Appendix G:
Hazards and Hazardous Materials Supporting Information

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G.1 - Phase I Environmental Site Assessment, 2006

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MODIFIED PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

SAND CREEK RANCH ACTIVE ADULT COMMUNITY

ANTIOCH, CALIFORNIA

SUBMITTED

TO

SHEA HOMES

LIVERMORE, CALIFORNIA

PREPARED

BY

ENGEO INCORPORATED

PROJECT NO. 4371.4.051.01

JULY 7, 2006

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ENGEO INCORPORATED

GEOTECHNICAL
ENVIRONMENTAL
WATER RESOURCES
CONSTRUCTION SERVICES

Project No.
4371.4.051.01

July 7, 2006

Mr. Randy Bauer
Shea Homes, Inc.
8800 North Gainey Center Drive, Suite 370
Scottsdale, AZ 85258

Subject: Sand Creek Ranch Active Adult Community
Antioch, California

MODIFIED PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Dear Mr. Bauer:

ENGEO Incorporated is pleased to present our Modified Phase One Environmental Site Assessment of the subject site located in Antioch, California. The attached report includes a description of the site assessment activities, along with ENGEO's findings regarding the Property.

We are pleased to be of service to you on this project. If you have any questions concerning the contents of our report, please contact us.

Very truly yours,

ENGEO INCORPORATED

Richard Gandolfo

for Jason Preece, PG

rg/jp/jb:modesaupdate

Reviewed by:

Brian Flaherty, PG, REA

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1.0 INTRODUCTION

Shea Homes, Inc. retained ENGEO Incorporated (ENGEO) to perform a modified phase one environmental site assessment (ESA) of an approximately 973-acre site located north and east of Empire Mine Road and west of Deer Valley Road in Antioch, California (herein referred to as the "Property"). The Property is located in Contra Costa County. This modified phase one ESA includes both a work scope prepared in accordance with ASTM 1527-00 and media sampling services generally recognized as phase two ESA activities. The media sampling activities included the collection and laboratory analysis of 18 soil samples and one groundwater sample to evaluate the potential for petroleum hydrocarbon and nitrate releases on Property.

1.1 Executive Summary of Findings

The Property is identified as Assessor's Parcel Numbers (APN) 057-010-001, 057-010-002, 057-010-003, 057-010-004, 057-021-003 and 057-060-006. The Property is in an area of rounded hills and valleys that drain to Sand Creek. Structures are located on the western portion APN 057-060-006 as well as the middle portion of APN 057-021-003. The subject site was also mined for coal and sand in the 1800's and early 1900's. The Teutonia and Israel Mines are known to have existed on the western portion of APN 057-060-006.

A review of aerial photographs and historical database research found that portions of the Property, at various times, have been used for a mining settlement, a cattle feed lot, orchards, cattle grazing and an petroleum pipeline easement.

Given the past agricultural use of the Property (e.g., feed lot, concentrated livestock holding and farming), soil and groundwater sampling and laboratory analysis was performed. Results of the environmental sampling and laboratory testing did not indicate the Property has been significantly impacted from this past use.

An underground fuel storage tank (UST) is apparently located adjacent to the feed lot buildings on APN 057-060-006. The existence of this tank could not be adequately investigated given the contracted scope of services for this assessment. The likelihood of the UST has been confirmed by the presence of a fuel pump on the southwest corner of the main process building on this parcel. Therefore, due to the uncertainty of the tank's condition and the propensity for USTs to result in the release of petroleum hydrocarbons to the soil and/or groundwater, the UST is considered a recognized environmental condition (REC) and should be investigated further.

One, apparently inactive, northwest-trending, petroleum product pipeline crosses the western portion of APN 057-021-003 and the northeastern portion of APN 057-010-003. Environmental sampling along the pipeline was not included in the original scope of services for this assessment. Our experience on other sites in the area has revealed petroleum hydrocarbon releases associated with these type of pipelines, regardless of their current status (e.g., operational or abandoned). Although the pipeline operator may be responsible for cleanup of any potential petroleum releases, it is our experience that such releases can become a nuisance with respect to site development; therefore, the pipeline is considered a REC and we recommend further subsurface exploration along the pipeline easement to better understand the potential impacts to the site soil.

ENGEO Incorporated has performed this modified Phase One Environmental Site Assessment in general conformance with the scope and limitations of American Society for Testing and Materials (ASTM) Standard Practice E 1527-00. Based on the findings of the assessment, two RECs are identified on the Property.

2.0 PURPOSE AND SCOPE

2.1 Purpose of Phase One Environmental Site Assessment

The purpose of this Modified Phase One Environmental Site Assessment is to identify recognized environmental conditions associated with the Property. As defined in the ASTM Standard Practice E 1527-00, a Recognized Environmental Condition (REC) is "the presence or likely presence of any hazardous substances or petroleum products on a Property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the Property or into the ground, groundwater, or surface water of the Property".

2.2 Scope of Services

The scope of services performed included the following:

- A review of publicly available and practically reviewable standard local, state and federal environmental record sources.
- A review of publicly available and practically reviewable standard historical sources, aerial photographs, fire insurance maps and physical setting sources.
- A reconnaissance of the Property to review site use and current conditions. The reconnaissance was conducted to check for the storage, use, production or disposal of hazardous or potentially hazardous materials.
- Collection of 18 soil samples and one groundwater sample for laboratory analysis.
- Preparation of this report with our findings and conclusions.

2.3 Significant Assumptions

The following significant assumption was made during preparation of this report as well as the opinions and conclusions contained herein:

- Regional groundwater flow follows the topographical gradient in the vicinity of the Property.

2.4 Limitations and Exceptions of Assessment

The professional staff at ENGEO Incorporated strives to perform its services in a proper and professional manner with reasonable care and competence but is not infallible. The recommendations and conclusions presented in this report were based on the findings of our study, which were developed solely from the contracted services. The findings of the report are based in part on contracted database research, out-of-house reports and personal communications. ENGEO Incorporated assumes no liability for the validity of the materials relied upon in the preparation of this report.

This document must not be subject to unauthorized reuse; that is, reuse without written authorization of ENGEO Incorporated. Such authorization is essential because it requires ENGEO to evaluate the document's applicability given new circumstances, not the least of which is passage of time. The findings from a phase one environmental site assessment are typically valid for 180 days after completion of the report, particularly with regard to the regulatory database files. In some instances the shelf life of the report can be less.

2.5 Special Terms and Conditions

ENGEO Incorporated has prepared this report for the exclusive use of our client, Shea Homes, Inc. It is recognized and agreed that ENGEO has assumed responsibility only for undertaking the study

for the client. The responsibility for disclosures or reports to a third party and for remedial or mitigative action shall be solely that of the Client.

The field services completed at the site were performed to assess specific soil conditions at the points of collection. The laboratory analyses are not intended to consider concentrations of other organic or inorganic substances which were not reported. The assessment did not include an asbestos survey, an evaluation of lead-based paint, an inspection of light ballasts for PCBs, or a mold survey.

This report is based upon field and other conditions discovered at the time of ENGEO's work. Visual observations referenced in this report are intended only to represent site conditions at the time of the site visit. ENGEO would not be aware of site contamination, such as dumping and/or accidental spillage that occurred subsequent to the site reconnaissance conducted by ENGEO personnel.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The Property consists of approximately 973 acres located north and east of Empire Mine Road and west of Deer Valley Road in Antioch, California, as shown on the Vicinity Map (Figure 1). The Property includes Assessor Parcel Numbers (APN) 057-010-001, 057-010-002, 057-010-003, 057-010-004, 057-021-003 and 057-060-006 (Figure 2).

3.2 Site and Vicinity Characteristics

The Property is generally characterized by open, rolling, grass-covered hills with scattered trees and a relatively flat grass-covered valley with Sand Creek cutting across it from west to east. Natural slope gradients range from a slight eastward slope on the floor of Lone Tree Valley, in the northern portion of the Property, to 1:1 (horizontal:vertical) slopes in isolated ridge-top areas in the northernmost, central and southern portions of the Property. Where Sand Creek cuts across the Property, slopes are nearly vertical from the main valley down to the creek bottom. Total relief on the Property is approximately 250 feet, ranging from approximately 225 feet above mean sea level at the northeastern most corner of the valley floor to approximately 475 feet at the highest location (Figure 3). Drainage from the Property is generally toward Sand Creek. Vegetation on the Property primarily consists of various native trees and wild grasses growing. Barbed-wire fencing surrounds and runs throughout the Property.

The Property is bounded by Deer Valley Road and vacant fields with light industrial use to the east, existing residential development to the north, and Empire Mine Road to the south and west. A small portion of the Property crosses Empire Mine Road in the Southwest corner. At APN 057-021-003, there is a mobile home, two large barns, and some sheds. At APN 057-060-006, there are two foundations, feed lots, approximately six abandoned buildings

and grain production silos related to the former feed-lot. There is one ranch-style complex of buildings located on APN 057-010-004. A gravel road leading up to the ranch is accessed from Deer Valley Road. The buildings consist of a mobile home, two large barns, and three storage sheds. Additional structures are located on the southern portion of the Property in the area of the former feed lot. In this area there are currently two large open-sided barn structures, and multiple small foundations (former residences) and abandoned buildings which remain from feed lot-related activities.

3.3 Current and Past Use of Property/Description of Site Improvements

The Property is currently being used as a personal residence and for cattle grazing. During the l800s and early 1900s, the western portion of the Property at APN 057-060-06 had been used for mining, and an associated settlement known as "Judsonville" once existed in APN 057-010-002, east of Empire Mine Road. The remains of this town include a wind mill, and various water tanks. In the mid to late 1900s, orchards were planted in the northwestern portion of APN 057-010-003 and the central portion of APN 057-021-003. A commercial cattle feed lot operated on APN 057-060-006 during the middle portion of the 1900s.

3.4 Current and Past Use of Adjoining Properties

Sand Creek Ranch is bounded by a public golf course to the south, residential neighborhoods to the north, open-grazing land to the west and light industrial and open land to the east. Past use of the adjoining properties included various mining facilities and settlements, along with the Empire Railroad that ran along the west side of Empire Mine Road and turned west at the "Judsonville" settlement. Other uses mainly included orchards and cattle-grazing.

4.0 RECORDS REVIEW

4.1 Historical Record Sources

The purpose of the historical record review is to develop a history of the previous uses or occupancies of the Property and surrounding area in order to identify those uses or occupancies that are likely to have led to recognized environmental conditions on the Property.

4.1.1 Historical Topographic Maps

USGS 7.5' Topographic Maps were reviewed to determine if discernible changes in topography or improvements pertaining to the Property had been recorded. Maps reviewed included the USGS 7.5' South Antioch Quadrangle maps dated 1953, 1968, 1973, and 1980. Also included are the USGS 15' Mt. Diablo Quadrangle maps dated 1912 and 1947, as well as the USGS 7.5' Lone Tree Quadrangle map dated 1916. The features observed within each of the maps are summarized below.

1912 - The 1912 map shows the Property as mainly undeveloped. Nine buildings are shown in the area of a former mining camp referred to as "Judsonville", which was located in the southwestern corner of APN 057-010-002. Judsonville was also located at the southeastern portion of the former Empire Railroad alignment, which ran through the western end of APN 057-010-002 and east of an unnamed road that roughly parallels the present day Empire Mine Road. An unnamed road also runs north-south east of the eastern boundary of the Property along present day Deer Valley Road. A creek is shown running east-west through the area of present day Sand Creek and an unnamed creek runs through the southern portion of the Property. Two dirt roads run east-west, cutting north through the hills. A dirt road also runs east-west in the southern portion. Both roads connect present day Empire Mine Road and

Deer Valley Road. One building is shown just south of the southernmost unnamed dirt road, at the approximate east end of the present day feed lot livestock pens on APN 057-060-006.

1916 – The 1916 map shows a dirt road running east-west across the northern half of the Property (APN 057-010-002 and 057-021-003). A building is visible on this road in the center of APN 057-021-003, at the location of the present-day ranch buildings on that parcel, and at the former Judsonville site. There is also a building mapped on APN 057-060-006 at the same location mapped in 1912. Given the short time frame between the 1912 and 1916 maps, it is likely that the Property had no real changes in that time period and the maps may have differences by virtue of the mapping scales used and the level of detail given.

1947 – The 1947 map no longer depicts the former Judsonville site. One additional building is mapped south of the present-day ranch buildings on APN 057-021-003 and adjacent to Sand Creek.

1953 – The 1953 map depicts a small orchard (e.g., approximately 15 acres) in the northeastern corner of APN 057-010-003 of the Property. The building adjacent to Sand Creek on APN 057-021-003 shown on the 1947 map is not mapped on the 1953 map. An additional barn structure is mapped at the location of the present-day ranch buildings on APN 057-021-003.

1968 – The 1968 map shows that the east-west dirt road off of Deer Valley Road has been extended. The barn is no longer shown and a residence is mapped where the barn used to be located (may be a cartographic difference since an old barn is currently situated at this approximate location). A building is now shown in the southwest corner of APN 057-021-003, south of Sand Creek. The dirt road off of Empire Mine Road has been extended east and forks along the location of the present-day livestock pens on APN 057-060-006. Eight structures are now shown along this dirt road. The small orchard located on APN 057-010-003 in the north-central portion of the Property on the 1953 map is not shown on the 1968 map.

1973 – The 1973 map shows one residence on APN 057-021-003 at the end of the dirt road running west into the Property off of Deer Valley Road. A large pond is mapped in the northeastern portion of APN 057-010-004. Four more residences are mapped in the vicinity of the dirt road off of Empire Mine Road (present day feed-lot location) along with three large structures elongated in an east-west direction. Two elongated water bodies are mapped in an east-west direction in the south-central portion of APN 057-060-006, just north of the unnamed creek in Horse Valley. The small orchard in the northeastern corner of APN 057-010-003 that was shown on the 1953 map but not on the 1968 map is now shown on the 1973 map suggesting that it may have just not been shown on the 1968 map due to differences in cartography or the aerial photographs from which the maps were based.

1980 – The 1980 map shows two more apparent residences on APN 057-021-002, along the dirt road off of Deer Valley Road. A small pond is now shown between the hills, south of the large pond mapped in 1973 in the northeast corner of APN 057-010-004. In the southern portion of the Property, fewer buildings are shown on APN 057-060-006 and two different buildings are added at a location closer to Empire Mine Road where the present-day feed lot is located. In addition, the southern most elongated building at the feed-lot location is no longer mapped. Another small north-south trending pond is mapped north of the unnamed creek in Horse Valley.

4.1.2 Chain of Title/Ownership

Recorded land titles detail ownership fees, leases, land contracts, easements, liens, deficiencies, and other encumbrances attached to or recorded against a subject property. However, laws and regulations pertaining to land trusts vary from state to state and the detail of information presented in a Title Report can vary greatly by jurisdiction. As a result, ENGEO Incorporated utilizes a Title Report, when obtained, as a supplement to other historical record sources. A preliminary title report (Appendix B) was available for review

during our site assessment activities which indicated the current owners of the Property are vested as follows:

Shea Homes Limited Partnership, a California limited partnership, as to 50 percent interest and Topaz Creek Investors LLC, a ltd. liability co. as to 50 percent interest, as to Parcels One, Two & Three and Oak Hill Park Company, a California corporation, as to Parcels Four through Eight.

4.1.3 Fire Insurance Maps

Environmental Data Resources, Inc. (EDR) prepared a Sanborn Fire insurance map search for the Property and surrounding properties. EDR did not locate fire insurance maps showing the Property and surrounding parcels.

4.1.4 Aerial Photographs

Aerial photographs, dated 1939, 1958, 1965 1982, 1993, and 1998 provided by EDR, were reviewed for information regarding past conditions and land use at the subject site and in the immediate vicinity. The following summarizes our findings from the photograph review.

1939 Photograph – A small (20 acres), juvenile orchard is visible in the north-central portion of APN 057-060-006 with several buildings including a barn just to the south of the orchard (i.e., approximately 1,000 feet southeast of where Empire Mine Road turns northwest). Another small, triangular-shaped orchard is visible south of two structures located on APN 057-021-002, which is close to the location of the present-day ranch buildings on that parcel. Most of the northern half of the Property is visible as open rangeland and dry hay farming. A buried oil pipeline is apparent as a northwest-trending line across the western end

of APN 057-021-003 and the eastern end of APN 057-010-003. At two locations, this pipeline is exposed at creek or ravine crossings.

1958 Photograph – A juvenile orchard is visible in the northeast corner of APN 057-010-003 similar to the USGS topographic mapping. The buildings and orchard visible on APN 057-060-006 in 1939 are mostly removed with the exception of one or two small buildings. In addition, several pens have been constructed just northeast of this area along with an approximate 700-foot-long, low, east-west trending trough and a 400-foot-long hillside cut that may have been a livestock feeding arrangement. The small orchard on APN 057-021-002 appears dead and the buildings in that area are still visible. The remainder of the Property appears unfarmed and used for cattle range. The oil pipeline location is still visible.

1965 Photograph – The area of buildings on APN 057-060-006 appears further developed with additional structures, a pond, and an extended livestock pens. Erosion from these pen areas is visible with sedimentation in several swales to the south (down-slope direction). The orchard in the northeast corner of APN 057-010-003 is still evident. The remainder of the Property appears unfarmed and used for cattle range. The oil pipeline location is still visible.

1982 Photograph – Two large sheds/barns have been constructed consistent with the present-day structures on APN 057-060-006. Three ponds appear to the south of the livestock pens on the same parcel and one, north-south trending ditch/pond has been added to the south of the unnamed creek. The remnants of the orchards on APN 057-010-0023 and APN 057-021-003 are only slightly evident. Conditions otherwise appear to be similar to those visible in the 1965 photograph. The oil pipeline location is still visible.

1993 Photograph - The larger of the two ponds south of Sand Creek is no longer visible. Residential construction is visible to the northeast of the Property. Conditions otherwise appear to be similar to those visible in the 1982 photograph.

1998 Photograph – Some of the structures are no longer present in the southern portion. Residential housing and construction is visible to the northwest and northeast of the Property. Conditions otherwise appear to be similar to those visible in the 1993 photograph.

4.2 Environmental Record Sources

Environmental Data Resources Inc. (EDR) performed a search of local, state and federal agency databases regarding the Property and known contaminated sites in the immediate vicinity. The EDR reported one environmental database site within ½-mile of the Property. A summary of the EDR findings is presented below.

4.2.1 Federal Record Sources

4.2.1.1 Subject Property

The Property is not listed on Federal ASTM Standard or supplemental databases.

