/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 37

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 12/05/2018  
Next Scheduled EDR Contact: 03/18/2019  
Data Release Frequency: Quarterly

## LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018  
Date Data Arrived at EDR: 04/24/2018  
Date Made Active in Reports: 06/19/2018  
Number of Days to Update: 56

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 01/17/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Varies

## SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 10/22/2018  
Date Data Arrived at EDR: 10/23/2018  
Date Made Active in Reports: 11/30/2018  
Number of Days to Update: 38

Source: Department of Environmental Health  
Telephone: 858-505-6874  
Last EDR Contact: 01/17/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Varies

## SAN DIEGO CO. SAM: Environmental Case Listing

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

Date of Government Version: 03/23/2010  
Date Data Arrived at EDR: 06/15/2010  
Date Made Active in Reports: 07/09/2010  
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health  
Telephone: 619-338-2371  
Last EDR Contact: 11/29/2018  
Next Scheduled EDR Contact: 03/18/2019  
Data Release Frequency: No Update Planned

## SAN FRANCISCO COUNTY:

### LUST SAN FRANCISCO: Local Oversight Facilities

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

Date of Government Version: 09/19/2008  
Date Data Arrived at EDR: 09/19/2008  
Date Made Active in Reports: 09/29/2008  
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920  
Last EDR Contact: 01/31/2019  
Next Scheduled EDR Contact: 05/20/2019  
Data Release Frequency: Quarterly

### UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/05/2018  
Date Data Arrived at EDR: 11/06/2018  
Date Made Active in Reports: 12/14/2018  
Number of Days to Update: 38

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 01/31/2019  
Next Scheduled EDR Contact: 05/20/2019  
Data Release Frequency: Quarterly

## SAN JOAQUIN COUNTY:

### UST SAN JOAQUIN: San Joaquin Co. UST

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

Date of Government Version: 06/22/2018  
Date Data Arrived at EDR: 06/26/2018  
Date Made Active in Reports: 07/11/2018  
Number of Days to Update: 15

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 12/12/2018  
Next Scheduled EDR Contact: 04/01/2019  
Data Release Frequency: Semi-Annually

## SAN LUIS OBISPO COUNTY:

### CUPA SAN LUIS OBISPO: CUPA Facility List Cupa Facility List.

Date of Government Version: 11/14/2018  
Date Data Arrived at EDR: 11/15/2018  
Date Made Active in Reports: 12/13/2018  
Number of Days to Update: 28

Source: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 02/13/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Varies

## SAN MATEO COUNTY:

### BI SAN MATEO: Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 12/03/2018  
Date Data Arrived at EDR: 12/12/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 34

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 12/12/2018  
Next Scheduled EDR Contact: 03/25/2019  
Data Release Frequency: Annually

### LUST SAN MATEO: Fuel Leak List

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

Date of Government Version: 12/13/2018  
Date Data Arrived at EDR: 12/18/2018  
Date Made Active in Reports: 01/23/2019  
Number of Days to Update: 36

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 09/10/2018  
Next Scheduled EDR Contact: 12/24/2018  
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: 02/13/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Varies

## SANTA CLARA COUNTY:



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA SANTA CLARA: Cupa Facility List Cupa facility list

Date of Government Version: 11/16/2018  
Date Data Arrived at EDR: 11/16/2018  
Date Made Active in Reports: 12/13/2018  
Number of Days to Update: 27

Source: Department of Environmental Health  
Telephone: 408-918-1973  
Last EDR Contact: 02/13/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Varies

## HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005  
Date Data Arrived at EDR: 03/30/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 22

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

## LUST SANTA CLARA: LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014  
Date Data Arrived at EDR: 03/05/2014  
Date Made Active in Reports: 03/18/2014  
Number of Days to Update: 13

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 11/21/2018  
Next Scheduled EDR Contact: 03/11/2019  
Data Release Frequency: Annually

## SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/01/2018  
Date Data Arrived at EDR: 11/06/2018  
Date Made Active in Reports: 12/14/2018  
Number of Days to Update: 38

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 01/31/2019  
Next Scheduled EDR Contact: 05/20/2019  
Data Release Frequency: Annually

## SANTA CRUZ COUNTY:

### CUPA SANTA CRUZ: CUPA Facility List CUPA facility listing.

Date of Government Version: 01/21/2017  
Date Data Arrived at EDR: 02/22/2017  
Date Made Active in Reports: 05/23/2017  
Number of Days to Update: 30

Source: Santa Cruz County Environmental Health  
Telephone: 831-464-2761  
Last EDR Contact: 02/13/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Varies

## SHASTA COUNTY:

### CUPA SHASTA: CUPA Facility List Cupa Facility List.

Date of Government Version: 06/15/2017  
Date Data Arrived at EDR: 06/19/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 51

Source: Shasta County Department of Resource Management  
Telephone: 530-225-5789  
Last EDR Contact: 02/13/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Varies

## SOLANO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST SOLANO: Leaking Underground Storage Tanks

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

Date of Government Version: 11/29/2018  
Date Data Arrived at EDR: 12/04/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 38

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 11/29/2018  
Next Scheduled EDR Contact: 03/18/2019  
Data Release Frequency: Quarterly

## UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2018  
Date Data Arrived at EDR: 12/04/2018  
Date Made Active in Reports: 12/14/2018  
Number of Days to Update: 10

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 11/29/2018  
Next Scheduled EDR Contact: 03/18/2019  
Data Release Frequency: Quarterly

## SONOMA COUNTY:

### CUPA SONOMA: Cupa Facility List

Cupa Facility list

Date of Government Version: 12/21/2018  
Date Data Arrived at EDR: 12/27/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 19

Source: County of Sonoma Fire & Emergency Services Department  
Telephone: 707-565-1174  
Last EDR Contact: 12/19/2018  
Next Scheduled EDR Contact: 04/08/2019  
Data Release Frequency: Varies

### LUST SONOMA: Leaking Underground Storage Tank Sites

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

Date of Government Version: 10/02/2018  
Date Data Arrived at EDR: 10/04/2018  
Date Made Active in Reports: 10/25/2018  
Number of Days to Update: 21

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 01/07/2019  
Next Scheduled EDR Contact: 04/08/2019  
Data Release Frequency: Quarterly

## STANISLAUS COUNTY:

### CUPA STANISLAUS: CUPA Facility List

Cupa facility list

Date of Government Version: 12/11/2018  
Date Data Arrived at EDR: 12/13/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 33

Source: Stanislaus County Department of Environmental Protection  
Telephone: 209-525-6751  
Last EDR Contact: 12/13/2018  
Next Scheduled EDR Contact: 04/29/2019  
Data Release Frequency: Varies

## SUTTER COUNTY:

### UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 09/18/2018  
Date Data Arrived at EDR: 09/20/2018  
Date Made Active in Reports: 10/25/2018  
Number of Days to Update: 35

Source: Sutter County Environmental Health Services  
Telephone: 530-822-7500  
Last EDR Contact: 11/29/2018  
Next Scheduled EDR Contact: 03/18/2019  
Data Release Frequency: Semi-Annually

## TEHAMA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA TEHAMA: CUPA Facility List Cupa facilities

Date of Government Version: 12/13/2018  
Date Data Arrived at EDR: 12/18/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 28

Source: Tehama County Department of Environmental Health  
Telephone: 530-527-8020  
Last EDR Contact: 01/31/2019  
Next Scheduled EDR Contact: 05/20/2019  
Data Release Frequency: Varies

## TRINITY COUNTY:

### CUPA TRINITY: CUPA Facility List Cupa facility list

Date of Government Version: 10/22/2018  
Date Data Arrived at EDR: 10/25/2018  
Date Made Active in Reports: 11/14/2018  
Number of Days to Update: 20

Source: Department of Toxic Substances Control  
Telephone: 760-352-0381  
Last EDR Contact: 01/17/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Varies

## TULARE COUNTY:

### CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 12/26/2018  
Date Data Arrived at EDR: 12/27/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 19

Source: Tulare County Environmental Health Services Division  
Telephone: 559-624-7400  
Last EDR Contact: 01/31/2019  
Next Scheduled EDR Contact: 05/20/2019  
Data Release Frequency: Varies

## TUOLUMNE COUNTY:

### CUPA TUOLUMNE: CUPA Facility List Cupa facility list

Date of Government Version: 04/23/2018  
Date Data Arrived at EDR: 04/25/2018  
Date Made Active in Reports: 06/25/2018  
Number of Days to Update: 61

Source: Divison of Environmental Health  
Telephone: 209-533-5633  
Last EDR Contact: 02/13/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Varies

## VENTURA COUNTY:

### BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/26/2018  
Date Data Arrived at EDR: 10/25/2018  
Date Made Active in Reports: 11/30/2018  
Number of Days to Update: 36

Source: Ventura County Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 01/22/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Quarterly

### LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/26/2018  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Annually

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: 02/07/2019  
Next Scheduled EDR Contact: 05/27/2019  
Data Release Frequency: Quarterly

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: 09/25/2018  
Date Data Arrived at EDR: 10/25/2018  
Date Made Active in Reports: 11/30/2018  
Number of Days to Update: 36

Source: Ventura County Resource Management Agency  
Telephone: 805-654-2813  
Last EDR Contact: 01/22/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/26/2018  
Date Data Arrived at EDR: 12/12/2018  
Date Made Active in Reports: 01/16/2019  
Number of Days to Update: 35

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 12/12/2018  
Next Scheduled EDR Contact: 03/25/2019  
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 12/26/2018  
Date Data Arrived at EDR: 01/03/2019  
Date Made Active in Reports: 01/16/2019  
Number of Days to Update: 13

Source: Yolo County Department of Health  
Telephone: 530-666-8646  
Last EDR Contact: 12/26/2018  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 11/05/2018  
Date Data Arrived at EDR: 11/07/2018  
Date Made Active in Reports: 11/14/2018  
Number of Days to Update: 7

Source: Yuba County Environmental Health Department  
Telephone: 530-749-7523  
Last EDR Contact: 01/28/2019  
Next Scheduled EDR Contact: 05/11/2019  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 11/12/2018	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 11/14/2018	Telephone: 860-424-3375
Date Made Active in Reports: 12/04/2018	Last EDR Contact: 02/12/2019
Number of Days to Update: 20	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: No Update Planned

### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/13/2018	Telephone: N/A
Date Made Active in Reports: 08/01/2018	Last EDR Contact: 01/07/2019
Number of Days to Update: 19	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Annually

### NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 01/01/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 01/30/2019	Telephone: 518-402-8651
Date Made Active in Reports: 02/14/2019	Last EDR Contact: 01/30/2019
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/11/2019
	Data Release Frequency: Quarterly

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/23/2018	Telephone: 717-783-8990
Date Made Active in Reports: 11/27/2018	Last EDR Contact: 01/11/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/29/2019
	Data Release Frequency: Annually

### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017	Source: Department of Environmental Management
Date Data Arrived at EDR: 02/23/2018	Telephone: 401-222-2797
Date Made Active in Reports: 04/09/2018	Last EDR Contact: 02/19/2019
Number of Days to Update: 45	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Annually

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/15/2018	Telephone: N/A
Date Made Active in Reports: 07/09/2018	Last EDR Contact: 12/07/2018
Number of Days to Update: 24	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Oil/Gas Pipelines

Source: PennWell Corporation  
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

### Electric Power Transmission Line Data

Source: PennWell Corporation  
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 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<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

SEMAS PROPERTY  
18TH AVENUE AND WEST LACEY BOULEVARD  
LEMOORE, CA 93245

### **TARGET PROPERTY COORDINATES**

Latitude (North):	36.324438 - 36° 19' 27.98"
Longitude (West):	119.77618 - 119° 46' 34.25"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	250783.1
UTM Y (Meters):	4023311.0
Elevation:	234 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	5619120 LEMOORE, 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).