4.2.1.2 Other Properties

One site was identified within appropriate ASTM distance search criteria for Federal ASTM Standard or supplemental databases, as follows:

- FINDS – Facility Index System/Facility Identification Initiative Program Summary Report – FINDS contains both facility information and "pointers" to other sources that contain more detailed information.

Lower Elevation

BBS Trucking *2469 Mammoth Way, Antioch, CA 94531*

- RCRAInfo – 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. RCRAInfo replaces the Resource Conservation and Recovery Information System (RCRIS).

  RCRA-SQG – Small Quantity Generator.

  Lower Elevation

  BBS Trucking *2469 Mammoth Way, Antioch, CA 94531*

  BBS Trucking is located in the residential neighborhood north of the Property and it appears unlikely that this site could affect the Property.

4.2.2 State Record Sources

4.2.2.1 Subject Property

The Property is not listed on State and Local ASTM Standard or supplemental databases.

4.2.2.2 Other Properties

Properties within appropriate ASTM distance search criteria are not identified on State and Local ASTM Standard or supplemental databases.

4.2.3 Local Record Sources

There are no databases for Contra Costa County available to EDR for review.

4.2.4 Orphan Site Summary

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

- Unimin Corporation, Camino Diablo Rd, Contra Costa County (CHMIRS, EMI)
- Blue Goose Properties, 380 HWY 4 S, Brentwood (LUST, Cortese)
- Santa Fe Pacific Pipeline Partners, Brentwood (CERC-NFRAP)
- Dow Chemical Co., Marsh Creek Dehydration Station, Brentwood (SLIC, HIST, UST)
- Kaiser Foundation Hospital, 5601 Deer Valley Rd., (HAZNET, Contra Costa Co. Site List)
- OXY-PREWETT BRENTWOOD OIL & GAS FIELD, Feather Way, Antioch, (SLIC)
- Decker Island Sand Harvesting, Horse Shoe Bend Sac River, Antioch, (CA WDS)

Based on the location description for these unmapped EDR sites, none of the sites appear to be located in the vicinity of the Property.

5.0 SITE RECONNAISSANCE

5.1 Methodology

ENGEO conducted a reconnaissance of the Property on April 5, 2006, and April 6, 2006. The Property was viewed for hazardous materials storage, surface staining or discoloration, debris, stressed vegetation, or other conditions that may be indicative of potential sources of soil or groundwater contamination. The Property was also inspected for fill/ventilation pipes, ground subsidence, or other evidence of existing or preexisting underground storage tanks. Photographs taken during the reconnaissance are presented as an attachment.

5.2 General Site Setting

The Sand Creek Ranch Property is generally characterized by open, rolling, grass-covered hills with scattered trees and a relatively flat grass-covered valley with Sand Creek cutting across it from west to east. Natural slope gradients range from essentially flat on the valley floor, in the northern and portion of the Property, to 1:1 (horizontal:vertical) in isolated ridge-top areas in the northernmost, central and southern portions of the Property. Drainage from the Property is generally toward Sand Creek. Vegetation primarily consists of various native trees and wild grasses growing across the Property.

The majority of the Property is currently being used for cattle grazing and is surrounded with fencing. There is one active residence located on APN 057-021-003. A gravel road leading up to the residence is accessed by Deer Valley Road. The residence consists of a mobile home, two large barns, and three storage sheds. Additional structures are located on the southern portion of the Property in the area of the former feed lot. In this area there are currently two large open-sided barn structures, multiple small foundations and abandoned buildings which remain from past houses, storage sheds, cattle pens and feed lot-related structures. The feed-lot related

structures include several grain silos, conveyor systems, a molasses storage tank, mechanical mixing equipment, electrical motors, a boiler room and steam conveyance piping. There appear to be no remnants from Judsonville, the former mining camp that once existed near the western Property boundary and Empire Mine Road.

Evidence of a buried northwest-trending petroleum pipeline was noted at the western end of APN 057-021-003 during the reconnaissance by the line's exposure in a narrow ravine adjacent to Sand Creek and immediately west of the ranch buildings on that parcel. The existence of the pipeline is further collaborated by tonal variations on the historical aerial photographs as discussed in Section 4.1.4.

5.3 Exterior Observations

Hazardous Substances and Petroleum Products in Connection with Identified Uses. Petroleum products were observed on the Property associated with fuels and lubricants used for farming equipment on APN 057-021-003. These products appeared to be stored in a proper manner, without significant evidence of spills or leaks.

Storage Tanks. Two empty, conventional-style above-ground storage tanks (AST) were observed during the reconnaissance at a location north of the largest storage shed in the yard of the residence at APN 057-021-003. No staining of the soil below the ASTs was noted during the reconnaissance. Two trailer-mounted diesel ASTs were observed during the site reconnaissance just north of the conventional-style ASTs. A small patch of stained soil about 12 inches in diameter was observed below one of the trailer-mounted ASTs. Several relatively large grain silos and an above-ground molasses tank were noted on APN 057-060-006. These tanks are not suspected to have contained hazardous materials.

At least one UST is suspected in the general area of the southwest corner of the main processing building at the feed lot on APN 057-060-006, as evidenced by the presence of a retail-style fuel pump at this location. The fuel pump was on its side next to its concrete foundation which had one one-inch-diameter galvanized pipe protruding through it. While our original scope of services included subsurface soil sampling for this suspected UST, thick asphalt in the area precluded the ability to locate the UST with the methods proposed and no soil samples were collected (see Section 6.0).

Odors. No discernable odors were evident at the Property at the time of the reconnaissance.

Pools of Potentially Hazardous Liquid. No pools of potentially hazardous liquid were observed at the Property at the time of the reconnaissance.

Drums. One half-full, 55-gallon drum was observed east of Empire Mine Road on APN 057-010-002, just north of where Sand Creek crosses onto the Property. Stained vegetation was evident beneath the opening of this drum suggestive of hazardous materials. Several rusty drums were located in and around the abandoned structures on APN 057-060-006. Two empty, 55-gallon drums were observed next to the large storage shed on APN 057-021-003. The owner noted that they were once used to store lubricants. Two, rusty 55-gallon drums were also observed in the work yard at that location. They appeared to have been used as garbage containers. One highly-decomposed paper drum of water softener chemicals was noted in the boiler room for the grain processing facility at the feed lot on APN 057-060-006. The contents of this paper drum were released onto the concrete floor of the boiler room.

Hazardous Substance and Petroleum Product Containers. Several empty and partially-full paint containers were observed in one of the open-sided barns located at APN 057-060-006. One empty and one full 5-gallon paint container was located next to Sand Creek on APN 057-010-002.

Polychlorinated Biphenyls (PCBs). Pole-mounted power lines with transformers were observed at the Property during the reconnaissance. None of the transformers exhibited evidence of leakage.

Pits, Ponds and Lagoons. During the reconnaissance, four ponds were evident at the southern portion of APN 057-060-006. These ponds appear to be livestock ponds. One pond may have received stormwater runoff from the feed lot pens on APN 057-060-006.

Stained Soil/Pavement. A stain, approximately 12 inches in diameter, was observed on the soil below one of the trailer-mounted ASTs at APN 057-021-003. Two stains, one approximately 18 inches by 5 inches, and another approximately 4 inches in diameter, were observed on the soil below and next to the half-full 55-gallon drum east of Empire Mine Road at APN 057-010-002. Stained pavement was observed next to a discarded car battery in one of the open-sided barns on APN 057-060-006.

Stressed Vegetation. No stressed vegetation was observed at the Property during the reconnaissance other than the vegetation next to the steel drum in the ravine for Sand Creek on APN 057-010-002.

Solid Waste. Multiple solid waste piles were noted on the Property at the time of the reconnaissance. At APN 057-060-006, numerous wood piles were noted as well as scattered refuse which included metal, concrete, water heaters, mattresses, and clothing. At APN 057-010-002, there were piles of wood and a variety of litter scattered along the fence-line of Empire Mine Road. At APN 057-021-003, there were three waste piles that included fencing, wood, metal, water-heaters, plastic, car bodies, metal pipes, and camper shells. These piles were located along the banks of Sand Creek.

Septic Systems. No evidence of a septic system was observed at the Property during the reconnaissance. However, septic systems likely exist, whether operational or not, in the area of buildings on APNs 057-021-003 and 057-060-006.

Wastewater. No wastewater conveyance systems were observed at the Property during the reconnaissance.

Wells. Two water supply wells were observed at the Property. The first well, which was in operation, was east of the mobile home at APN 057-021-003. The second well, which was inoperative, was located approximately in the center of the livestock pens on APN 057-060-006. Prior to demolition and grading operations at the Property, the wells should be abandoned in an appropriate manner.

5.4 Asbestos-Containing Materials (ACM) and Lead-Based Paint

An asbestos and lead-based paint survey was not conducted as part of this assessment. Given the age of the structures, it is conceivable that asbestos-containing materials (ACMs) may have been used in construction. Several of the hot water/steam pipes associated with the boiler room on APN 057-060-006 appeared to have ACM insulation wrap.

5.5 Indoor Air Quality

An evaluation of indoor air quality, mold, or radon was not included as part of the contracted scope of services. The USEPA and CAL - EPA have conducted studies of radon risks throughout the state. Results of the studies indicate that average statistical radon concentrations in Contra Costa County (Appendix A) are less than the current EPA action level, as outlined in the US EPA Radon Mitigation Standards (EPA 402-R-93-078) dated October 1993 and revised in April 1994.

6.0 RESULTS OF SOIL AND GROUNDWATER SAMPLING

Based on the past use of the Property for agricultural purposes and the presence of fuel storage tanks, the scope of this modified environmental site assessment included the recovery of soil and groundwater samples for nitrate and petroleum hydrocarbons laboratory analyses.

6.1 Field Activities

During the period from April 5, 2006, to April 7, 2006, an ENGEO representative recovered near-surface soil samples using hand sampling equipment. Fourteen discrete sampling locations were selected from the area in and around the abandoned livestock pens on APN 057-060-006. The fourteen samples were recovered at a depth of 12 to 18 inches below the ground surface (bgs). Two samples were selected from the area of the former UST at APN 057-021-003 at depths of 4½ and 5½ feet bgs. Two other samples were also taken from the areas beneath the ASTs on APN 057-021-003 at depths of 1½ feet bgs. Each of the soil samples were recovered in 2-inch-diameter by 6-inch-long stainless steel tubes which were sealed at each end with Teflon sheets and tight fitting plastic end caps.

We were unable to locate a second suspected UST on APN 057-060-006 due to thick asphalt in the area and the inability of the hand sampling equipment to penetrate the asphalt. Therefore, no soil samples were collected at this general location as originally proposed.

One groundwater sample was collected from a spigot at the well located on APN 057-021-003. Prior to collection of the sample, the spigot was cleaned with Alconox detergent and the well was allowed to run for 15 minutes to purge the well, discharge line and pressure tank. The sample containers were allowed to slowly fill by controlling the flow rate at the spigot.

Each sample was assigned a unique sample identification number and logged with the appropriate chain-of-custody documentation. Samples were preserved in a chilled cooler during transportation to the laboratory.

6.2 Analytical Results

The laboratory analytical reports and chain-of-custody documentation can be found in Appendix C. The soil samples collected from the livestock pens on APN 057-060-006 were analyzed for pH, Nitrate as N, Nitrite as N, Total Nitrogen and Total Kjeldahl Nitrogen (TKN). The soil samples from the AST and UST areas on APN 057-021-003 were analyzed for gasoline, diesel, motor oil and BTEX (benzene, toluene, ethylbenzene and xylene) constituents. The groundwater sample was analyzed for all of these constituents/parameters.

Soil samples submitted for laboratory analysis of Total Nitrogen, TKN, Nitrite as N, and Nitrate as N were found to have low levels of each. Total Nitrogen ranged from 97 milligrams per kilogram (mg/kg) in sample "(N) 2 of 14" to 900 mg/kg in sample "S-5-1", which are primarily attributable to TKN concentrations that ranged from 91 to 900 mg/kg. Nitrite as N was not detected in any of the samples collected and Nitrate as N concentrations ranged from below 2.0 (non-detect) to 20 mg/kg. pH values ranged from 3.4 to 8.3.

The soil samples collected at the former UST location on APN 057-021-003 did not have detectable concentrations of gasoline, diesel, motor oil, and BTEX compounds. The soil samples collected in the area of the ASTs generally did not have detectable concentrations of petroleum hydrocarbons with the exception of one diesel concentration at 49 mg/kg (AST #1) and motor oil at 34 mg/kg (AST #2). These concentrations are below accepted action levels for diesel and motor oil.

Laboratory testing of the groundwater sample found low concentrations of TKN at 0.17 milligrams per liter (mg/l) and Nitrate/Nitrite as N at 0.59 mg/l, which are below California maximum contaminant levels (MCLs) for drinking water. The pH of the groundwater was 7.8.

7.0 INTERVIEWS

An interview with Mr. Edward Dejesus, the resident of the northeastern parcel of the Property (i.e., APN 057-021-003), was conducted on April 5, 2006. Mr. Dejesus stated the he has been familiar with the Property since as early as 1965 and that he and his family have farmed this portion of the Property since around that time. Mr. Dejesus noted that the Property has been used for cattle-grazing and that an almond orchard was once south of his residence on APN 057-021-003. He related that he regularly uses Round-Up, a commercial herbicide, for weed control.

Mr. Dejesus was unaware of any hazardous material related concerns with the Property and had knowledge of a former underground storage tank (UST) and six aboveground storage tanks (AST) in an area on the north side of the ranch buildings on his parcel. According to Mr. Dejesus, the previous owner had asked him to remove the UST sometime around 1971. Mr. Dejesus stated that no gross evidence of petroleum hydrocarbon releases from the UST was noted during the removal and that no local oversight by environmental agencies was provided during the removal. Mr. Dejesus noted that the two 55-gallon steel drums on a drum rack north of the storage shed were formally used for oil storage and were now empty. Two ASTs north of the same shed and north of the gravel road were formerly used for diesel storage, but were currently empty. He used the two remaining ASTs mounted on trailers for diesel storage. These two ASTs are used for fueling farm equipment which is stored on the Property.

8.0 CONCLUSIONS

The site reconnaissance and records research did not find documentation or physical evidence of soil or groundwater impairments associated with the use of the Property. A review of aerial photographs and database research found that the Property has historically been used for mining, agriculture and cattle-grazing purposes. A review of regulatory databases maintained by county,

state and federal agencies found no documentation of hazardous materials violations or discharge on the Property.

Environmental Data Resources Inc. (EDR) performed a search of local, state and federal agency databases regarding the Property and known contaminated sites in the immediate vicinity. The EDR listed one environmental database site approximately ¼ to ½ mile north-northeast of the Property as a RCRA small-quantity generator of hazardous waste. The facility is not listed as contaminated site and it is highly unlikely that it could affect the Property.

Based on the past use of the Property for agricultural purposes and the past and current use of ASTs and USTs, the scope of the assessment was expanded to include the recovery of 18 soil samples and one groundwater sample for laboratory analyses. Trace concentrations of diesel and motor oil were detected below the two ASTs located on APN 057-021-003 that were well below recognized action levels for those constituents. Total Kjeldahl Nitrogen concentrations in shallow soil samples from the former livestock pens on APN 057-060-006 ranged from 91 to 900 mg/kg and represented the primary nitrogen species detected at the Property. Nitrate as N concentrations ranged as high as 20 mg/kg. Currently, here are no recognized action levels for TKN or Nitrate as N in soil. At sites where groundwater is impacted with nitrates, soil cleanups may be initiated due to the groundwater impact.

Analyses performed on one groundwater sample collected from the domestic well on APN 057-021-003 did not indicate a significant impact to groundwater at this general location.

One underground storage tank (UST) apparently exists (existed) adjacent to the feed lot buildings on APN 057-060-006. This UST could not be adequately investigated given the contracted scope of services for the assessment due to unanticipated site conditions (i.e., thick asphalt in the area could not be penetrated by the sampling equipment to appropriately locate the UST). The location of the UST is likely confirmed by a fuel pump on the southwest corner of the

main processing building on this parcel. Therefore, due to this uncertainty and the propensity for USTs to result in the release of petroleum hydrocarbons to the site soil or groundwater, the UST is considered a recognized environmental condition (REC) and should be investigated further.

One, apparently inactive, northwest-trending, petroleum product pipeline crosses the western portion of APN 057-021-003 and the northeastern portion of APN 057-010-003. Our experience on other sites in the area has revealed petroleum releases associated with these types of pipelines, regardless of their current status (e.g., operational or abandoned). Although the pipeline operator may be responsible for cleanup of any potential petroleum releases, it is our experience that such releases can become a nuisance with respect to site development; therefore, the pipeline is considered a REC. We recommend further subsurface exploration along the pipeline easement to better understand the potential impacts, if any.

ENGEO Incorporated has performed a Modified Phase One Environmental Site Assessment in general conformance with the scope and limitations of ASTM 1527-00. Two RECs are identified for the Property and further studies, as discussed, are recommended at this time.