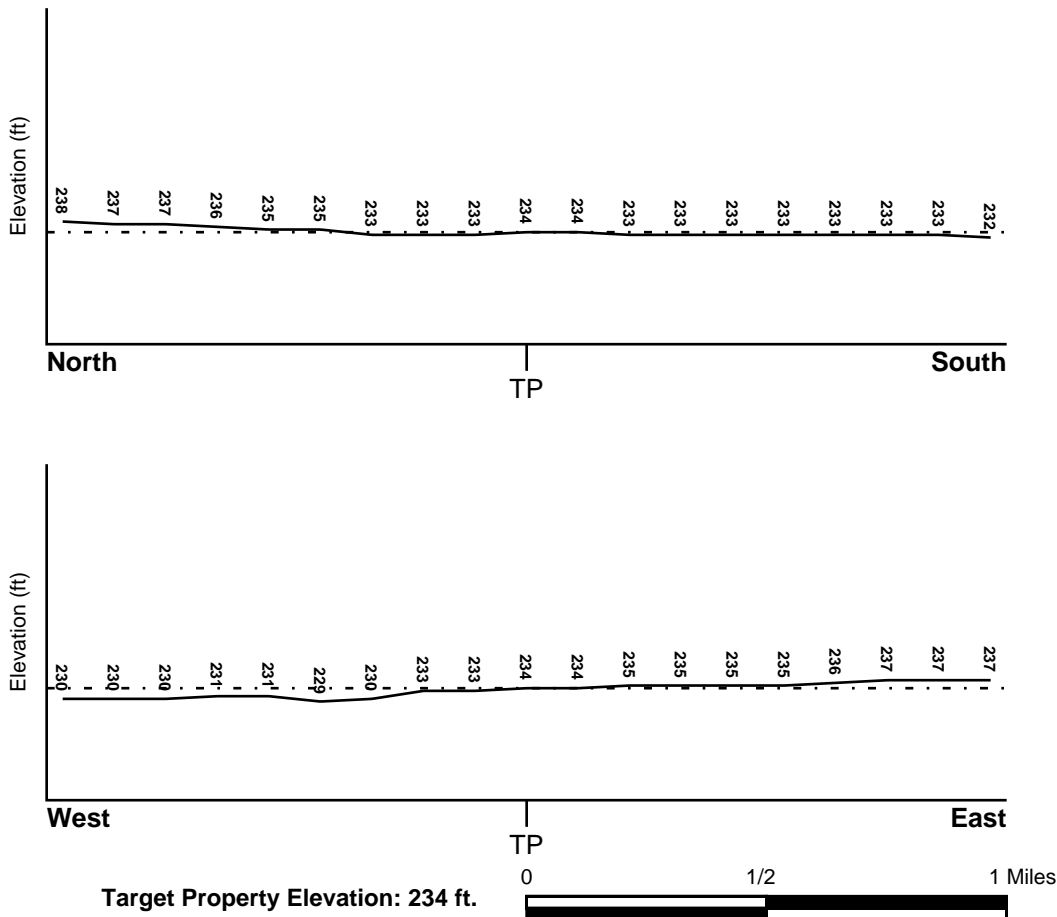
## TOPOGRAPHIC INFORMATION

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**

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06031C0160D	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06031C0170D	FEMA FIRM Flood data
0600860050B	FEMA Q3 Flood data
0600890001A	FEMA Q3 Flood data
06031C0167C	FEMA FIRM Flood data

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
LEMOORE	YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### ***Site-Specific Hydrogeological Data\*:***

Search Radius:	1.25 miles
Status:	Not found

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

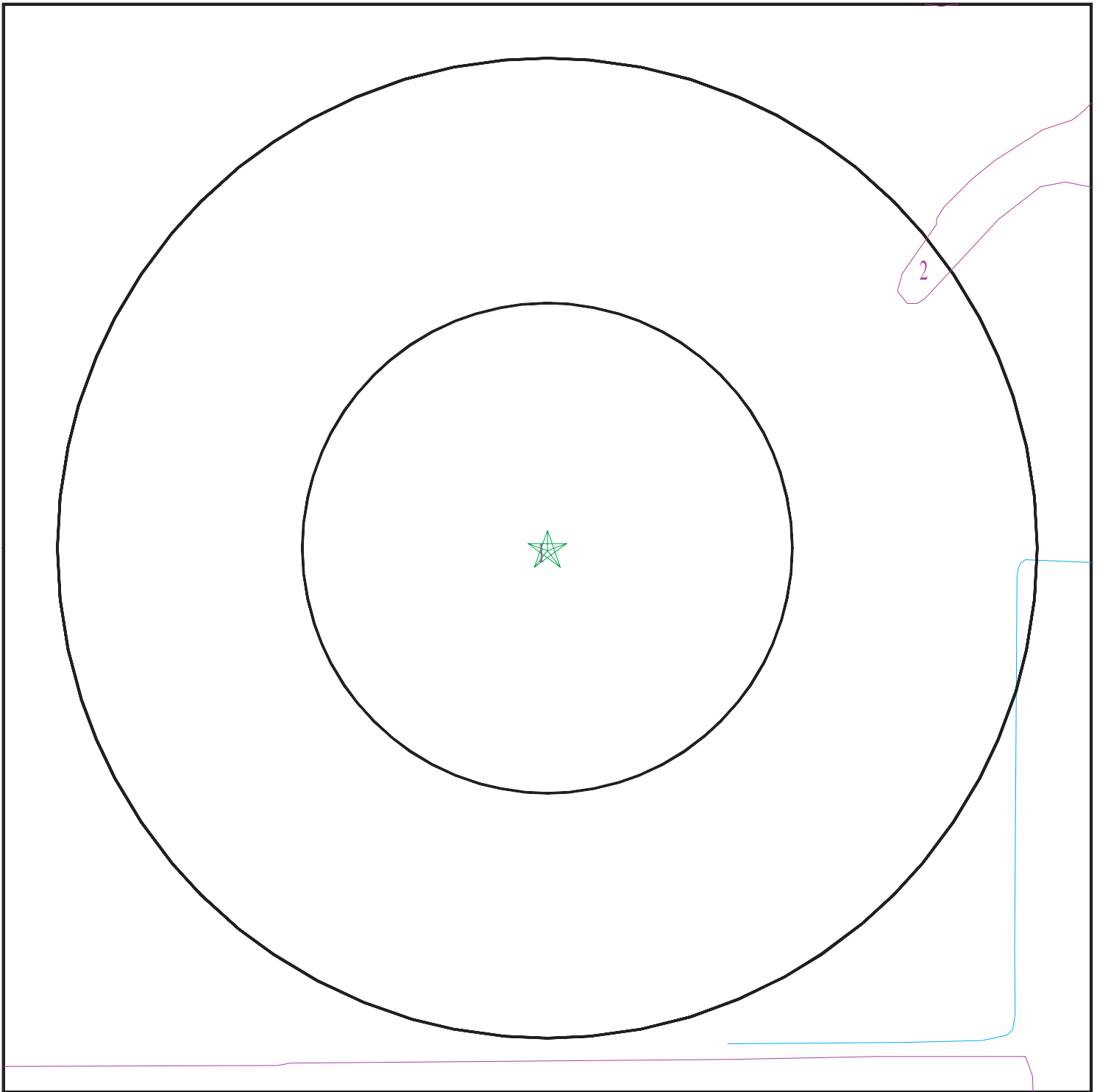
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q ( <i>decoded above as Era, System &amp; Series</i> )