LIST OF FIGURES

Figure 1	Vicinity Map
Figure 2	Parcel Map
Figure 3	Topographical Map
Figure 4	Aerial Photograph
Figure 5	Site Photographs

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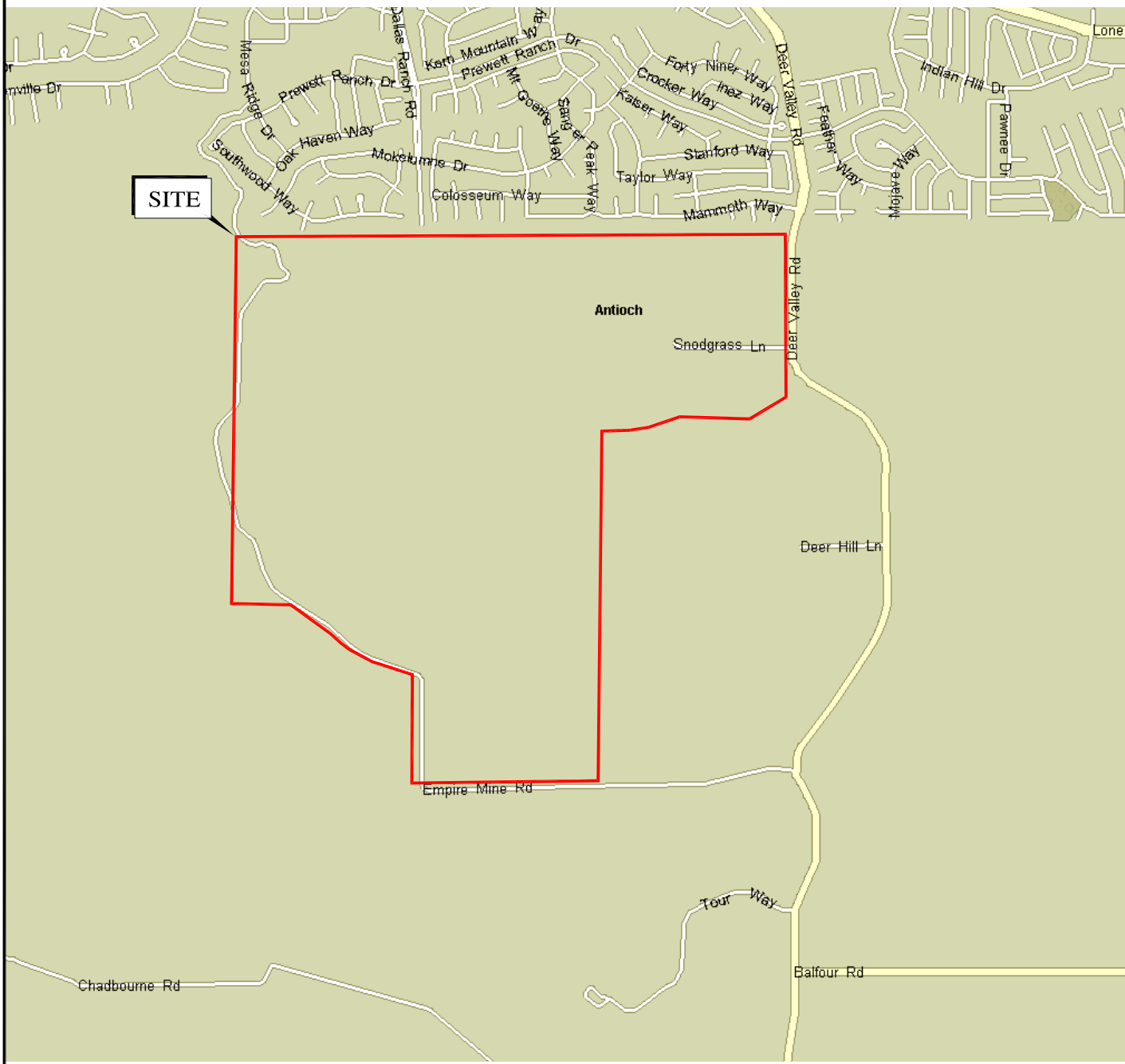

BASE MAP SOURCE: MS STREETS AND TRIPS

ENGEO INCORPORATED
EXCELLENT SERVICE SINCE 1971

VICINITY MAP
SAND CREEK RANCH
ANTIOCH, CALIFORNIA

PROJECT NO.: 4371.4.051.01	FIGURE NO. 1
DATE: MAY 2006	
DRAWN BY: JEP	CHECKED BY: SM

ORIGINAL FIGURE PRINTED IN COLOR

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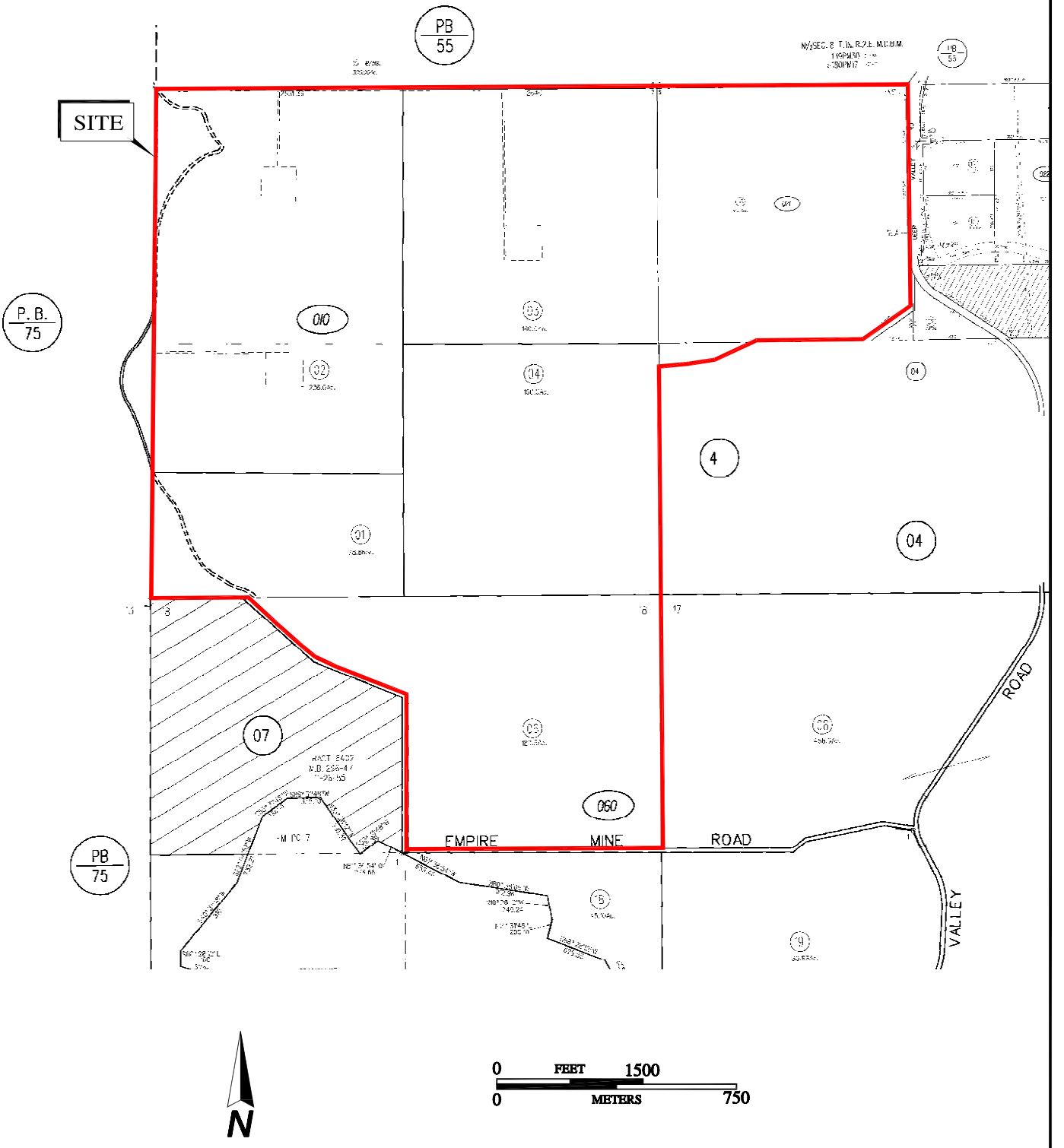

BASE MAP SOURCE: CONTRA COSTA COUNTY

ENGEO INCORPORATED
EXCELLENT SERVICE SINCE 1971

PARCEL MAP
SAND CREEK RANCH
ANTIOCH, CALIFORNIA

PROJECT NO.: 4371.4.051.01		FIGURE NO. 2
DATE: MAY 2006		
DRAWN BY: JEP	CHECKED BY: SM	

ORIGINAL FIGURE PRINTED IN COLOR

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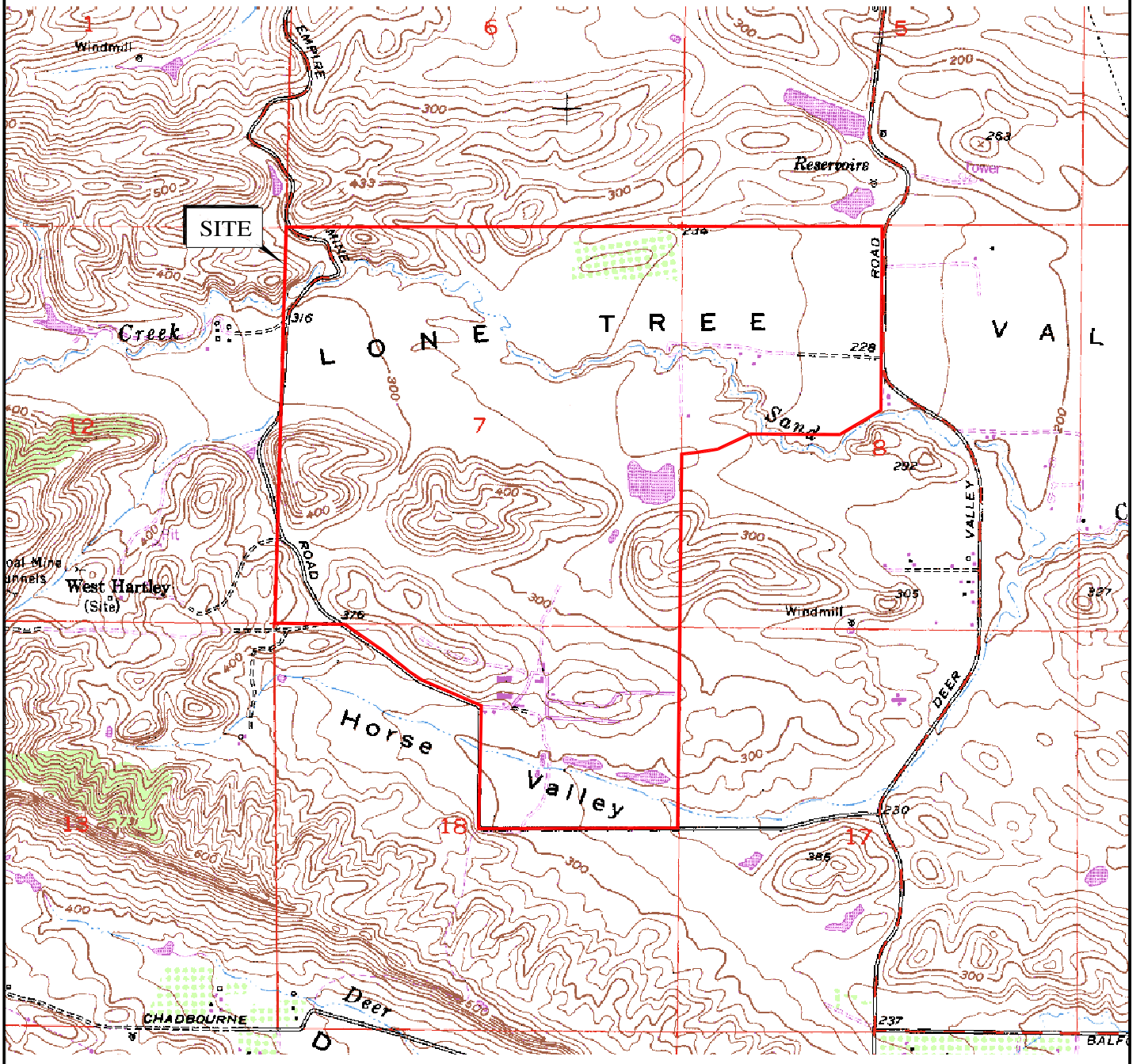

BASE MAP SOURCE: USGS

ENGEO INCORPORATED
EXCELLENT SERVICE SINCE 1971

TOPOGRAPHIC MAP
SAND CREEK RANCH
ANTIOCH, CALIFORNIA

PROJECT NO.: 4371.4.051.01	FIGURE NO. 3
DATE: MAY 2006	
DRAWN BY: JEP	CHECKED BY: SM

ORIGINAL FIGURE PRINTED IN COLOR

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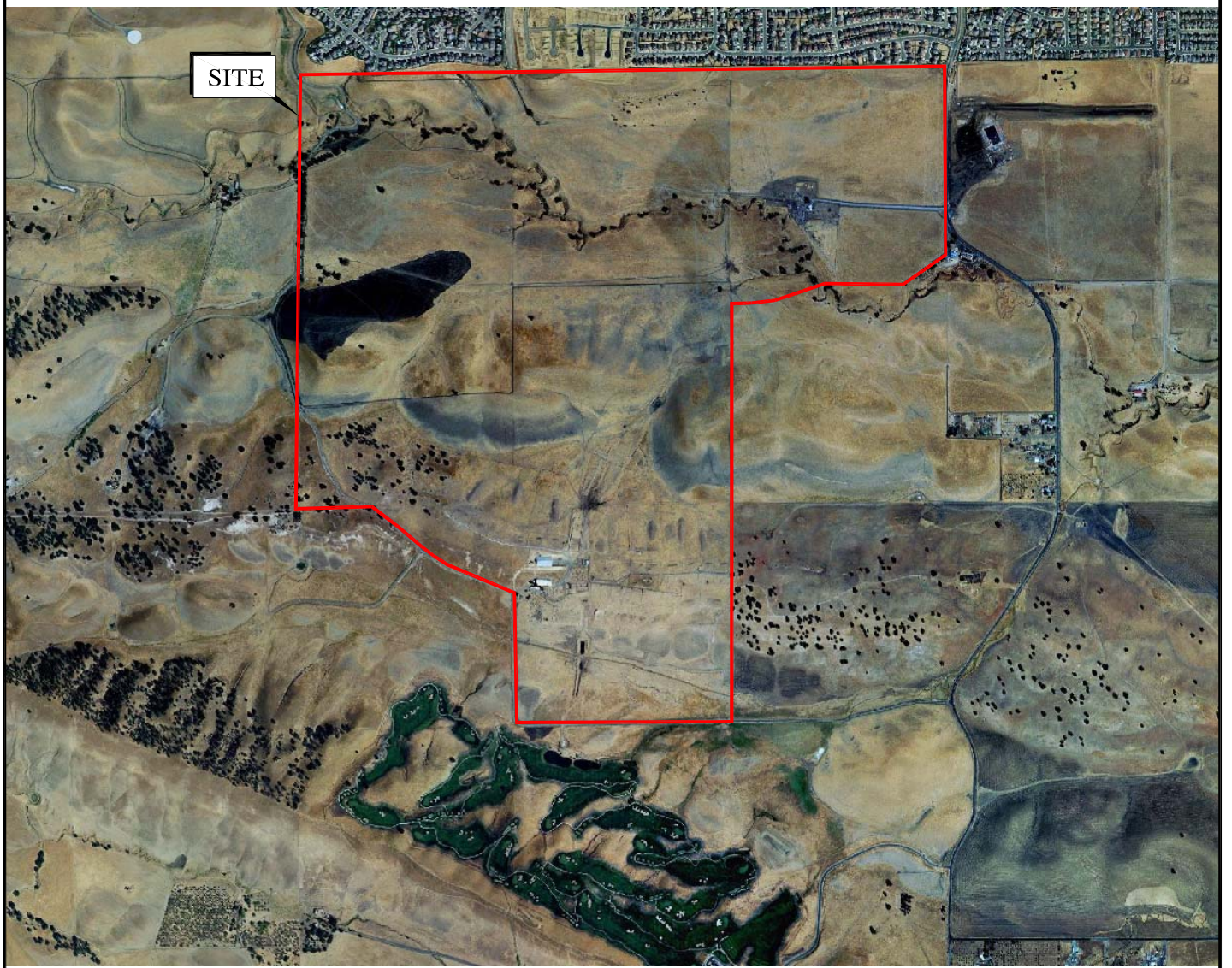

N

0 FEET 2000

0 METERS 1000

BASE MAP SOURCE: USGS

ENGEO INCORPORATED
EXCELLENT SERVICE SINCE 1971

AERIAL PHOTOGRAPH
SAND CREEK RANCH
ANTIOCH, CALIFORNIA

PROJECT NO.: 4371.4.051.01	FIGURE NO. 4
DATE: MAY 2006	
DRAWN BY: JEP	CHECKED BY: SM

ORIGINAL FIGURE PRINTED IN COLOR

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FEED LOT BUILDINGS ON APN 057-060-006

FUEL PUMP AT THE WEST END OF FEED LOT BUILDINGS

BOILER ROOM IN FEED LOT BUILDINGS

DEBRIS PILES AT GRAIN STORAGE AREA ON APN 057-060-006

ABOVEGROUND STORAGE TANKS ON APN 057-010-004

FORMER UNDERGROUND STORAGE TANK LOCATION

ENGEO INCORPORATED
EXCELLENT SERVICE SINCE 1971

SITE PHOTOGRAPHS

SAND CREEK RANCH

ANTIOCH, CALIFORNIA

PROJECT NO.: 4371.4.051.01		FIGURE NO. 5
DATE: MAY 2006		
DRAWN BY: JEP	CHECKED BY: SM	

ORIGINAL FIGURE PRINTED IN COLOR

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APPENDIX A

ENVIRONMENTAL DATA RESOURCES, INC.

Sanborn Map Report
Radius Map Report
City Directory Report
Historical Topographic Maps
Aerial Photographs

"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Richard Gandolfo
Engeo Inc.
2880 N Tracy Blvd
Tracy, CA 95376

Order Date: 4/4/2006 **Completion Date:** 4/4/2006
Inquiry #: 1648192.19
P.O. #: NA
Site Name: Sand Creek Ranch
Address: Sand Creek Ranch
City/State: Antioch, CA 94531
Cross Streets:

Customer Project: 4371.4.051.01
1028035PEP 209-835-0610

This document reports that the largest and most complete collection of Sanborn fire insurance maps has been reviewed based on client supplied information, and fire insurance maps depicting the target property at the specified address were not identified.