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

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

# SSURGO SOIL MAP - 5566933.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Semas Property  
ADDRESS: 18th Avenue and West Lacey Boulevard  
LEMOORE CA 93245  
LAT/LONG: 36.324438 / 119.77618

CLIENT: Partner Engineering and Science, Inc.  
CONTACT: Colleen Tubridy  
INQUIRY #: 5566933.2s  
DATE: February 20, 2019 12:15 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

### Soil Map ID: 1

Soil Component Name:                   NORD

Soil Surface Texture:  
Hydrologic Group:                   Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:                   Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min:                > 0 inches

Depth to Watertable Min:            > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	18 inches		Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4
2	18 inches	72 inches		Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4

### Soil Map ID: 2

Soil Component Name:                   WHITEWOLF

Soil Surface Texture:  
Hydrologic Group:                   Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class:                   Somewhat excessively 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							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches		Not reported	Not reported	Max: 141 Min: 42	Max: 8.4 Min: 6.1
2	9 inches	59 inches		Not reported	Not reported	Max: 141 Min: 42	Max: 8.4 Min: 6.1

## LOCAL / REGIONAL WATER AGENCY RECORDS

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

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40000172187	1/4 - 1/2 Mile NW
2	USGS40000172273	1/4 - 1/2 Mile North
4	USGS40000172052	1/2 - 1 Mile SSW
5	USGS40000172035	1/2 - 1 Mile South
6	USGS40000172301	1/2 - 1 Mile NW

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

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

Note: PWS System location is not always the same as well location.

## **STATE DATABASE WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### STATE DATABASE WELL INFORMATION

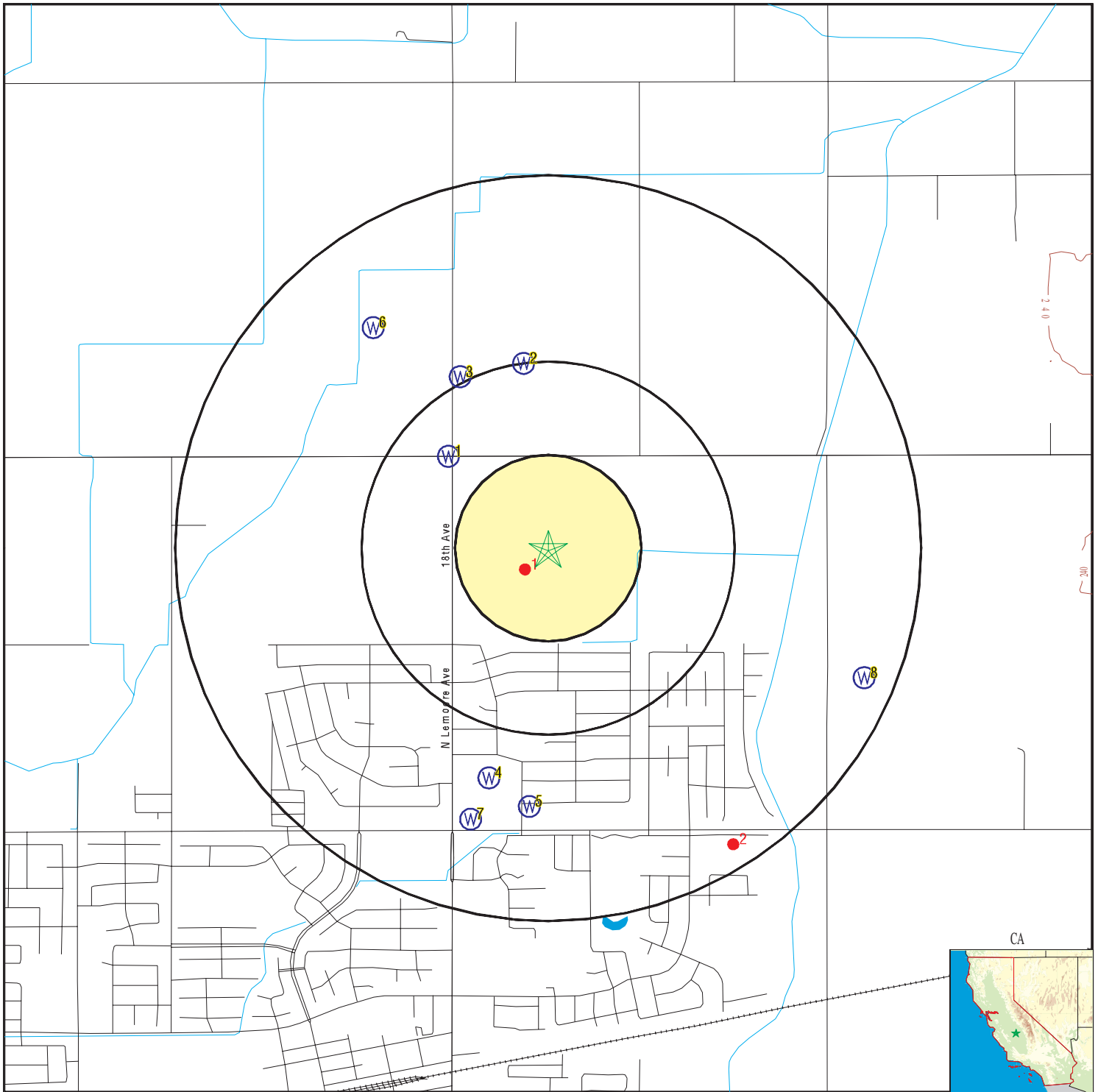
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
3	CADW60000025382	1/2 - 1 Mile NNW
7	CADW60000025386	1/2 - 1 Mile SSW
8	CADW6000002383	1/2 - 1 Mile ESE