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Sanborn® Map Report

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Engeo Inc.
2880 N Tracy Blvd
Tracy, CA 95376

Order Date: 4/4/2006 **Completion Date:** 4/4/2006
Inquiry #: 1648192.3
P.O. #: NA
Site Name: Sand Creek Ranch
Address: 5599 Empire Mine Road
City/State: Antioch, CA 94531
Cross Streets:

Customer Project: 4371.4.051.01
1028035PEP 209-835-0610

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Sanborn® Map Report

Ship To: Richard Gandolfo
Engeo Inc.
2880 N Tracy Blvd
Tracy, CA 95376

Order Date: 4/4/2006 **Completion Date:** 4/4/2006
Inquiry #: 1648192.11
P.O. #: NA
Site Name: Sand Creek Ranch
Address: 6275 Deer Creek Road
City/State: Antioch, CA 94531
Cross Streets:

Customer Project: 4371.4.051.01
1028035PEP 209-835-0610

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The EDR Radius Map™ Report

Sand Creek Ranch
Sand Creek Ranch
Antioch, CA 94531

Inquiry Number: 1648192.18s

April 04, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

SAND CREEK RANCH
ANTIOCH, CA 94531

COORDINATES

Latitude (North):	37.948200 - 37° 56' 53.5''
Longitude (West):	121.798600 - 121° 47' 55.0''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	605558.4
UTM Y (Meters):	4200543.0
Elevation:	290 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	37121-H7 ANTIOCH SOUTH, CA
Most Recent Revision:	1980

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:

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL RECOVERY	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
CORRACTS	Corrective Action Report
RCRA-TSDF	Resource Conservation and Recovery Act Information
RCRA-LQG	Resource Conservation and Recovery Act Information

EXECUTIVE SUMMARY

RCRA-SQG Resource Conservation and Recovery Act Information
ERNS Emergency Response Notification System
HMIRS Hazardous Materials Information Reporting System
US ENG CONTROLS Engineering Controls Sites List
US INST CONTROL Sites with Institutional Controls
DOD Department of Defense Sites
FUDS Formerly Used Defense Sites
US BROWNFIELDS A Listing of Brownfields Sites
CONSENT Superfund (CERCLA) Consent Decrees
ROD Records Of Decision
UMTRA Uranium Mill Tailings Sites
ODI Open Dump Inventory
TRIS Toxic Chemical Release Inventory System
TSCA Toxic Substances Control Act
FTTS FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS Section 7 Tracking Systems
PADS PCB Activity Database System
MLTS Material Licensing Tracking System
MINES Mines Master Index File
FINDS Facility Index System/Facility Registry System
RAATS RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

AWP Annual Workplan Sites
Cal-Sites Calsites Database
CA BOND EXP. PLAN Bond Expenditure Plan
NFA No Further Action Determination
NFE Properties Needing Further Evaluation
REF Unconfirmed Properties Referred to Another Agency
SCH School Property Evaluation Program
Toxic Pits Toxic Pits Cleanup Act Sites
SWF/LF Solid Waste Information System
CA WDS Waste Discharge System
WMUDS/SWAT Waste Management Unit Database
Cortese "Cortese" Hazardous Waste & Substances Sites List
SWRCY Recycler Database
LUST Geotracker's Leaking Underground Fuel Tank Report
CA FID UST Facility Inventory Database
SLIC Statewide SLIC Cases
UST Active UST Facilities
HIST UST Hazardous Substance Storage Container Database
AST Aboveground Petroleum Storage Tank Facilities
CONTRA COSTA CO. SITE LIST Site List
SWEEPS UST SWEEPS UST Listing
CHMIRS California Hazardous Material Incident Report System
Notify 65 Proposition 65 Records
DEED Deed Restriction Listing
VCP Voluntary Cleanup Program Properties
CLEANERS Cleaner Facilities
WIP Well Investigation Program Case List
CDL Clandestine Drug Labs
HAZNET Facility and Manifest Data
EMI Emissions Inventory Data

EXECUTIVE SUMMARY

TRIBAL RECORDS

INDIAN RESERV Indian Reservations
INDIAN LUST Leaking Underground Storage Tanks on Indian Land
INDIAN UST Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations EDR Proprietary Historic Gas Stations
EDR Historical Cleaners EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

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

EXECUTIVE SUMMARY

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

Site Name	Database(s)
UNIMIN CORPORATION	CHMIRS, EMI
KAISER FOUNDATION HOSPITAL ANTIOCH MEDIC	RCRA-LQG
DECKER ISLAND SAND HAVESTING	CA WDS

OVERVIEW MAP - 1648192.18s

- 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
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Federal Wetlands
- Areas of Concern

0 1/2 1 2 Miles

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: Sand Creek Ranch ADDRESS: Sand Creek Ranch Antioch CA 94531 LAT/LONG: 37.9482 / 121.7986	CLIENT: Engeo Inc. CONTACT: Richard Gandolfo INQUIRY #: 1648192.18s DATE: April 04, 2006

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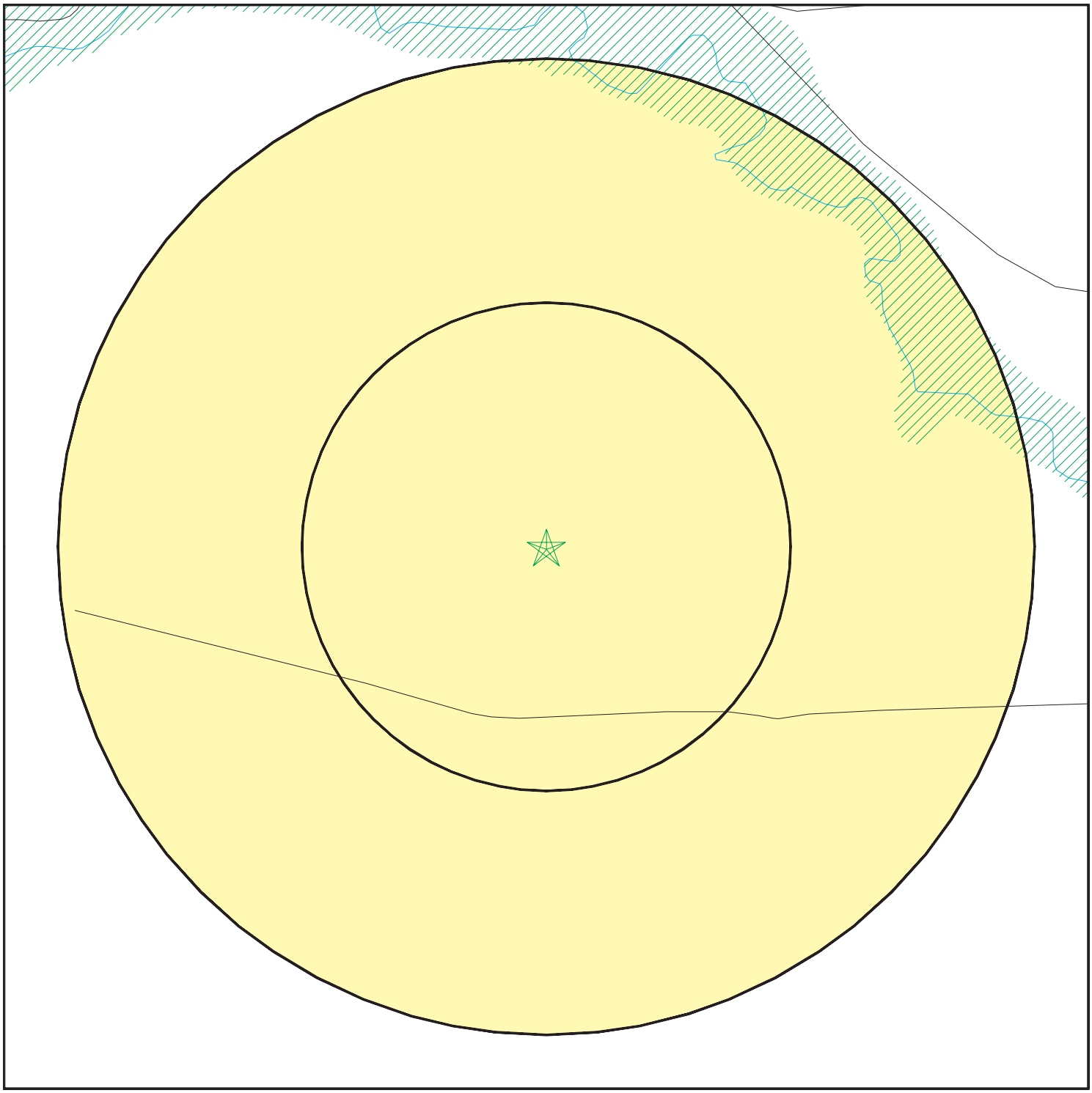
DETAIL MAP - 1648192.18s



- 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
- Landfill Sites
- Dept. Defense Sites

0 1/16 1/8 1/4 Miles

- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

N

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

SITE NAME: Sand Creek Ranch	CLIENT: Engeo Inc.
ADDRESS: Sand Creek Ranch Antioch CA 94531	CONTACT: Richard Gandolfo
LAT/LONG: 37.9482 / 121.7986	INQUIRY #: 1648192.18s DATE: April 04, 2006

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL RECORDS								
NPL		1.500	0	0	0	0	0	0
Proposed NPL		1.500	0	0	0	0	0	0
Delisted NPL		1.500	0	0	0	0	0	0
NPL RECOVERY		0.500	0	0	0	NR	NR	0
CERCLIS		1.000	0	0	0	0	NR	0
CERC-NFRAP		1.000	0	0	0	0	NR	0
CORRACTS		1.500	0	0	0	0	0	0
RCRA TSD		1.000	0	0	0	0	NR	0
RCRA Lg. Quan. Gen.		0.750	0	0	0	0	NR	0
RCRA Sm. Quan. Gen.		0.750	0	0	0	0	NR	0
ERNS		0.500	0	0	0	NR	NR	0
HMIRS		0.500	0	0	0	NR	NR	0
US ENG CONTROLS		1.000	0	0	0	0	NR	0
US INST CONTROL		1.000	0	0	0	0	NR	0
DOD		1.500	0	0	0	0	0	0
FUDS		1.500	0	0	0	0	0	0
US BROWNFIELDS		1.000	0	0	0	0	NR	0
CONSENT		1.500	0	0	0	0	0	0
ROD		1.500	0	0	0	0	0	0
UMTRA		1.000	0	0	0	0	NR	0
ODI		1.000	0	0	0	0	NR	0
TRIS		0.500	0	0	0	NR	NR	0
TSCA		0.500	0	0	0	NR	NR	0
FTTS		0.500	0	0	0	NR	NR	0
SSTS		0.500	0	0	0	NR	NR	0
PADS		0.500	0	0	0	NR	NR	0
MLTS		0.500	0	0	0	NR	NR	0
MINES		0.750	0	0	0	0	NR	0
FINDS		0.500	0	0	0	NR	NR	0
RAATS		0.500	0	0	0	NR	NR	0
STATE AND LOCAL RECORDS								
AWP		1.500	0	0	0	0	0	0
Cal-Sites		1.500	0	0	0	0	0	0
CA Bond Exp. Plan		1.500	0	0	0	0	0	0
NFA		0.750	0	0	0	0	NR	0
NFE		0.750	0	0	0	0	NR	0
REF		0.750	0	0	0	0	NR	0
SCH		0.750	0	0	0	0	NR	0
Toxic Pits		1.500	0	0	0	0	0	0
State Landfill		1.000	0	0	0	0	NR	0
CA WDS		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		1.000	0	0	0	0	NR	0
Cortese		1.000	0	0	0	0	NR	0
SWRCY		1.000	0	0	0	0	NR	0
LUST		1.000	0	0	0	0	NR	0
CA FID UST		0.750	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC		1.000	0	0	0	0	NR	0
UST		0.750	0	0	0	0	NR	0
HIST UST		0.750	0	0	0	0	NR	0
AST		0.750	0	0	0	0	NR	0
Contra Costa Co. Site List		0.750	0	0	0	0	NR	0
SWEEPS UST		0.750	0	0	0	0	NR	0
CHMIRS		0.500	0	0	0	NR	NR	0
Notify 65		1.500	0	0	0	0	0	0
DEED		1.000	0	0	0	0	NR	0
VCP		1.000	0	0	0	0	NR	0
DRYCLEANERS		0.750	0	0	0	0	NR	0
WIP		0.750	0	0	0	0	NR	0
CDL		0.500	0	0	0	NR	NR	0
HAZNET		0.500	0	0	0	NR	NR	0
EMI		0.500	0	0	0	NR	NR	0
TRIBAL RECORDS								
INDIAN RESERV		1.500	0	0	0	0	0	0
INDIAN LUST		1.000	0	0	0	0	NR	0
INDIAN UST		0.750	0	0	0	0	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.500	0	0	0	0	0	0
EDR Historical Auto Stations		0.750	0	0	0	0	NR	0
EDR Historical Cleaners		0.750	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site	Database(s)	EDR ID Number EPA ID Number
	NO SITES FOUND		

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ANTIOCH	S106104161	DECKER ISLAND SAND HAVESTING	HORSE SHOE BEND SAC RIVER		CA WDS
ANTIOCH	1008372184	KAISER FOUNDATION HOSPITAL ANTIOCH MEDIC	4501 SAND CREEK ROAD	94531	RCRA-LQG
CONTRA COSTA COUNTY	S105631151	UNIMIN CORPORATION	CAMINO DIABLO RD		CHMIRS, EMI

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.

FEDERAL RECORDS

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: 02/24/2006
Date Data Arrived at EDR: 03/01/2006
Date Made Active in Reports: 03/31/2006
Number of Days to Update: 30

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2006
Next Scheduled EDR Contact: 05/01/2006
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 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 02/24/2006
Date Data Arrived at EDR: 03/01/2006
Date Made Active in Reports: 03/31/2006
Number of Days to Update: 30

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: Quarterly

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: 02/24/2006
Date Data Arrived at EDR: 03/01/2006
Date Made Active in Reports: 03/31/2006
Number of Days to Update: 30

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: Quarterly

NPL RECOVERY: Federal Superfund Liens

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

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

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 10/24/2005
Date Data Arrived at EDR: 12/21/2005
Date Made Active in Reports: 01/30/2006
Number of Days to Update: 40

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 03/21/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 10/24/2005
Date Data Arrived at EDR: 12/21/2005
Date Made Active in Reports: 01/30/2006
Number of Days to Update: 40

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 03/21/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/29/2005
Date Data Arrived at EDR: 01/11/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 41

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/21/2006
Date Data Arrived at EDR: 03/01/2006
Date Made Active in Reports: 03/31/2006
Number of Days to Update: 30

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/01/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 01/12/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 40

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Last EDR Contact: 01/12/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 01/16/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 36

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 08/02/2005
Date Data Arrived at EDR: 08/12/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 703-603-8867
Last EDR Contact: 03/03/2006
Next Scheduled EDR Contact: 07/03/2006
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: 01/10/2005
Date Data Arrived at EDR: 02/11/2005
Date Made Active in Reports: 04/06/2005
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 703-603-8867
Last EDR Contact: 03/03/2006
Next Scheduled EDR Contact: 07/03/2006
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: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 02/06/2006
Next Scheduled EDR Contact: 05/08/2006
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 01/19/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 33

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 11/29/2005
Date Data Arrived at EDR: 12/05/2005
Date Made Active in Reports: 01/30/2006
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/13/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Semi-Annually

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: 12/14/2004
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 04/25/2005
Number of Days to Update: 69

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/13/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 12/07/2005
Date Data Arrived at EDR: 01/06/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 46

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/04/2006
Next Scheduled EDR Contact: 04/03/2006
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 11/04/2005
Date Data Arrived at EDR: 11/28/2005
Date Made Active in Reports: 01/30/2006
Number of Days to Update: 63

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 03/20/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 07/13/2005
Date Made Active in Reports: 08/17/2005
Number of Days to Update: 35

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 03/21/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/27/2004
Date Made Active in Reports: 05/21/2004
Number of Days to Update: 24

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: Every 4 Years

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

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

Date of Government Version: 01/17/2006
Date Data Arrived at EDR: 01/24/2006
Date Made Active in Reports: 02/27/2006
Number of Days to Update: 34

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 03/20/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Quarterly

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

Date of Government Version: 01/17/2006
Date Data Arrived at EDR: 01/24/2006
Date Made Active in Reports: 02/27/2006
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 03/20/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Quarterly

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: 12/31/2003
Date Data Arrived at EDR: 01/03/2005
Date Made Active in Reports: 01/25/2005
Number of Days to Update: 22

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: Annually

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: 12/27/2005
Date Data Arrived at EDR: 02/08/2006
Date Made Active in Reports: 02/27/2006
Number of Days to Update: 19

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 02/08/2006
Next Scheduled EDR Contact: 05/08/2006
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MLTS: Material Licensing Tracking System

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

Date of Government Version: 02/10/2006
Date Data Arrived at EDR: 02/16/2006
Date Made Active in Reports: 03/31/2006
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Quarterly

MINES: Mines Master Index File

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

Date of Government Version: 11/08/2005
Date Data Arrived at EDR: 12/27/2005
Date Made Active in Reports: 01/30/2006
Number of Days to Update: 34

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/29/2006
Next Scheduled EDR Contact: 06/26/2006
Data Release Frequency: Semi-Annually

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: 01/09/2006
Date Data Arrived at EDR: 01/16/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 36

Source: EPA
Telephone: N/A
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
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: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/17/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE AND LOCAL RECORDS

AWP: Annual Workplan Sites

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 09/21/2005
Number of Days to Update: 23

Source: California Environmental Protection Agency
Telephone: 916-323-3400
Last EDR Contact: 03/16/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Annually

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.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 09/21/2005
Number of Days to Update: 23

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NFA: No Further Action Determination

This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Quarterly

NFE: Properties Needing Further Evaluation

This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 09/21/2005
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Quarterly

REF: Unconfirmed Properties Referred to Another Agency

This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Quarterly

SCH: School Property Evaluation Program

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

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/30/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 12/08/2005
Date Data Arrived at EDR: 12/13/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 37

Source: Integrated Waste Management Board
Telephone: 916-341-6320
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Quarterly

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 12/19/2005
Date Data Arrived at EDR: 12/21/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 29

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 03/21/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Quarterly

WMUDS/SWAT: Waste Management Unit Database

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 05/29/2001
Date Made Active in Reports: 07/26/2001
Number of Days to Update: 58

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-9100
Last EDR Contact: 02/06/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: No Update Planned

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

Date of Government Version: 01/05/2006
Date Data Arrived at EDR: 01/09/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 22

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Quarterly

LUST: Geotracker's Leaking Underground Fuel Tank Report
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 01/09/2006
Date Data Arrived at EDR: 01/09/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 916-341-5752
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Quarterly

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

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

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 03/28/2006
Next Scheduled EDR Contact: 06/26/2006
Data Release Frequency: No Update Planned

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

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: No Update Planned

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: 858-467-2980
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/17/2006
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: 951-782-4130
Last EDR Contact: 02/06/2006
Next Scheduled EDR Contact: 05/08/2006
Data Release Frequency: Varies

LUST REG 7: Leaking Underground Storage Tank Case Listing

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: 760-346-7491
Last EDR Contact: 12/27/2005
Next Scheduled EDR Contact: 03/27/2006
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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: 760-346-7491
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Date of Government Version: 01/15/2006
Date Data Arrived at EDR: 01/16/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 36

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/03/2006
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

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: 805-549-3147
Last EDR Contact: 02/13/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

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

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

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

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: 510-286-0457
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Quarterly

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

SLIC: Statewide SLIC Cases

The Spills, Leaks, Investigations, and Cleanups (SLIC) listings includes unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites.