### OTHER STATE DATABASE INFORMATION

### STATE OIL/GAS WELL INFORMATION

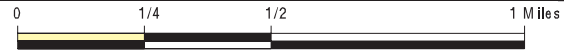
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CAOG11000277705	0 - 1/8 Mile SW
2	CAOG11000278271	1/2 - 1 Mile SSE

# PHYSICAL SETTING SOURCE MAP - 5566933.2s



- 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
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Semas Property  
 ADDRESS: 18th Avenue and West Lacey Boulevard  
 LEMOORE CA 93245  
 LAT/LONG: 36.324438 / 119.77618

CLIENT: Partner Engineering and Science, Inc.  
 CONTACT: Colleen Tubridy  
 INQUIRY #: 5566933.2s  
 DATE: February 20, 2019 12:15 pm



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**1**  
**NW**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000172187**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	018S020E34A001M	Type:	Well
Description:	TULARE BASIN DRAIN PROJECT		
HUC:	18030012	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported	Aquifer:	Central Valley aquifer system
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	12
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1989-05
Feet below surface:	11.4	Feet to sea level:	Not Reported
Note:	Not Reported		

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

**FED USGS      USGS40000172273**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	018S020E26N001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	19
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1961-05-03
Feet below surface:	11.70	Feet to sea level:	Not Reported
Note:	Not Reported		

**3**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADW60000025382**

Objectid:	25382	Latitude:	36.3311
Longitude:	-119.7804	Site code:	363311N1197804W001
State well numbe:	18S20E26N001M	Local well name:	"
Well use id:	6	Well use descrip:	Unknown
County id:	16	County name:	Kings
Basin code:	'5-22.12'	Basin desc:	Tulare Lake
Dwr region id:	80237	Dwr region:	South Central Region Office
Site id:	CADW60000025382		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**4**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000172052**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	018S020E34R001M	Type:	Well
Description:	Not Reported	HUC:	18030012
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:	19600101	Well Depth:	351
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**5**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000172035**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	018S020E35N001M	Type:	Well
Description:	Not Reported	HUC:	18030012
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:	19560101	Well Depth:	50
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1961-12-11
Feet below surface:	14.30	Feet to sea level:	Not Reported
Note:	Not Reported		

**6**  
**NW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000172301**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	018S020E27K002M	Type:	Well
Description:	Not Reported	HUC:	18030012
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:	19590101	Well Depth:	64
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**7**

**SSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADW60000025386**

Objectid:	25386	Latitude:	36.3139
Longitude:	-119.7799	Site code:	363139N1197799W001
State well numbe:	18S20E35N001M	Local well name:	"
Well use id:	6	Well use descrip:	Unknown
County id:	16	County name:	Kings
Basin code:	'5-22.12'	Basin desc:	Tulare Lake
Dwr region id:	80237	Dwr region:	South Central Region Office
Site id:	CADW60000025386		

**8**

**ESE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADW60000002383**

Objectid:	2383	Latitude:	36.3194
Longitude:	-119.761	Site code:	363194N1197610W001
State well numbe:	18S20E36M001M	Local well name:	'18S20E36M001M'
Well use id:	6	Well use descrip:	Unknown
County id:	16	County name:	Kings
Basin code:	'5-22.12'	Basin desc:	Tulare Lake
Dwr region id:	80237	Dwr region:	South Central Region Office
Site id:	CADW60000002383		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**1**  
**SW**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG11000277705**

Districtnu:	5	Apinumber:	03100583
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Richard S. Rheem, Operator	Countyname:	Kings
Fieldname:	Any Field	Areaname:	Any Area
Section:	35	Township:	18S
Range:	20E	Basemeridi:	MD
Elevation:	243 KB	Locationde:	Fr NW cor 1650 Sly 990 Ely
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Kreyenhagen	Wellnumber:	23-35
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	18-MAR-64
Welldeptha:	9090	Redrillfoo:	0
Abandonedd:	28-MAR-64	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000277705		

**2**  
**SSE**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000278271**

Districtnu:	5	Apinumber:	03120206
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Seaward Resources Inc.	Countyname:	Kings
Fieldname:	Any Field	Areaname:	Any Area
Section:	1	Township:	19S
Range:	20E	Basemeridi:	MD
Elevation:	Not Reported	Locationde:	Fr SW cor 660 Nly 660 Ely
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Myrick	Wellnumber:	1-1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12-FEB-81
Welldeptha:	9500	Redrillfoo:	0
Abandonedd:	28-FEB-81	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000278271		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
93245	8	1

Federal EPA Radon Zone for KINGS County: 3

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

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Federal Area Radon Information for Zip Code: 93245

Number of sites tested: 4

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.775 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

### 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<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

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

### STATSGO: State Soil Geographic Database

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

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

### SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

### STATE RECORDS

#### Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

#### California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

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

## OTHER STATE DATABASE INFORMATION

#### California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

#### California Earthquake Fault Lines

Source: California Division of Mines and Geology

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

### RADON

#### State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558

Radon Database for California

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

### OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

### STREET AND ADDRESS INFORMATION

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## **APPENDIX D: QUALIFICATIONS**

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## Education

Majored in English and Psychology, Point Loma Nazarene University, Point Loma, California

## Highlights

10 years in the property management and building construction field

7 years in the environmental engineering industry

Phase I Environmental Site Assessments

Environmental Desktop Reports

Construction Progress Monitoring

## Experience Summary

Ms. Amezcua has seven years of experience in the environmental industry and is a project scientist at Partner Engineering and Science, Inc. She has significant experience providing due diligence assessments for a variety of property types and exceeding the needs and requirements for a diverse number of reporting standards, including ASTM standards, EPA's All Appropriate Inquiry (AAI), and customized client formats for Phase I Environmental Site Assessments, Transaction Screen Assessments, Environmental Desktop Reports, Peer Reviews and Construction Progress Monitoring.