Date of Government Version: 01/09/2006
Date Data Arrived at EDR: 01/09/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 916-341-5752
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: No Update Planned

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

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Quarterly

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

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 02/17/2006
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 24

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 02/13/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Semi-Annually

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

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

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

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 01/23/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Varies

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

Unregulated sites that impact groundwater or have the potential to impact groundwater.

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

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/03/2006
Data Release Frequency: Semi-Annually

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

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: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

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: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

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: 03/06/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: No Update Planned

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

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 01/17/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 35

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 01/17/2006
Next Scheduled EDR Contact: 04/03/2006
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/14/2005
Date Data Arrived at EDR: 12/14/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 36

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 03/13/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Annually

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/09/2006
Date Data Arrived at EDR: 01/09/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 22

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Semi-Annually

HIST UST: Hazardous Substance Storage Container Database

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

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

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

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 01/30/2006
Date Data Arrived at EDR: 01/30/2006
Date Made Active in Reports: 02/17/2006
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 01/30/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: Quarterly

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 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

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

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

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 11/30/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 50

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records

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

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

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

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

Date of Government Version: 01/03/2006
Date Data Arrived at EDR: 01/04/2006
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 15

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/03/2006
Next Scheduled EDR Contact: 04/03/2006
Data Release Frequency: Semi-Annually

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: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 09/21/2005
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Quarterly

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: 04/18/2005
Date Data Arrived at EDR: 04/18/2005
Date Made Active in Reports: 05/06/2005
Number of Days to Update: 18

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

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

Date of Government Version: 01/23/2006
Date Data Arrived at EDR: 01/24/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 28

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 01/23/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Varies

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: 12/31/2005
Date Data Arrived at EDR: 02/10/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 31

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 02/08/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

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

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 10/11/2005
Date Made Active in Reports: 10/31/2005
Number of Days to Update: 20

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 02/24/2006
Next Scheduled EDR Contact: 05/08/2006
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: 12/31/2003
Date Data Arrived at EDR: 07/19/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 23

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: Varies

TRIBAL RECORDS

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: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 02/06/2006
Next Scheduled EDR Contact: 05/08/2006
Data Release Frequency: Semi-Annually

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

Date of Government Version: 09/07/2005
Date Data Arrived at EDR: 09/08/2005
Date Made Active in Reports: 10/31/2005
Number of Days to Update: 53

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/10/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Varies

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

Date of Government Version: 12/01/2005
Date Data Arrived at EDR: 01/03/2006
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Varies

INDIAN UST: Underground Storage Tanks on Indian Land

Date of Government Version: 11/08/2005
Date Data Arrived at EDR: 11/09/2005
Date Made Active in Reports: 12/12/2005
Number of Days to Update: 33

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

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

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

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

EDR Historical Auto Stations: EDR Proprietary Historic Gas 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.

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

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

EDR Historical Cleaners: EDR Proprietary Historic Dry 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.

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

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

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

Date of Government Version: 02/16/2006
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 24

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/23/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Semi-Annually

Underground Tanks

Date of Government Version: 02/27/2006
Date Data Arrived at EDR: 02/28/2006
Date Made Active in Reports: 03/23/2006
Number of Days to Update: 23

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 02/27/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

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

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/09/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 41

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 03/13/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

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

Date of Government Version: 01/18/2006
Date Data Arrived at EDR: 01/18/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 34

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/18/2006
Next Scheduled EDR Contact: 05/08/2006
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/09/2005
Date Made Active in Reports: 01/11/2006
Number of Days to Update: 33

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 03/27/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 07/07/1999
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 07/06/1999
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

City of El Segundo Underground Storage Tank

Date of Government Version: 02/27/2006
Date Data Arrived at EDR: 02/28/2006
Date Made Active in Reports: 03/23/2006
Number of Days to Update: 23

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 02/27/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

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

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 02/24/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Date of Government Version: 02/27/2006
Date Data Arrived at EDR: 02/28/2006
Date Made Active in Reports: 03/23/2006
Number of Days to Update: 23

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 02/27/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Semi-Annually

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/31/2005
Date Data Arrived at EDR: 01/30/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 22

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 02/13/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Date of Government Version: 02/14/2006
Date Data Arrived at EDR: 02/28/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 13

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 02/15/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Varies

City of Los Angeles Landfills

Date of Government Version: 03/01/2005
Date Data Arrived at EDR: 03/18/2005
Date Made Active in Reports: 04/08/2005
Number of Days to Update: 21

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/05/2006
Date Data Arrived at EDR: 02/16/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 25

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 02/03/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 02/10/2006
Date Data Arrived at EDR: 02/28/2006
Date Made Active in Reports: 03/23/2006
Number of Days to Update: 23

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/30/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

Date of Government Version: 12/27/2005
Date Data Arrived at EDR: 12/28/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 22

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/27/2006
Next Scheduled EDR Contact: 06/26/2006
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites

Date of Government Version: 12/27/2005
Date Data Arrived at EDR: 12/28/2005
Date Made Active in Reports: 01/11/2006
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/27/2006
Next Scheduled EDR Contact: 06/26/2006
Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 12/01/2005
Date Data Arrived at EDR: 12/20/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 30

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/08/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 12/01/2005
Date Data Arrived at EDR: 12/20/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 30

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/08/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 12/01/2005
Date Data Arrived at EDR: 12/16/2005
Date Made Active in Reports: 01/11/2006
Number of Days to Update: 26

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/08/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 01/18/2006
Date Data Arrived at EDR: 01/18/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 34

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 03/20/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Underground Storage Tank Tank List

Date of Government Version: 02/09/2006
Date Data Arrived at EDR: 02/10/2006
Date Made Active in Reports: 03/09/2006
Number of Days to Update: 27

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: Quarterly

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/09/2006
Date Data Arrived at EDR: 02/10/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 31

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS - Contaminated Sites

Date of Government Version: 02/02/2006
Date Data Arrived at EDR: 02/13/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 28

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/30/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List

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

Date of Government Version: 02/02/2006
Date Data Arrived at EDR: 02/10/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 31

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/30/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 12/21/2005
Date Data Arrived at EDR: 12/21/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 29

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

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

Date of Government Version: 05/16/2005
Date Data Arrived at EDR: 05/18/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 29

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 01/20/2006
Next Scheduled EDR Contact: 04/03/2006
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 12/29/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 21

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversite Facilities

Date of Government Version: 12/07/2005
Date Data Arrived at EDR: 12/07/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 43

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

Underground Storage Tank Information

Date of Government Version: 12/07/2005
Date Data Arrived at EDR: 12/07/2005
Date Made Active in Reports: 01/11/2006
Number of Days to Update: 35

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 01/09/2006
Date Data Arrived at EDR: 01/10/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 21

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Annually

Fuel Leak List

Date of Government Version: 01/11/2006
Date Data Arrived at EDR: 01/12/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 19

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

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: 03/28/2006
Next Scheduled EDR Contact: 06/26/2006
Data Release Frequency: No Update Planned

LOP Listing

A listing of open leaking underground storage tanks.

Date of Government Version: 10/24/2005
Date Data Arrived at EDR: 11/28/2005
Date Made Active in Reports: 12/12/2005
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 03/28/2006
Next Scheduled EDR Contact: 06/26/2006
Data Release Frequency: Varies

Hazardous Material Facilities

Date of Government Version: 12/12/2005
Date Data Arrived at EDR: 12/12/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 38

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

Date of Government Version: 12/13/2005
Date Data Arrived at EDR: 12/14/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 36

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/27/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Quarterly

Underground Storage Tanks

Date of Government Version: 10/13/2005
Date Data Arrived at EDR: 10/31/2005
Date Made Active in Reports: 12/08/2005
Number of Days to Update: 38

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/27/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Date of Government Version: 01/23/2006
Date Data Arrived at EDR: 01/23/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 29

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 01/23/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Date of Government Version: 12/31/0005
Date Data Arrived at EDR: 01/05/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 26

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 11/30/2005
Date Data Arrived at EDR: 01/04/2006
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 15

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/2005
Date Data Arrived at EDR: 09/20/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 16

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 11/30/2005
Date Data Arrived at EDR: 01/03/2006
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 16

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 12/29/2005
Date Data Arrived at EDR: 01/20/2006
Date Made Active in Reports: 02/15/2006
Number of Days to Update: 26

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/11/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Date of Government Version: 01/18/2006
Date Data Arrived at EDR: 02/09/2006
Date Made Active in Reports: 03/09/2006
Number of Days to Update: 28

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

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

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SAND CREEK RANCH
SAND CREEK RANCH
ANTIOCH, CA 94531

TARGET PROPERTY COORDINATES

Latitude (North):	37.94820 - 37° 56' 53.5''
Longitude (West):	121.7986 - 121° 47' 55.0''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	605558.4
UTM Y (Meters):	4200543.0
Elevation:	290 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37121-H7 ANTIOCH SOUTH, CA
Most Recent Revision:	1980

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).

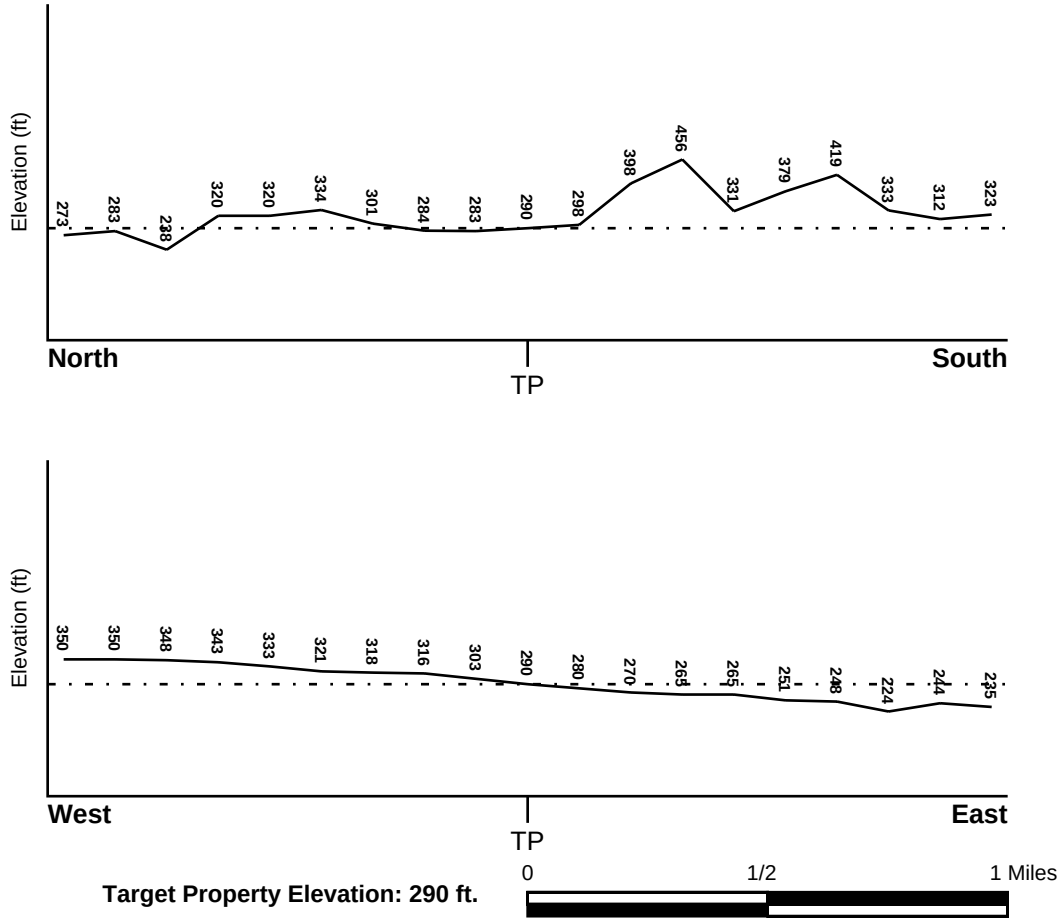
TOPOGRAPHIC INFORMATION

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 NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
CONTRA COSTA, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0600250335B

Additional Panels in search area: 0600250350B

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
ANTIOCH SOUTH	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

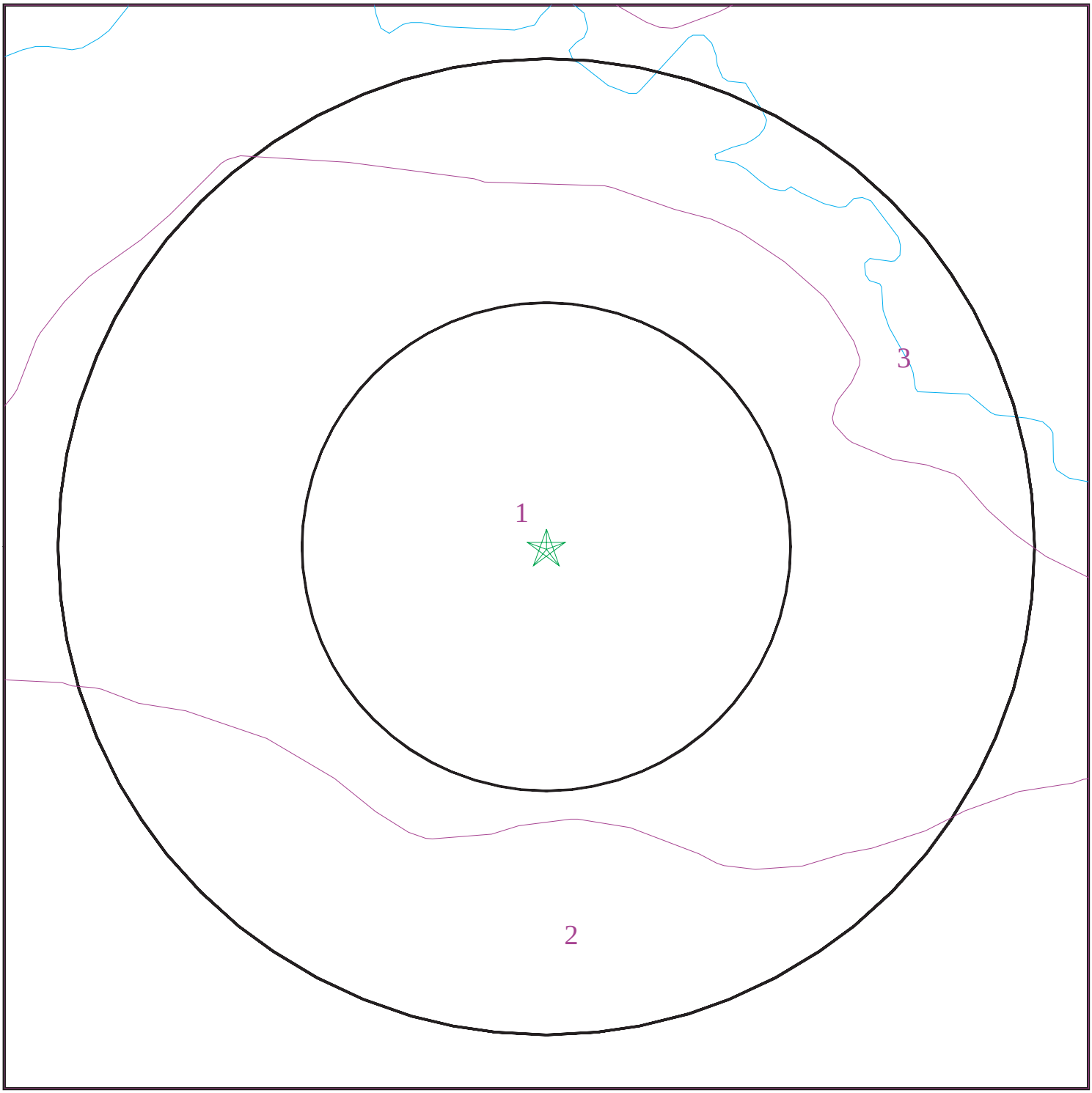
Era:	Cenozoic
System:	Tertiary
Series:	Eocene
Code:	Te *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

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

SSURGO SOIL MAP - 1648192.18s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Sand Creek Ranch	CLIENT:	Engeo Inc.
ADDRESS:	Sand Creek Ranch Antioch CA 94531	CONTACT:	Richard Gandolfo
LAT/LONG:	37.9482 / 121.7986	INQUIRY #:	1648192.18s
		DATE:	April 04, 2006

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: CAPAY

Soil Surface Texture: clay

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

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	18 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 6.00 Min: 4.50
1	0 inches	18 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 6.00 Min: 4.50
1	0 inches	36 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.60

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
2	18 inches	48 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50
2	36 inches	51 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.60
2	18 inches	48 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50
3	48 inches	60 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 2.00	Max: 6.00 Min: 4.50

Soil Map ID: 2

Soil Component Name: ALTAMONT

Soil Surface Texture: clay

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

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 40 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	26 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.60
2	26 inches	48 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 8.40 Min: 7.40
3	48 inches	52 inches	weathered bedrock	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

Soil Map ID: 3

Soil Component Name: RINCON

Soil Surface Texture: clay loam

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

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	11 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 6.00 Min: 2.00	Max: 5.50 Min: 3.60
1	0 inches	11 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 6.00 Min: 2.00	Max: 5.50 Min: 3.60
1	0 inches	12 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.80 Min: 6.10
2	11 inches	55 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60
2	12 inches	29 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.60
2	11 inches	55 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60
3	55 inches	72 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