Ms. Amezcua has served as a project manager on jobs involving large development sites, dairies, gasoline stations, two local college districts, agricultural packing houses, trucking facilities, commercial, office, industrial, towing yards and agricultural properties of various kinds cataloging the presence of hazardous materials or petroleum products and has completed hundreds of complex historical industrial/commercial assessments throughout the Central Valley of California.

Ms. Amezcua has experience gathering historical research pertaining to each site, encompassing; review of historical aerial photographs, reverse street directories, building permits, planning records, topographical maps, Sanborn fire insurance maps, department of oil and gas maps, title information, geology and hydrology, soil type, groundwater depth, regulatory research, fire departments, state environmental agencies, federal environmental agencies, interviews and document review. Ms. Amezcua has led radon testing for apartment complexes, collected lead based paint and asbestos samples and made recommendations based on the findings. Ms. Amezcua also interviews tenants, owners, state/local regulators, and reviewed provided reports, as well as, formulating and crafting effective, persuasive arguments for conclusions reached utilizing multiple historical and current resources to document findings.

## Project Experience

*Highway 99 South, Selma, California-Proposed Hotel Property.* The subject property at the time of the assessment was observed to be a vacant graded parcel of land that was being assessed for the construction of a prospective hotel site. Review of historical aerial photographs identified a 1950s use that appeared to be a former travel trailer and camping site. Consultations with State and local regulatory agency records and interviews with persons knowledgeable of the site did not identify any known past uses of the property. Based on the inherent potential for onsite fueling due to the convenient location near to Highway 99, a Phase II recommendation was made for a geophysical survey that ultimately discovered previously unknown underground storage tanks (USTs) onsite. Analytical soil sampling and the removal of the USTs was conducted with the results returning non-detect for constituents of concern. The culmination of the two assessments conducted on the property indicated no further assessment was necessary.

*P Street Property Downtown Fresno, California.* A review of a regulatory agency data indicated a potential environmental concern. The subject property at the time of the assessment consisted of a vacant warehouse and a parking lot totaling 2.66 acres. Review of the City of Fresno Fire Department (CFFD) historical records identified the presence of a former 1,000-gallon fuel underground storage tank (UST) that was permitted on January 17, 1949. Subsequent documents indicate the removal and or abandonment of the UST in 1967. An inspection report dated in 1967 indicated an assessment utilizing a metal detecting instrument that did not find the former UST. No additional records pertaining to the UST were identified on file with the State or local regulatory agencies consulted during the course of the assessment. Based on the reported absence of the UST on the subject property during the metal detection investigation in 1967 and subsequent redevelopment of the subject property it was determined that the UST had most likely been removed. However, based on the absence of soil sampling and analysis during the tank removal activities or subsequent subsurface investigations of the UST, the UST was considered a recognized environmental condition. A Phase II subsurface investigation was conducted that identified three areas of subsurface anomalies that appeared to be a compilation of metallic objects rather than one singular object. Soil samples were tested by a State certified analytical laboratory that returned non-detect for constituents of concern in the former UST location that was identified in the CFFD records. The culmination of the two assessments conducted on the property indicated no further assessment was necessary.

*Musco Olive Company Property.* The assessment was comprised of review of several State and local regulatory agency data that indicated a number of potential environmental concerns. The subject property was observed to be occupied by Musco Olive Products Co. (Musco), as a commercial olive production facility with a 332,256 square foot building on 309 acres. Onsite operations consist of the storage, curing, brining, rinsing and canning of olives. Other subject property features include evaporation and irrigation ponds, and saline extraction forage crops. The site is regulated by the California Regional Water Quality Control Board (RWQCB), for surface impoundments which receive concentrated process water and spent lye solutions and the less concentrated process water system which is aerated and utilized to irrigate approximately 200+ acres of forage crop. Several onsite monitoring wells are monitored by the RWQCB for alkalinity, TSD, sodium, chloride, manganese and bicarbonate. A review of the RWQCB records indicated substantial compliance with the regulatory agency requirements. The site formerly operated four USTs that were reported in local regulatory agency records absent any indications of the specific use. Upon review of the records and interviews with the site contact, the USTs were identified as exclusively for the storage of vinegar and were determined as not a concern or an REC. Partner identified a California Division of Oil, Gas, and Geothermal Resources (DOGGR) Maps plugged oil well associated with the subject property abandoned October of 1993. According to the site contact, the injection well was not intended to be a gas or oil exploration well, but that the deep well was to be utilized to dispose of process water to the subsurface but that the ground was too dense to receive large amounts of water so the project was abandoned. Based on the review of the records, site observations and interviews with the site contact no recognized environmental concerns were identified and no further assessment appeared to be necessary.

*Large Dairy Operation, Bakersfield, California.* The subject property at the time of the assessment was utilized as a 320+ acre dairy and an agriculturally cultivated property. Consultations with State and local regulatory agency records, regulatory database review and interviews with persons knowledgeable of the site did not identify any initial concerns associated with the property. No RECs were identified at the time of the assessment, however large capacity fueling, equipment repairing and the storage of hazardous substances with staining on unpaved ground surfaces were identified onsite constituting an environmental

concern. It was determined that the farming practices appeared to be in substantial compliance with the regulatory agencies and a recommendation for secondary containment and removal of the stained soils was made. The result of the assessment of the property indicated no further assessment was necessary.

*Restaurant Site/Historical Gasoline Station, Lodi California.* The subject property at the time of the assessment was occupied by a fast food restaurant on a single parcel of land of 0.88 acres located to the west of State Route 99. No environmental concerns were identified during the review of State regulatory agency or the database report. However, a review of historical aerial photographs and the City of Lodi Building Department (CLBD) records identified a gasoline service station operated on the subject property from 1965 to 1986 with four 6,000-gallon gasoline underground storage tanks (USTs). No additional records related to the former gasoline service station including UST removals and/or subsurface investigations were found on file with the State or local regulatory agencies consulted during the course of this assessment. Experience with historical gasoline service stations indicates that full services which include fueling and automotive service/repair were commonly conducted with little to no regulatory oversight. These operations commonly utilize petroleum products, solvents, and other hazardous materials are commonly stored and utilized. Based on the historical presence of a gasoline service station on the subject property for at least 20 years coupled with the absence of previous subsurface investigations and UST removal documentation, the historical gasoline service station operations on the subject property was considered an REC. A Phase II ESA confirmed the removal of the former subsurface features and six soil borings returned non-detect for constituents of concern. The culmination of the two assessments conducted on the property indicated no further assessment was necessary.

**Contact**

samezcua@partneresi.com

## Education

B.A. Geography, California State University Fresno

## Training

OSHA 24-Hour Health and Safety Training

## Highlights

11 years of experience in environmental consulting  
Phase I Environmental Site Assessments (ESAs)  
Environmental Transaction Screens

## Experience Summary

Mr. Redding serves as a Project Manager for Partner Engineering and Science, Inc. (Partner), overseeing and managing all aspects of multi-scope projects including Phase I ESAs in accordance with EPA's All Appropriate Inquiry (AAI), Property Condition Assessments (PCAs), Zoning Reports, and Seismic Assessments.

Mr. Redding has over eleven years of project experience in the environmental consulting industry. Mr. Redding is familiar with all aspects of Due Diligence Property Assessments and the needs and requirements of a varied number of reporting standards, including ASTM E1527-13, EPA's All Appropriate Inquiry (AAI), The U.S. Small Business Administration (SBA), and customized client formats and scopes. Mr. Redding has performed and supervised over 1,000 ESAs and customized environmental assessments of a variety of properties including multi-family residential, hospitality, commercial office buildings, shopping centers, multi-tenant commercial complexes, industrial warehouses, manufacturing facilities, dry cleaning plants, gasoline service stations, automotive repair and body shops, medical facilities, food processing facilities, and agricultural properties.

## Project Experience

*Junior College Campus and Historical Military and Medical Hospital, Modesto, CA.* Mr. Redding prepared a Phase I ESA on a junior college campus in Modesto, the site of a historical World War II era military hospital and subsequent State-run hospital. Multiple recognized environmental conditions (RECs) were identified related to current and historical uses including vehicle and facilities maintenance, underground and aboveground fueling facilities, domestic wastewater treatment systems and septic systems, and asbestos and lead-based paint issues.

*2,500-Acre Agricultural Property, Maricopa, CA.* Mr. Redding prepared a Phase I ESA on a large agricultural property within an active oil and gas production area. Multiple RECs were identified related to oil and gas well development, oil and gas production, subsurface oil and gas pipelines, aboveground fuel storage, and agricultural chemical use, storage, and application.

*Printed Circuit Board Manufacturing Facility, Redwood City, CA.* Mr. Redding prepared a Phase I ESA on a printed circuit board manufacturing facility. Multiple RECs were identified related to electroplating, etching, silk screening, chemical storage, and hazardous waste generation, storage, and treatment operations.

## Joel Redding

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*10-Site Residential Portfolio, Central CA.* Managed a multi-million dollar acquisition project consisting of Phase ESAs of ten, large-acreage, rural agricultural properties throughout Central California for a residential developer. Duties included managing, performing, and reviewing Phase I ESAs.

*25-Site Grocery Chain Portfolio, OR and CA.* Managed a multi-million dollar rehabilitation financing project consisting of Phase I ESAs of 25 grocery store properties throughout the State of Oregon and Northern California. Duties included managing, performing, and reviewing Phase I ESAs.

*16-Site Multi-Family Residential Portfolio, FL.* Managed a multi-million dollar acquisition project consisting of 16, multi-story apartment buildings in Florida. Duties included managing and reviewing Phase I ESAs.

### Contact

jredding@partneresi.com

## **Education**

B.A., Environmental Analysis and Criminal Justice, University of California Irvine

## **Trainings**

ASTM Technical and Professional Training

Hazardous Materials Management Certificate Courses, University of California Irvine

## **Highlights**

25 years of experience in Real Estate Due Diligence/Consulting and Site Development Engineering

Prepared over 10,000 Phase I Environmental Site Assessments

Managed over 20,000 Phase I Environmental Site Assessments

Managed over 1,000 Phase II Subsurface Soil/Groundwater and Soil Gas Investigations, Asbestos, Lead, and Radon Screenings

Managed Several Class-A Equity Property Condition Assessments with Specialized Inspections, Seismic Evaluations, ALTA Surveys, Zoning, ADA Surveys and Pest Inspections

Managed Several Civil Engineering/Geotechnical Investigations of Commercial Development Projects, Construction Doc and Cost Reviews, Construction Progress Monitoring, and Energy Benchmarking

## **Experience Summary**

Mr. Taylor is a Principal and National Client Manager with significant experience in commercial real estate due diligence and site development engineering throughout the United States with specialized geographical experience in California and the Pacific West/Northwest. His responsibilities include full-phase site development and environmental consulting, national client management, multi-scope contract negotiation/execution, portfolio project management, and technical report quality control. Mr. Taylor's regional and national expertise compliments the wide variety of Partner projects and client types including national and local lending institutions, asset management/investment groups, commercial/retail developers, and commercial real estate professionals.

Mr. Taylor has 25 years of experience in national commercial real estate due diligence consulting including Phase I Environmental Site Assessments, Phase II Subsurface Soil/Soil Gas Investigations, Property Condition Assessments, Seismic Evaluations, Asbestos, Lead-Paint, and Radon Surveys, ALTA Surveys, Geotechnical Investigations, Civil Engineering, MEP Special Inspections, Energy Evaluations, and Construction Monitoring.