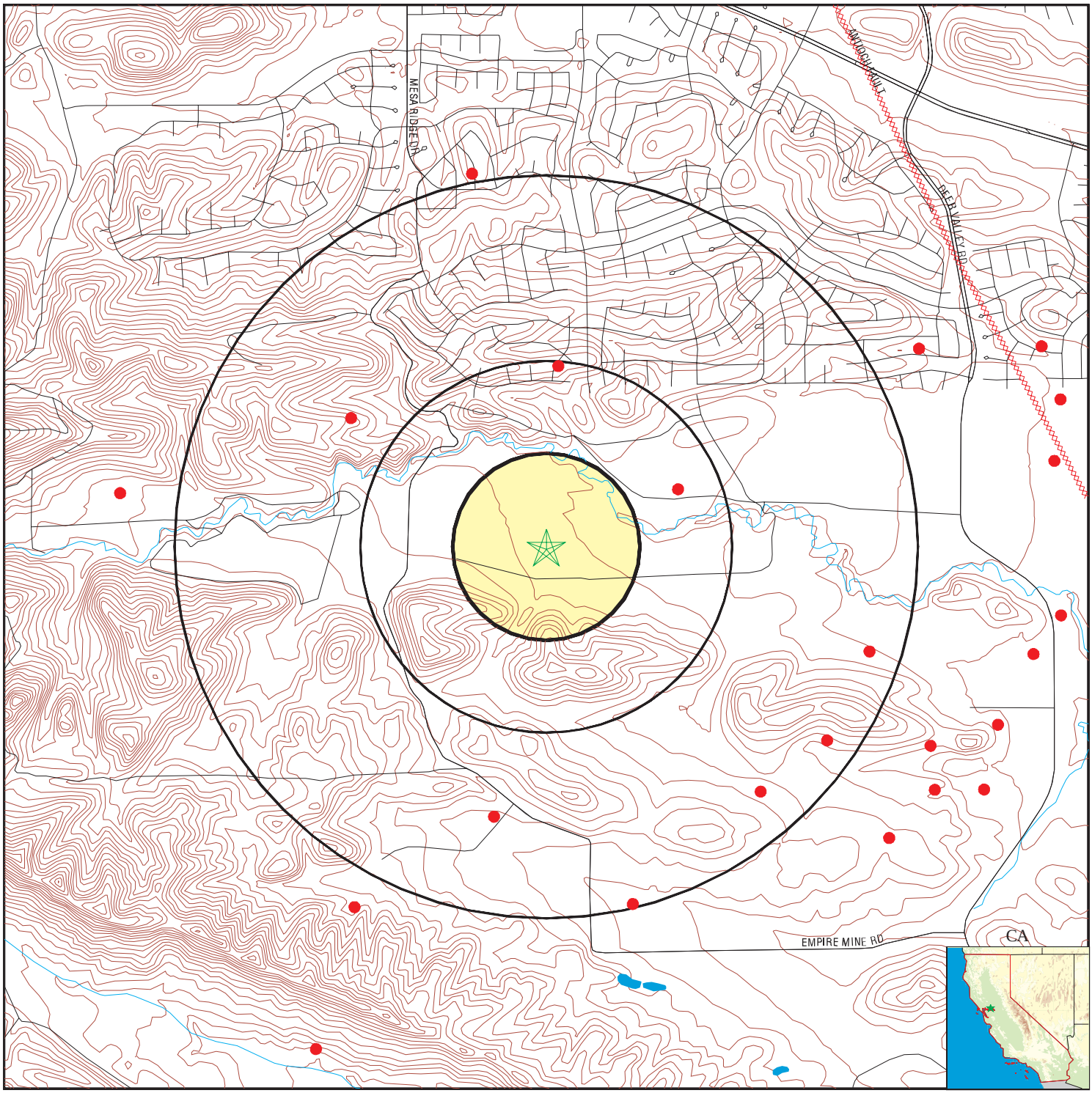
MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

DISTANCE FROM TP (Miles)	DISTANCE FROM TP (Miles)
1 - 2 Miles North	1 - 2 Miles ENE
1 - 2 Miles ENE	1/4 - 1/2 Mile North
1 - 2 Miles ENE	1/2 - 1 Mile WNW
1 - 2 Miles East	1/4 - 1/2 Mile ENE
1 - 2 Miles West	1 - 2 Miles East
1/2 - 1 Mile ESE	1 - 2 Miles ESE
1 - 2 Miles ESE	1/2 - 1 Mile SE
1 - 2 Miles ESE	1 - 2 Miles ESE
1 - 2 Miles ESE	1/2 - 1 Mile SE
1/2 - 1 Mile South	1 - 2 Miles SE
1/2 - 1 Mile SSE	1 - 2 Miles SSW
1 - 2 Miles SSW	

PHYSICAL SETTING SOURCE MAP - 1648192.18s



- 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

0 1/4 1/2 1 Miles

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

N

SITE NAME: Sand Creek Ranch	CLIENT: Engeo Inc.
ADDRESS: Sand Creek Ranch Antioch CA 94531	CONTACT: Richard Gandolfo
LAT/LONG: 37.9482 / 121.7986	INQUIRY #: 1648192.18s DATE: April 04, 2006

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

North
1 - 2 Miles | **OIL_GAS** | **CA00004695**

Well Number:	1	Status:	Plugged and abandoned-dry hole
API Number:	01300253	Operator:	Brazos Oil & Gas Co.
Latitude:	37.96284	Longitude:	-121.80119
Region:	6	Lease:	Prewett Gas Unit
Section:	06	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	8000.00000
Spud Date:	10/9/1963	Abandonment Date:	10/21/1963

ENE
1 - 2 Miles | **OIL_GAS** | **CA00004877**

Well Number:	4-5	Status:	Plugged and abandoned oil
API Number:	01300056	Operator:	Occidental Petroleum Corp.
Latitude:	37.95610	Longitude:	-121.77313
Region:	6	Lease:	Prewett
Section:	05	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	5184.00000
Spud Date:	5/1/1964	Abandonment Date:	4/3/1992

ENE
1 - 2 Miles | **OIL_GAS** | **CA00004876**

Well Number:	3-5	Status:	Plugged and abandoned-dry hole
API Number:	01300055	Operator:	SWEPI
Latitude:	37.95601	Longitude:	-121.77917
Region:	6	Lease:	Prewett
Section:	05	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	6328.00000
Spud Date:	10/30/1963	Abandonment Date:	11/12/1963

North
1/4 - 1/2 Mile | **OIL_GAS** | **CA00004501**

Well Number:	1-6	Status:	Plugged and abandoned-dry hole
API Number:	01320147	Operator:	UMC Petroleum Corp.
Latitude:	37.95533	Longitude:	-121.79694
Region:	6	Lease:	Dallas et al
Section:	06	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4550.00000
Spud Date:	8/7/1979	Abandonment Date:	8/17/1979

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

ENE
1 - 2 Miles | **OIL_GAS** | **CA00004356**

Well Number:	4	Status:	Plugged and abandoned oil
API Number:	01320292	Operator:	Venturini Associates, Inc.
Latitude:	37.95403	Longitude:	-121.77220
Region:	6	Lease:	Enea-Capitol
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4005.00000
Spud Date:	7/28/1989	Abandonment Date:	11/3/1993

WNW
1/2 - 1 Mile | **OIL_GAS** | **CA00004596**

Well Number:	1	Status:	Plugged and abandoned-dry hole
API Number:	01320040	Operator:	L.A. Thomson and A.A. Rembold
Latitude:	37.95330	Longitude:	-121.80715
Region:	6	Lease:	Higgins
Section:	12	Township:	01N
Range:	01E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	6106.00000
Spud Date:	9/17/1968	Abandonment Date:	10/6/1968

East
1 - 2 Miles | **OIL_GAS** | **CA00004900**

Well Number:	2-8	Status:	Completed gas
API Number:	01300034	Operator:	Occidental Petroleum Corp.
Latitude:	37.95163	Longitude:	-121.77250
Region:	6	Lease:	Enea-Capital
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	5100.00000
Spud Date:	7/1/1964	Abandonment Date:	4/7/1992

ENE
1/4 - 1/2 Mile | **OIL_GAS** | **CA00004696**

Well Number:	1	Status:	Plugged and abandoned-dry hole-directional
API Number:	01300254	Operator:	Exxon Corp.
Latitude:	37.95052	Longitude:	-121.79104
Region:	6	Lease:	Myrvin C. Carey
Section:	07	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	9030.00000
Spud Date:	11/10/1962	Abandonment Date:	1/2/1963

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

West
1 - 2 Miles | **OIL_GAS** | **CA00004691**

Well Number:	1-12	Status:	Plugged and abandoned-dry hole
API Number:	01300249	Operator:	SWEPI
Latitude:	37.95037	Longitude:	-121.81853
Region:	6	Lease:	Higgins
Section:	12	Township:	01N
Range:	01E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	6486.00000
Spud Date:	4/14/1964	Abandonment Date:	4/29/1964

East
1 - 2 Miles | **OIL_GAS** | **CA00004567**

Well Number:	2	Status:	Plugged and abandoned-dry hole-directional
API Number:	01320079	Operator:	Sinco Oil Corp.
Latitude:	37.94560	Longitude:	-121.77217
Region:	6	Lease:	Sullenger
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4264.00000
Spud Date:	12/16/1971	Abandonment Date:	12/31/1971

ESE
1/2 - 1 Mile | **OIL_GAS** | **CA00004878**

Well Number:	3-8	Status:	Plugged and abandoned-dry hole
API Number:	01300057	Operator:	SWEPI
Latitude:	37.94419	Longitude:	-121.78161
Region:	6	Lease:	Qvale
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4857.00000
Spud Date:	12/5/1962	Abandonment Date:	12/21/1962

ESE
1 - 2 Miles | **OIL_GAS** | **CA00004863**

Well Number:	42-8	Status:	Plugged and abandoned oil
API Number:	01300065	Operator:	Occidental Petroleum Corp.
Latitude:	37.94409	Longitude:	-121.77353
Region:	6	Lease:	Sullenger
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4396.00000
Spud Date:	1/16/1964	Abandonment Date:	12/8/1993

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

ESE
1 - 2 Miles | **OIL_GAS** | **CA00004880**

Well Number:	41-8	Status:	Plugged and abandoned-dry hole
API Number:	01300059	Operator:	SWEPI
Latitude:	37.94133	Longitude:	-121.77528
Region:	6	Lease:	Qvale
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4500.00000
Spud Date:	11/28/1963	Abandonment Date:	12/6/1963

SE
1/2 - 1 Mile | **OIL_GAS** | **CA00004549**

Well Number:	1	Status:	Plugged and abandoned gas
API Number:	01320083	Operator:	Sinco Oil Corp.
Latitude:	37.94072	Longitude:	-121.78370
Region:	6	Lease:	Qvale
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4347.00000
Spud Date:	1/22/1972	Abandonment Date:	6/10/1988

ESE
1 - 2 Miles | **OIL_GAS** | **CA00004879**

Well Number:	2	Status:	Plugged and abandoned gas
API Number:	01300058	Operator:	Sinco Oil Corp.
Latitude:	37.94051	Longitude:	-121.77860
Region:	6	Lease:	Qvale
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4425.00000
Spud Date:	1/5/1964	Abandonment Date:	6/13/1988

ESE
1 - 2 Miles | **OIL_GAS** | **CA00004912**

Well Number:	51-17	Status:	Plugged and abandoned gas
API Number:	01300024	Operator:	Venturini Associates, Inc.
Latitude:	37.93880	Longitude:	-121.77596
Region:	6	Lease:	Ginochio
Section:	17	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4219.00000
Spud Date:	9/12/1963	Abandonment Date:	8/25/1986

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

ESE
1 - 2 Miles | **OIL_GAS** | **CA00004907**

Well Number:	41-17	Status:	Plugged and abandoned gas
API Number:	01300019	Operator:	Venturini Associates, Inc.
Latitude:	37.93879	Longitude:	-121.77839
Region:	6	Lease:	Ginochio
Section:	17	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4293.00000
Spud Date:	10/1/1963	Abandonment Date:	8/6/1984

SE
1/2 - 1 Mile | **OIL_GAS** | **CA00004373**

Well Number:	1-18	Status:	Plugged and abandoned-dry hole-directional
API Number:	01320287	Operator:	Baker Oil & Gas Co.
Latitude:	37.93872	Longitude:	-121.78697
Region:	6	Lease:	Fleet-Oak Hill Park
Section:	18	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4201.00000
Spud Date:	3/4/1989	Abandonment Date:	7/18/1989

South
1/2 - 1 Mile | **OIL_GAS** | **CA00004623**

Well Number:	1	Status:	Plugged and abandoned-dry hole
API Number:	01320002	Operator:	S.M. Reynolds, Operator
Latitude:	37.93774	Longitude:	-121.80011
Region:	6	Lease:	N.L. & F.
Section:	18	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	3933.00000
Spud Date:	3/25/1967	Abandonment Date:	4/16/1967

SE
1 - 2 Miles | **OIL_GAS** | **CA00004911**

Well Number:	32-17	Status:	Plugged and abandoned-dry hole-directional
API Number:	01300023	Operator:	Sinco Oil Corp.
Latitude:	37.93691	Longitude:	-121.78064
Region:	6	Lease:	Ginochio
Section:	17	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4296.00000
Spud Date:	2/7/1964	Abandonment Date:	2/27/1964

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

SSE
1/2 - 1 Mile | **OIL_GAS** | **CA00004677**

Well Number:	2-18	Status:	Plugged and abandoned-dry hole
API Number:	01300258	Operator:	SWEPI
Latitude:	37.93433	Longitude:	-121.79327
Region:	6	Lease:	Gursky
Section:	18	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4487.00000
Spud Date:	5/19/1964	Abandonment Date:	5/30/1964

SSW
1 - 2 Miles | **OIL_GAS** | **CA00004627**

Well Number:	2	Status:	Plugged and abandoned-dry hole
API Number:	01320006	Operator:	S.M. Reynolds, Operator
Latitude:	37.93421	Longitude:	-121.80698
Region:	6	Lease:	N.L. & F.
Section:	13	Township:	01N
Range:	01E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	2992.00000
Spud Date:	5/23/1967	Abandonment Date:	5/28/1967

SSW
1 - 2 Miles | **OIL_GAS** | **CA00004577**

Well Number:	1	Status:	Plugged and abandoned-dry hole
API Number:	01320066	Operator:	Imperial Oil & Gas Limited
Latitude:	37.92867	Longitude:	-121.80888
Region:	6	Lease:	Ennis
Section:	13	Township:	01N
Range:	01E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	1726.00000
Spud Date:	2/5/1971	Abandonment Date:	2/9/1971

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for CONTRA COSTA County: 2

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

Federal Area Radon Information for CONTRA COSTA COUNTY, CA

Number of sites tested: 55

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.760 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.300 pCi/L	100%	0%	0%
Basement	0.525 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations for District 2, 3, 5 and 6
Source: Department of Conservation
Telephone: 916-323-1779

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

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

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

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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The EDR Radius Map™ Report

Sand Creek Ranch
5599 Empire Mine Road
Antioch, CA 94531

Inquiry Number: 1648192.2s

April 04, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

5599 EMPIRE MINE ROAD
ANTIOCH, CA 94531

COORDINATES

Latitude (North):	37.938000 - 37° 56' 16.8''
Longitude (West):	121.792900 - 121° 47' 34.4''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	606073.9
UTM Y (Meters):	4199417.5
Elevation:	342 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	37121-H7 ANTIOCH SOUTH, CA
Most Recent Revision:	1980

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:

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL RECOVERY	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
CORRACTS	Corrective Action Report
RCRA-TSDF	Resource Conservation and Recovery Act Information
RCRA-LQG	Resource Conservation and Recovery Act Information

EXECUTIVE SUMMARY

RCRA-SQG Resource Conservation and Recovery Act Information
ERNS Emergency Response Notification System
HMIRS Hazardous Materials Information Reporting System
US ENG CONTROLS Engineering Controls Sites List
US INST CONTROL Sites with Institutional Controls
DOD Department of Defense Sites
FUDS Formerly Used Defense Sites
US BROWNFIELDS A Listing of Brownfields Sites
CONSENT Superfund (CERCLA) Consent Decrees
ROD Records Of Decision
UMTRA Uranium Mill Tailings Sites
ODI Open Dump Inventory
TRIS Toxic Chemical Release Inventory System
TSCA Toxic Substances Control Act
FTTS FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS Section 7 Tracking Systems
PADS PCB Activity Database System
MLTS Material Licensing Tracking System
MINES Mines Master Index File
FINDS Facility Index System/Facility Registry System
RAATS RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

AWP Annual Workplan Sites
Cal-Sites Calsites Database
CA BOND EXP. PLAN Bond Expenditure Plan
NFA No Further Action Determination
NFE Properties Needing Further Evaluation
REF Unconfirmed Properties Referred to Another Agency
SCH School Property Evaluation Program
Toxic Pits Toxic Pits Cleanup Act Sites
SWF/LF Solid Waste Information System
CA WDS Waste Discharge System
WMUDS/SWAT Waste Management Unit Database
Cortese "Cortese" Hazardous Waste & Substances Sites List
SWRCY Recycler Database
LUST Geotracker's Leaking Underground Fuel Tank Report
CA FID UST Facility Inventory Database
SLIC Statewide SLIC Cases
UST Active UST Facilities
HIST UST Hazardous Substance Storage Container Database
AST Aboveground Petroleum Storage Tank Facilities
CONTRA COSTA CO. SITE LIST Site List
SWEEPS UST SWEEPS UST Listing
CHMIRS California Hazardous Material Incident Report System
Notify 65 Proposition 65 Records
DEED Deed Restriction Listing
VCP Voluntary Cleanup Program Properties
CLEANERS Cleaner Facilities
WIP Well Investigation Program Case List
CDL Clandestine Drug Labs
HAZNET Facility and Manifest Data
EMI Emissions Inventory Data

EXECUTIVE SUMMARY

TRIBAL RECORDS

INDIAN RESERV Indian Reservations
INDIAN LUST Leaking Underground Storage Tanks on Indian Land
INDIAN UST Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations EDR Proprietary Historic Gas Stations
EDR Historical Cleaners EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

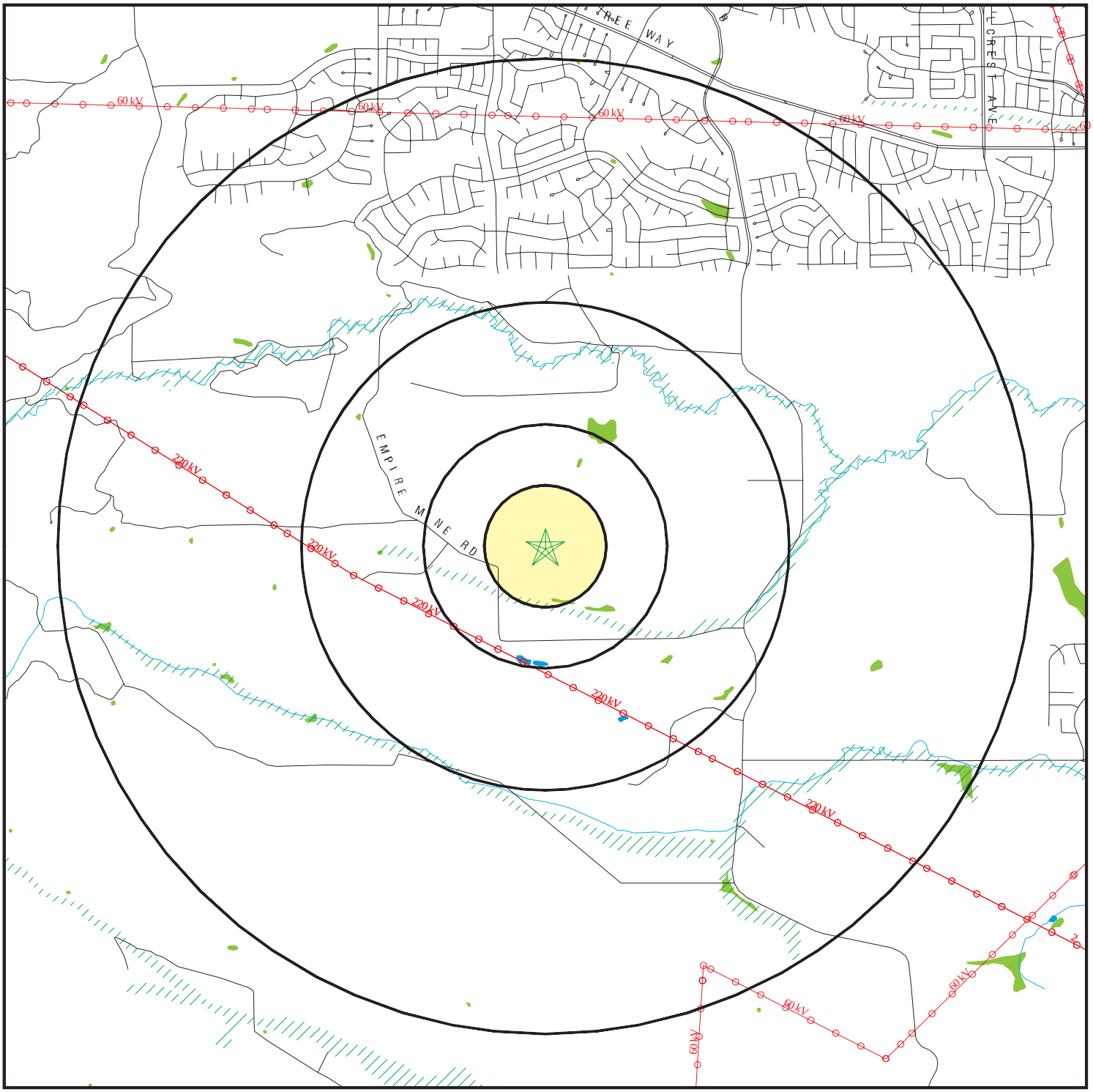
Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

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

Site Name	Database(s)
UNIMIN CORPORATION	CHMIRS, EMI
BLUE GOOSE PROPERTIES	LUST, Cortese
SANTA FE PACIFIC PIPELINE PARTNERS	CERC-NFRAP
DOW CHEMICAL CO.- MARSH CREEK DEHYDRATION STATION	SLIC, HIST UST
DECKER ISLAND SAND HAVESTING	CA WDS

OVERVIEW MAP - 1648192.2s



- 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
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Federal 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: Sand Creek Ranch ADDRESS: 5599 Empire Mine Road Antioch CA 94531 LAT/LONG: 37.9380 / 121.7929	CLIENT: Engeo Inc. CONTACT: Richard Gandolfo INQUIRY #: 1648192.2s DATE: April 04, 2006

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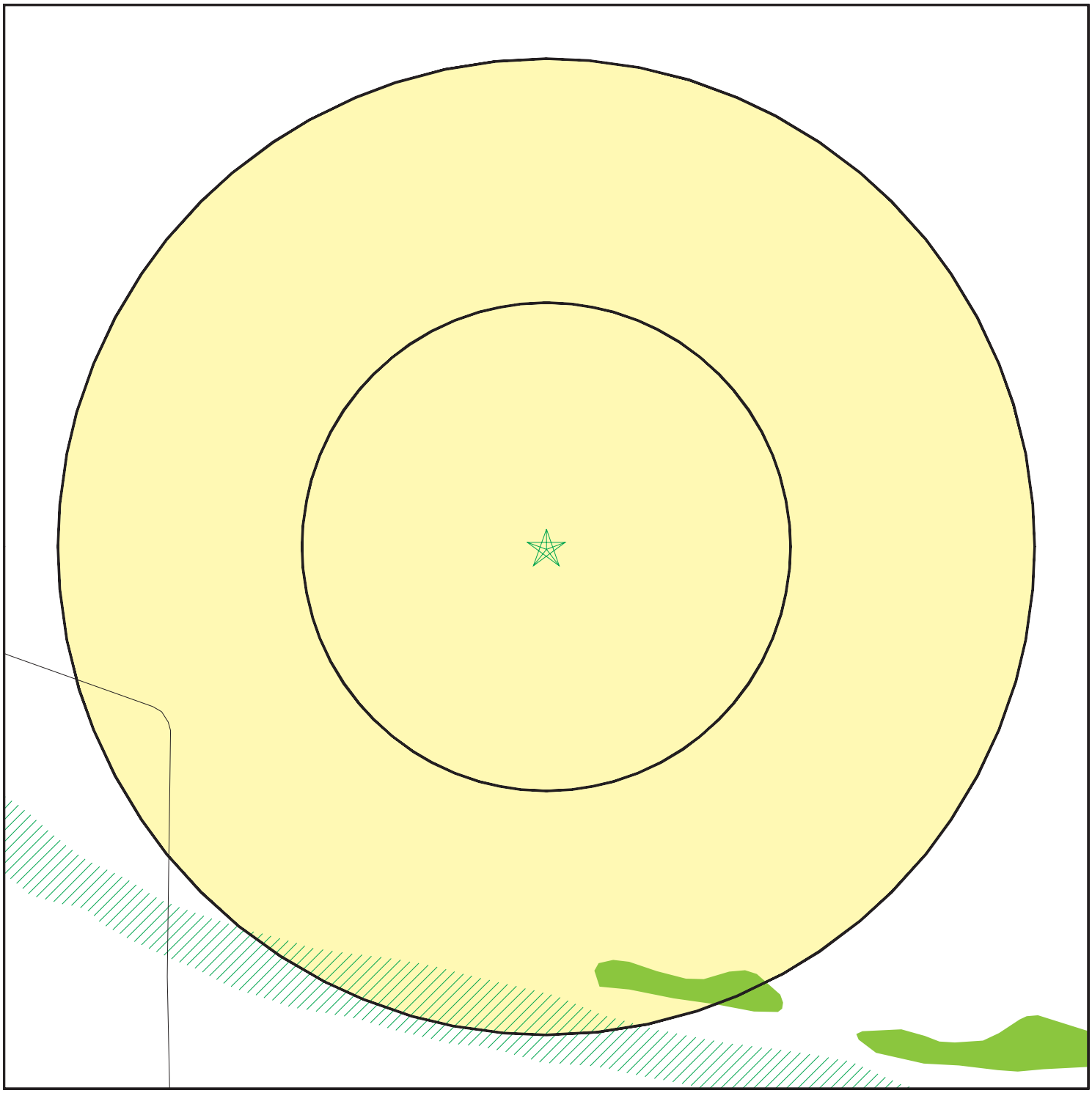
DETAIL MAP - 1648192.2s



- 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
- Landfill Sites
- Dept. Defense Sites

0 1/16 1/8 1/4 Miles

- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Federal Wetlands
- Areas of Concern

N

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

SITE NAME: Sand Creek Ranch ADDRESS: 5599 Empire Mine Road Antioch CA 94531 LAT/LONG: 37.9380 / 121.7929	CLIENT: Engeo Inc. CONTACT: Richard Gandolfo INQUIRY #: 1648192.2s DATE: April 04, 2006

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL RECORDS								
NPL		1.500	0	0	0	0	0	0
Proposed NPL		1.500	0	0	0	0	0	0
Delisted NPL		1.500	0	0	0	0	0	0
NPL RECOVERY		0.500	0	0	0	NR	NR	0
CERCLIS		1.000	0	0	0	0	NR	0
CERC-NFRAP		1.000	0	0	0	0	NR	0
CORRACTS		1.500	0	0	0	0	0	0
RCRA TSD		1.000	0	0	0	0	NR	0
RCRA Lg. Quan. Gen.		0.750	0	0	0	0	NR	0
RCRA Sm. Quan. Gen.		0.750	0	0	0	0	NR	0
ERNS		0.500	0	0	0	NR	NR	0
HMIRS		0.500	0	0	0	NR	NR	0
US ENG CONTROLS		1.000	0	0	0	0	NR	0
US INST CONTROL		1.000	0	0	0	0	NR	0
DOD		1.500	0	0	0	0	0	0
FUDS		1.500	0	0	0	0	0	0
US BROWNFIELDS		1.000	0	0	0	0	NR	0
CONSENT		1.500	0	0	0	0	0	0
ROD		1.500	0	0	0	0	0	0
UMTRA		1.000	0	0	0	0	NR	0
ODI		1.000	0	0	0	0	NR	0
TRIS		0.500	0	0	0	NR	NR	0
TSCA		0.500	0	0	0	NR	NR	0
FTTS		0.500	0	0	0	NR	NR	0
SSTS		0.500	0	0	0	NR	NR	0
PADS		0.500	0	0	0	NR	NR	0
MLTS		0.500	0	0	0	NR	NR	0
MINES		0.750	0	0	0	0	NR	0
FINDS		0.500	0	0	0	NR	NR	0
RAATS		0.500	0	0	0	NR	NR	0
STATE AND LOCAL RECORDS								
AWP		1.500	0	0	0	0	0	0
Cal-Sites		1.500	0	0	0	0	0	0
CA Bond Exp. Plan		1.500	0	0	0	0	0	0
NFA		0.750	0	0	0	0	NR	0
NFE		0.750	0	0	0	0	NR	0
REF		0.750	0	0	0	0	NR	0
SCH		0.750	0	0	0	0	NR	0
Toxic Pits		1.500	0	0	0	0	0	0
State Landfill		1.000	0	0	0	0	NR	0
CA WDS		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		1.000	0	0	0	0	NR	0
Cortese		1.000	0	0	0	0	NR	0
SWRCY		1.000	0	0	0	0	NR	0
LUST		1.000	0	0	0	0	NR	0
CA FID UST		0.750	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC		1.000	0	0	0	0	NR	0
UST		0.750	0	0	0	0	NR	0
HIST UST		0.750	0	0	0	0	NR	0
AST		0.750	0	0	0	0	NR	0
Contra Costa Co. Site List		0.750	0	0	0	0	NR	0
SWEEPS UST		0.750	0	0	0	0	NR	0
CHMIRS		0.500	0	0	0	NR	NR	0
Notify 65		1.500	0	0	0	0	0	0
DEED		1.000	0	0	0	0	NR	0
VCP		1.000	0	0	0	0	NR	0
DRYCLEANERS		0.750	0	0	0	0	NR	0
WIP		0.750	0	0	0	0	NR	0
CDL		0.500	0	0	0	NR	NR	0
HAZNET		0.500	0	0	0	NR	NR	0
EMI		0.500	0	0	0	NR	NR	0
TRIBAL RECORDS								
INDIAN RESERV		1.500	0	0	0	0	0	0
INDIAN LUST		1.000	0	0	0	0	NR	0
INDIAN UST		0.750	0	0	0	0	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.500	0	0	0	0	0	0
EDR Historical Auto Stations		0.750	0	0	0	0	NR	0
EDR Historical Cleaners		0.750	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site	Database(s)	EDR ID Number EPA ID Number
	NO SITES FOUND		

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ANTIOCH	S106104161	DECKER ISLAND SAND HAVESTING	HORSE SHOE BEND SAC RIVER		CA WDS
BRENTWOOD	S105022926	BLUE GOOSE PROPERTIES	380 HWY 4 S	94513	LUST, Cortese
BRENTWOOD	1003879687	SANTA FE PACIFIC PIPELINE PARTNERS	SE CORNER OF BALFOUR RD & FAIRVIEW AVE.	94513	CERC-NFRAP
BRENTWOOD	U001596352	DOW CHEMICAL CO.- MARSH CREEK DEHYDRATION STATION	MARSH CREEK	94513	SLIC, HIST UST
CONTRA COSTA COUNTY	S105631151	UNIMIN CORPORATION	CAMINO DIABLO RD		CHMIRS, EMI

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.

FEDERAL RECORDS

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: 02/24/2006
Date Data Arrived at EDR: 03/01/2006
Date Made Active in Reports: 03/31/2006
Number of Days to Update: 30

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2006
Next Scheduled EDR Contact: 05/01/2006
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 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 02/24/2006
Date Data Arrived at EDR: 03/01/2006
Date Made Active in Reports: 03/31/2006
Number of Days to Update: 30

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: Quarterly

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: 02/24/2006
Date Data Arrived at EDR: 03/01/2006
Date Made Active in Reports: 03/31/2006
Number of Days to Update: 30

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: Quarterly

NPL RECOVERY: Federal Superfund Liens

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

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

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 10/24/2005
Date Data Arrived at EDR: 12/21/2005
Date Made Active in Reports: 01/30/2006
Number of Days to Update: 40

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 03/21/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 10/24/2005
Date Data Arrived at EDR: 12/21/2005
Date Made Active in Reports: 01/30/2006
Number of Days to Update: 40

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 03/21/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/29/2005
Date Data Arrived at EDR: 01/11/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 41

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/21/2006
Date Data Arrived at EDR: 03/01/2006
Date Made Active in Reports: 03/31/2006
Number of Days to Update: 30

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/01/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 01/12/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 40

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Last EDR Contact: 01/12/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 01/16/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 36

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: Annually

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

Date of Government Version: 08/02/2005
Date Data Arrived at EDR: 08/12/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 703-603-8867
Last EDR Contact: 03/03/2006
Next Scheduled EDR Contact: 07/03/2006
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: 01/10/2005
Date Data Arrived at EDR: 02/11/2005
Date Made Active in Reports: 04/06/2005
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 703-603-8867
Last EDR Contact: 03/03/2006
Next Scheduled EDR Contact: 07/03/2006
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: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 02/06/2006
Next Scheduled EDR Contact: 05/08/2006
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 01/19/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 33

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 11/29/2005
Date Data Arrived at EDR: 12/05/2005
Date Made Active in Reports: 01/30/2006
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/13/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Semi-Annually

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: 12/14/2004
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 04/25/2005
Number of Days to Update: 69

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/13/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 12/07/2005
Date Data Arrived at EDR: 01/06/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 46

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/04/2006
Next Scheduled EDR Contact: 04/03/2006
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 11/04/2005
Date Data Arrived at EDR: 11/28/2005
Date Made Active in Reports: 01/30/2006
Number of Days to Update: 63

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 03/20/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 07/13/2005
Date Made Active in Reports: 08/17/2005
Number of Days to Update: 35

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 03/21/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/27/2004
Date Made Active in Reports: 05/21/2004
Number of Days to Update: 24

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: Every 4 Years

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

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

Date of Government Version: 01/17/2006
Date Data Arrived at EDR: 01/24/2006
Date Made Active in Reports: 02/27/2006
Number of Days to Update: 34

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 03/20/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Quarterly

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

Date of Government Version: 01/17/2006
Date Data Arrived at EDR: 01/24/2006
Date Made Active in Reports: 02/27/2006
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 03/20/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Quarterly

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: 12/31/2003
Date Data Arrived at EDR: 01/03/2005
Date Made Active in Reports: 01/25/2005
Number of Days to Update: 22

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: Annually

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: 12/27/2005
Date Data Arrived at EDR: 02/08/2006
Date Made Active in Reports: 02/27/2006
Number of Days to Update: 19

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 02/08/2006
Next Scheduled EDR Contact: 05/08/2006
Data Release Frequency: Annually

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: 02/10/2006
Date Data Arrived at EDR: 02/16/2006
Date Made Active in Reports: 03/31/2006
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Quarterly

MINES: Mines Master Index File

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

Date of Government Version: 11/08/2005
Date Data Arrived at EDR: 12/27/2005
Date Made Active in Reports: 01/30/2006
Number of Days to Update: 34

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/29/2006
Next Scheduled EDR Contact: 06/26/2006
Data Release Frequency: Semi-Annually

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: 01/09/2006
Date Data Arrived at EDR: 01/16/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 36

Source: EPA
Telephone: N/A
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
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: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/17/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE AND LOCAL RECORDS

AWP: Annual Workplan Sites

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 09/21/2005
Number of Days to Update: 23

Source: California Environmental Protection Agency
Telephone: 916-323-3400
Last EDR Contact: 03/16/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Annually

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.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 09/21/2005
Number of Days to Update: 23

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NFA: No Further Action Determination

This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Quarterly

NFE: Properties Needing Further Evaluation

This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 09/21/2005
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Quarterly

REF: Unconfirmed Properties Referred to Another Agency

This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Quarterly

SCH: School Property Evaluation Program

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

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/30/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 12/08/2005
Date Data Arrived at EDR: 12/13/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 37

Source: Integrated Waste Management Board
Telephone: 916-341-6320
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Quarterly

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 12/19/2005
Date Data Arrived at EDR: 12/21/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 29

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 03/21/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Quarterly

WMUDS/SWAT: Waste Management Unit Database

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 05/29/2001
Date Made Active in Reports: 07/26/2001
Number of Days to Update: 58

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-9100
Last EDR Contact: 02/06/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: No Update Planned

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

Date of Government Version: 01/05/2006
Date Data Arrived at EDR: 01/09/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 22

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Quarterly

LUST: Geotracker's Leaking Underground Fuel Tank Report
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 01/09/2006
Date Data Arrived at EDR: 01/09/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 916-341-5752
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Quarterly

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

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

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 03/28/2006
Next Scheduled EDR Contact: 06/26/2006
Data Release Frequency: No Update Planned

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

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: No Update Planned

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: 858-467-2980
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/17/2006
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: 951-782-4130
Last EDR Contact: 02/06/2006
Next Scheduled EDR Contact: 05/08/2006
Data Release Frequency: Varies

LUST REG 7: Leaking Underground Storage Tank Case Listing

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: 760-346-7491
Last EDR Contact: 12/27/2005
Next Scheduled EDR Contact: 03/27/2006
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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: 760-346-7491
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Date of Government Version: 01/15/2006
Date Data Arrived at EDR: 01/16/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 36

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/03/2006
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

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: 805-549-3147
Last EDR Contact: 02/13/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

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

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

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

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: 510-286-0457
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Quarterly

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

SLIC: Statewide SLIC Cases

The Spills, Leaks, Investigations, and Cleanups (SLIC) listings includes unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites.