Mr. Taylor has assessed/managed over 20,000 commercial real estate transactions throughout his professional career including several multi-million dollar asset portfolios consisting of a 29-site commercial office property acquisition, two 1,200-site cellular tower transactions, a 215-site regional shopping center vacancy evaluation, a 25-site regional grocery-store chain environmental/survey evaluation, a 16-site multi-family apartment building acquisition, a 10-site residential development acquisition, and 5-site Class A multi-specialized-scope building acquisition inspection. These transactions have included some or all of Partner's core engineering due diligence services described above. Mr. Taylor routinely manages national asset/developer clients to evaluate the environmental and structural risks associated with commercial/industrial properties prior to acquisition. These risks may be associated with past hazardous materials use (i.e., gasoline stations, dry cleaners) which require historical research combined with subsurface evaluations to assess for contamination that could devalue the property or create a human

health concern to occupants or construction workers; evaluate for asbestos, lead-based paint, and radon to determine the need for abatement or venting systems; evaluate the structural integrity of the building and assess for seismic retrofit; evaluate the roof, mechanical, electrical, plumbing systems (i.e., elevators, HVAC systems, sewer); evaluate for American Disabilities Act (ADA) deficiencies (i.e., ramps, railings, access); survey the property boundaries (i.e., ALTA Surveys); evaluate the subsurface conditions for construction suitability (i.e., Geotechnical Investigations); Civil Engineering/Design, and energy studies of the site building to meet with current requirements and systems efficiencies.

### **Project Experience**

*National Quick-Serve Restaurant Chains.* Multiple National Quick-Serve Restaurant (QSR) Chain development projects (ongoing) which include Phase I Environmental Site Assessments, Asbestos Surveys, Geotechnical Investigations, ALTA Surveys, and Civil Design. Mr. Taylor manages/assists several QSR and commercial development companies with their site development due diligence engineering assessments. These projects require multiple scope management and coordination with architects, municipalities, water purveyors, and construction design/contractor entities. Mr. Taylor's due diligence engineering experience as well as Partner's responsiveness and expertise in national commercial real estate development engineering create successful developments and client satisfaction on an ongoing basis.

*Large Residential Development.* A \$50 million dollar residential development project including a Phase I Environmental Site Assessment, Phase II Subsurface Investigation, Site Remediation Investigation with State Regulatory Oversight, and a Civil Design (geotechnical investigations, surveys, grading design, civil plan, and permitting). Multiple engineering professionals completed state-directed remedial investigations and construction civil design for the large-scale residential development. The project required significant management/collaboration with the client and the state for completion. The development was successful and exemplified Mr. Taylor's due diligence engineering experience as well as Partner's responsiveness and expertise in commercial real estate evaluation and regulatory compliance.

*247-Unit Multi-Family Acquisition.* A \$42 million dollar acquisition project consisting of 53 multi-family residential buildings which included a Phase I Environmental Site Assessment, Property Condition Assessment, Seismic Evaluation, ALTA Survey, Zoning, and termite/pest inspections. Multiple engineering professionals were coordinated and dispatched to the project site including two pest inspecting contractors to complete due diligence assessments and cost studies associated with the acquisition. The acquisition was successful and exemplified Mr. Taylor's due diligence engineering experience as well as Partner's responsiveness and expertise in commercial real estate evaluation.

*Beverly Hills Country Club Renovation.* A \$12 million dollar renovation project which included a Phase I Environmental Site Assessment, Property Condition Assessment, Seismic Evaluation, ADA Survey, ALTA Survey and a comprehensive roof assessment. Multiple engineering professionals were coordinated and dispatched to the project site to complete due diligence assessments and cost studies associated with the planned renovation of the historic facility. The renovation was successful and exemplified Mr. Taylor's due diligence engineering experience as well as Partner's responsiveness and expertise in commercial real estate evaluation.

*Philadelphia Commercial Office Portfolio.* A \$186 million dollar acquisition project consisting of 29, multi-story commercial office buildings and included Phase I Environmental Site Assessments and Property



Condition Assessments with special inspections of HVAC systems, elevators, and roofing systems. Multiple inspectors were coordinated and dispatched to each site within a two-week report completion timeline. Special inspection findings and related repair costs were cross-calculated with generalist inspection reporting and incorporated into the Property Condition Assessment spreadsheets for client/lender review. The acquisition was successful and exemplified Mr. Taylor's project management and negotiation skills, coordination of several in-house engineering professionals and subcontracted elevator consultants as well as Partner's responsiveness and expertise of client/lender's expedited timeline.

*National Cellular Tower Portfolios.* Two multi-million dollar acquisition projects consisting of over 2,400 cellular towers located throughout the United States which included Phase I Environmental Site Assessments. Multiple national inspectors were dispatched to each mountain-top tower within each state. The inspections incorporated the use of guides and four-wheel drive vehicles (primarily Jeeps) to visually inspect each tower. The acquisition project was successful and exemplified Mr. Taylor's project management skills, coordination of dozens of national inspectors, quality control reviews, and responsiveness to client's timeline.

*Oregon Grocery Chain Portfolio.* A multi-million dollar rehabilitation financing project consisting of 25 grocery store properties throughout the State of Oregon and included Phase I Environmental Site Assessments and ALTA Surveys. Multiple inspectors were dispatched to each site within a two-week turnaround. The financing project was successful and the project exemplified Mr. Taylor's negotiation/client management skills, coordination of inspections, quality control and completion of timely reports as well as the responsiveness and professional acumen of Partner's Engineering Team.

### **Affiliations**

ASTM Member No. 000216930  
Environmental Bankers Association  
Risk Management Association, Director, Fresno, CA  
Northwest Environmental Business Council

### **Speaking**

*"Commercial Due Diligence 101", Northwest Environmental Business Council, Northwest Environmental Conference and Tradeshow, Portland, OR.* Commercial Real Estate Risks and Assessments

*"Regulations in Lending", Risk Management Association, Fresno, CA.* Risk Tolerance and Environmental Regulation for Commercial Bankers

*"Water in the Central Valley", Risk Management Association, Fresno, CA.* Contaminated Sites and Environmental Remediation of Commercial Properties

### **Contact**

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