Date of Government Version: 01/09/2006
Date Data Arrived at EDR: 01/09/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 916-341-5752
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: No Update Planned

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

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Quarterly

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

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 02/17/2006
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 24

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 02/13/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Semi-Annually

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

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

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

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 01/23/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Varies

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

Unregulated sites that impact groundwater or have the potential to impact groundwater.

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

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/03/2006
Data Release Frequency: Semi-Annually

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

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: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

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: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

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: 03/06/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: No Update Planned

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

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 01/17/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 35

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 01/17/2006
Next Scheduled EDR Contact: 04/03/2006
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/14/2005
Date Data Arrived at EDR: 12/14/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 36

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 03/13/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Annually

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/09/2006
Date Data Arrived at EDR: 01/09/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 22

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Semi-Annually

HIST UST: Hazardous Substance Storage Container Database

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

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

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

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 01/30/2006
Date Data Arrived at EDR: 01/30/2006
Date Made Active in Reports: 02/17/2006
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 01/30/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: Quarterly

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 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

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

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

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 11/30/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 50

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records

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

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

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

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

Date of Government Version: 01/03/2006
Date Data Arrived at EDR: 01/04/2006
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 15

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/03/2006
Next Scheduled EDR Contact: 04/03/2006
Data Release Frequency: Semi-Annually

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: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 09/21/2005
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Quarterly

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: 04/18/2005
Date Data Arrived at EDR: 04/18/2005
Date Made Active in Reports: 05/06/2005
Number of Days to Update: 18

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

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

Date of Government Version: 01/23/2006
Date Data Arrived at EDR: 01/24/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 28

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 01/23/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Varies

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: 12/31/2005
Date Data Arrived at EDR: 02/10/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 31

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 02/08/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

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

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 10/11/2005
Date Made Active in Reports: 10/31/2005
Number of Days to Update: 20

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 02/24/2006
Next Scheduled EDR Contact: 05/08/2006
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: 12/31/2003
Date Data Arrived at EDR: 07/19/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 23

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: Varies

TRIBAL RECORDS

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: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 02/06/2006
Next Scheduled EDR Contact: 05/08/2006
Data Release Frequency: Semi-Annually

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

Date of Government Version: 09/07/2005
Date Data Arrived at EDR: 09/08/2005
Date Made Active in Reports: 10/31/2005
Number of Days to Update: 53

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/10/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Varies

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

Date of Government Version: 12/01/2005
Date Data Arrived at EDR: 01/03/2006
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Varies

INDIAN UST: Underground Storage Tanks on Indian Land

Date of Government Version: 11/08/2005
Date Data Arrived at EDR: 11/09/2005
Date Made Active in Reports: 12/12/2005
Number of Days to Update: 33

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

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

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

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

EDR Historical Auto Stations: EDR Proprietary Historic Gas 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.

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

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

EDR Historical Cleaners: EDR Proprietary Historic Dry 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.

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

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

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

Date of Government Version: 02/16/2006
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 24

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/23/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Semi-Annually

Underground Tanks

Date of Government Version: 02/27/2006
Date Data Arrived at EDR: 02/28/2006
Date Made Active in Reports: 03/23/2006
Number of Days to Update: 23

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 02/27/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

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

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/09/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 41

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 03/13/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

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

Date of Government Version: 01/18/2006
Date Data Arrived at EDR: 01/18/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 34

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/18/2006
Next Scheduled EDR Contact: 05/08/2006
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/09/2005
Date Made Active in Reports: 01/11/2006
Number of Days to Update: 33

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 03/27/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 07/07/1999
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 07/06/1999
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

City of El Segundo Underground Storage Tank

Date of Government Version: 02/27/2006
Date Data Arrived at EDR: 02/28/2006
Date Made Active in Reports: 03/23/2006
Number of Days to Update: 23

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 02/27/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

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

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 02/24/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Date of Government Version: 02/27/2006
Date Data Arrived at EDR: 02/28/2006
Date Made Active in Reports: 03/23/2006
Number of Days to Update: 23

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 02/27/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Semi-Annually

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/31/2005
Date Data Arrived at EDR: 01/30/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 22

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 02/13/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Date of Government Version: 02/14/2006
Date Data Arrived at EDR: 02/28/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 13

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 02/15/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Varies

City of Los Angeles Landfills

Date of Government Version: 03/01/2005
Date Data Arrived at EDR: 03/18/2005
Date Made Active in Reports: 04/08/2005
Number of Days to Update: 21

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/05/2006
Date Data Arrived at EDR: 02/16/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 25

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 02/03/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 02/10/2006
Date Data Arrived at EDR: 02/28/2006
Date Made Active in Reports: 03/23/2006
Number of Days to Update: 23

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/30/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

Date of Government Version: 12/27/2005
Date Data Arrived at EDR: 12/28/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 22

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/27/2006
Next Scheduled EDR Contact: 06/26/2006
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites

Date of Government Version: 12/27/2005
Date Data Arrived at EDR: 12/28/2005
Date Made Active in Reports: 01/11/2006
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/27/2006
Next Scheduled EDR Contact: 06/26/2006
Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 12/01/2005
Date Data Arrived at EDR: 12/20/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 30

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/08/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 12/01/2005
Date Data Arrived at EDR: 12/20/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 30

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/08/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 12/01/2005
Date Data Arrived at EDR: 12/16/2005
Date Made Active in Reports: 01/11/2006
Number of Days to Update: 26

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/08/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 01/18/2006
Date Data Arrived at EDR: 01/18/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 34

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 03/20/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Underground Storage Tank Tank List

Date of Government Version: 02/09/2006
Date Data Arrived at EDR: 02/10/2006
Date Made Active in Reports: 03/09/2006
Number of Days to Update: 27

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: Quarterly

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/09/2006
Date Data Arrived at EDR: 02/10/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 31

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS - Contaminated Sites

Date of Government Version: 02/02/2006
Date Data Arrived at EDR: 02/13/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 28

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/30/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List

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

Date of Government Version: 02/02/2006
Date Data Arrived at EDR: 02/10/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 31

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/30/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 12/21/2005
Date Data Arrived at EDR: 12/21/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 29

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

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

Date of Government Version: 05/16/2005
Date Data Arrived at EDR: 05/18/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 29

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 01/20/2006
Next Scheduled EDR Contact: 04/03/2006
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 12/29/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 21

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversite Facilities

Date of Government Version: 12/07/2005
Date Data Arrived at EDR: 12/07/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 43

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

Underground Storage Tank Information

Date of Government Version: 12/07/2005
Date Data Arrived at EDR: 12/07/2005
Date Made Active in Reports: 01/11/2006
Number of Days to Update: 35

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 01/09/2006
Date Data Arrived at EDR: 01/10/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 21

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Annually

Fuel Leak List

Date of Government Version: 01/11/2006
Date Data Arrived at EDR: 01/12/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 19

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

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: 03/28/2006
Next Scheduled EDR Contact: 06/26/2006
Data Release Frequency: No Update Planned

LOP Listing

A listing of open leaking underground storage tanks.

Date of Government Version: 10/24/2005
Date Data Arrived at EDR: 11/28/2005
Date Made Active in Reports: 12/12/2005
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 03/28/2006
Next Scheduled EDR Contact: 06/26/2006
Data Release Frequency: Varies

Hazardous Material Facilities

Date of Government Version: 12/12/2005
Date Data Arrived at EDR: 12/12/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 38

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Annually

SOLANO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Leaking Underground Storage Tanks

Date of Government Version: 12/13/2005
Date Data Arrived at EDR: 12/14/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 36

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/27/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Quarterly

Underground Storage Tanks

Date of Government Version: 10/13/2005
Date Data Arrived at EDR: 10/31/2005
Date Made Active in Reports: 12/08/2005
Number of Days to Update: 38

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/27/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Date of Government Version: 01/23/2006
Date Data Arrived at EDR: 01/23/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 29

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 01/23/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Date of Government Version: 12/31/0005
Date Data Arrived at EDR: 01/05/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 26

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 11/30/2005
Date Data Arrived at EDR: 01/04/2006
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 15

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/2005
Date Data Arrived at EDR: 09/20/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 16

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 11/30/2005
Date Data Arrived at EDR: 01/03/2006
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 16

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 12/29/2005
Date Data Arrived at EDR: 01/20/2006
Date Made Active in Reports: 02/15/2006
Number of Days to Update: 26

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/11/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Date of Government Version: 01/18/2006
Date Data Arrived at EDR: 02/09/2006
Date Made Active in Reports: 03/09/2006
Number of Days to Update: 28

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

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

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SAND CREEK RANCH
5599 EMPIRE MINE ROAD
ANTIOCH, CA 94531

TARGET PROPERTY COORDINATES

Latitude (North):	37.93800 - 37° 56' 16.8''
Longitude (West):	121.7929 - 121° 47' 34.4''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	606073.9
UTM Y (Meters):	4199417.5
Elevation:	342 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37121-H7 ANTIOCH SOUTH, CA
Most Recent Revision:	1980

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).

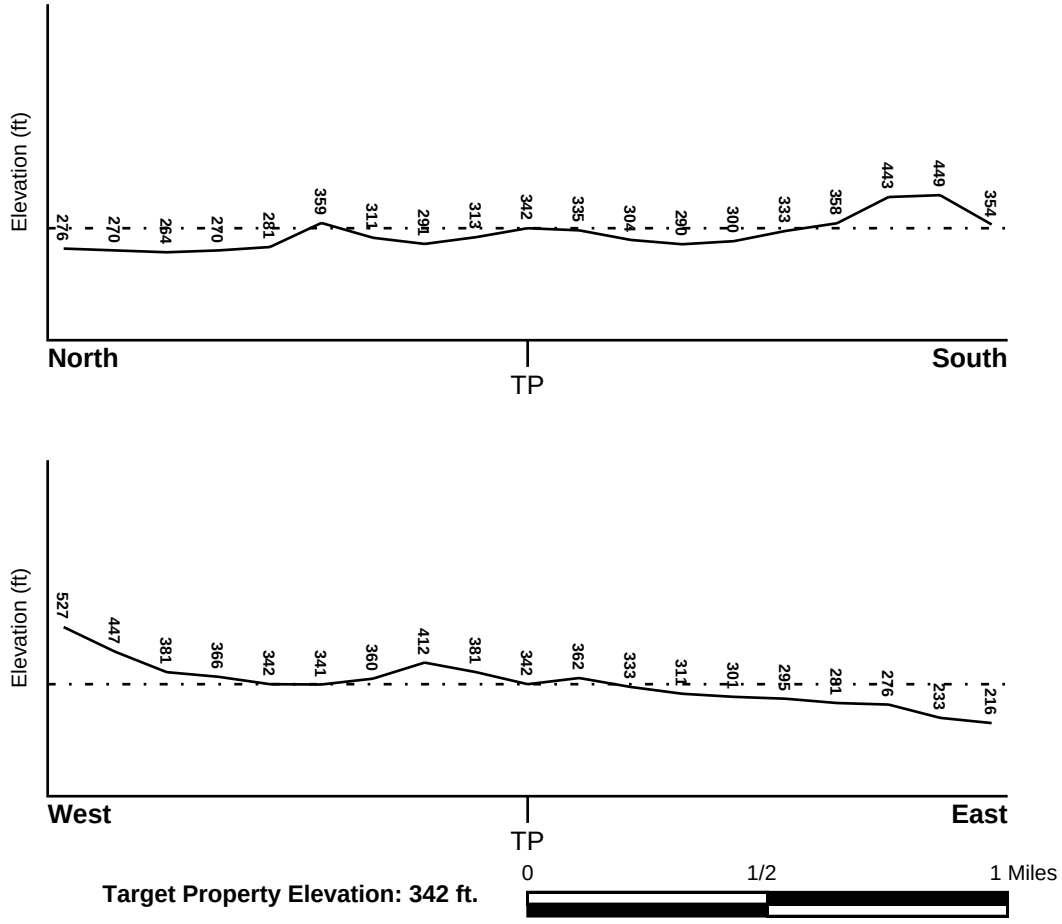
TOPOGRAPHIC INFORMATION

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 East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
CONTRA COSTA, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0600250335B

Additional Panels in search area: 0600250350B

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
ANTIOCH SOUTH	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

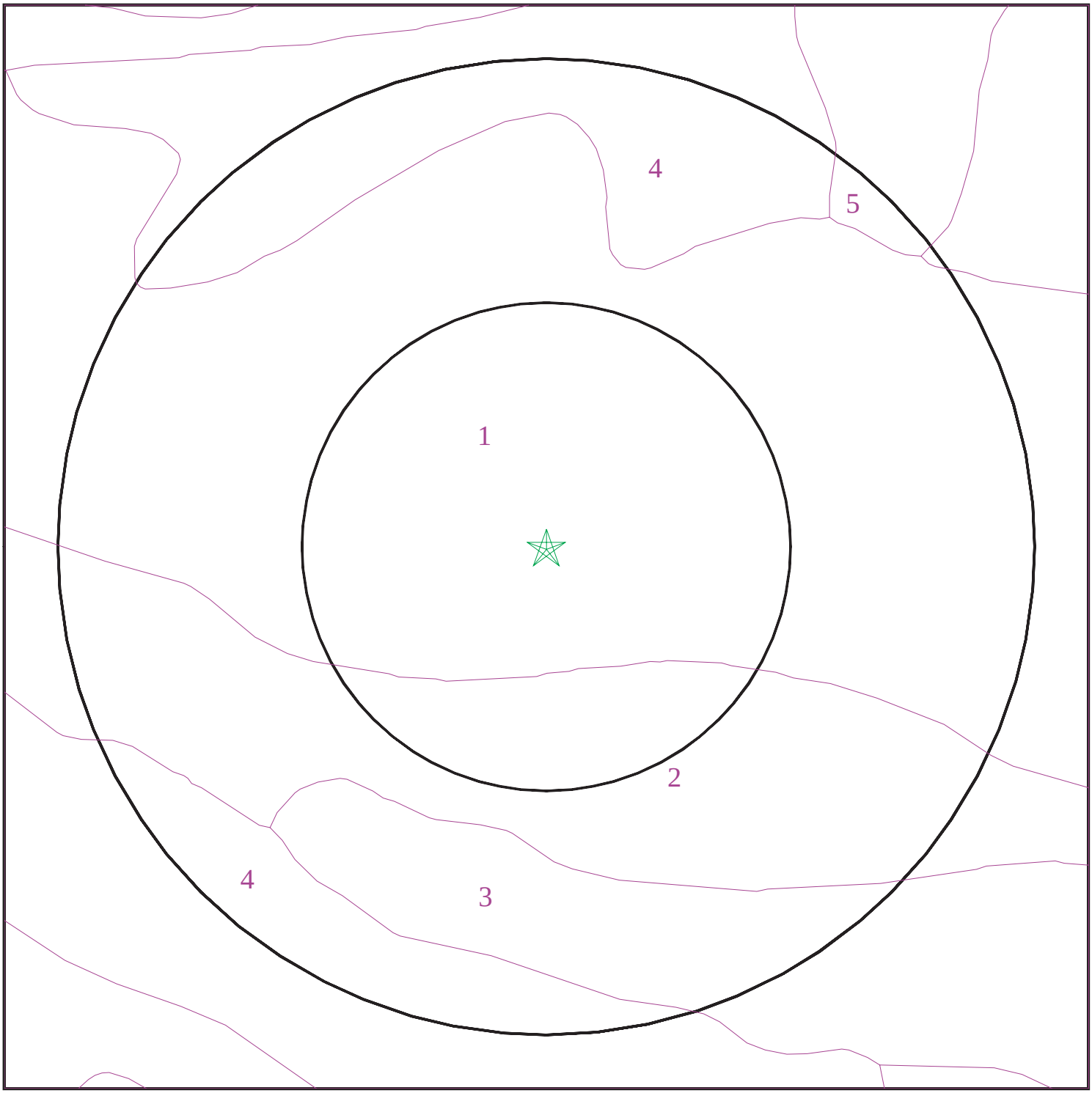
Era:	Cenozoic
System:	Tertiary
Series:	Eocene
Code:	Te *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

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

SSURGO SOIL MAP - 1648192.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Sand Creek Ranch	CLIENT:	Engeo Inc.
ADDRESS:	5599 Empire Mine Road Antioch CA 94531	CONTACT:	Richard Gandolfo
LAT/LONG:	37.9380 / 121.7929	INQUIRY #:	1648192.2s
		DATE:	April 04, 2006

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: BRIONES

Soil Surface Texture: loamy sand

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. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 20 inches

Depth to Bedrock Max: > 40 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	13 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.50 Min: 5.60
2	13 inches	32 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.50 Min: 5.10
3	32 inches	36 inches	weathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

Soil Map ID: 2

Soil Component Name: BRIONES

Soil Surface Texture: loamy sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat excessive. Soils have high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 20 inches

Depth to Bedrock Max: > 30 inches

Soil Layer Information

	Boundary			Classification			
Layer	**Upper**	**Lower**	**Soil Texture Class**	**AASHTO Group**	**Unified Soil**	**Permeability Rate (in/hr)**	**Soil Reaction (pH)**
1	0 inches	10 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.50 Min: 5.60
2	10 inches	25 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.50 Min: 5.10
3	25 inches	29 inches	weathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

Soil Map ID: 3

Soil Component Name: ALTAMONT

Soil Surface Texture: clay

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

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 40 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	26 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.60
2	26 inches	48 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 8.40 Min: 7.40
3	48 inches	52 inches	weathered bedrock	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

Soil Map ID: 4

Soil Component Name: SAN YSIDRO

Soil Surface Texture: loam

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

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	15 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 8.40 Min: 6.10
2	15 inches	54 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.06 Min: 0.00	Max: 8.40 Min: 6.10
3	54 inches	80 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 8.40 Min: 7.40

Soil Map ID: 5

Soil Component Name: ALTAMONT

Soil Surface Texture: clay

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

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 40 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	26 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.60
2	26 inches	48 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 8.40 Min: 7.40
3	48 inches	52 inches	weathered bedrock	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

Soil Map ID: 6

Soil Component Name: ALTAMONT

Soil Surface Texture: clay

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

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 40 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	26 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.60
2	26 inches	48 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 8.40 Min: 7.40
3	48 inches	52 inches	weathered bedrock	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

No PWS System Found

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

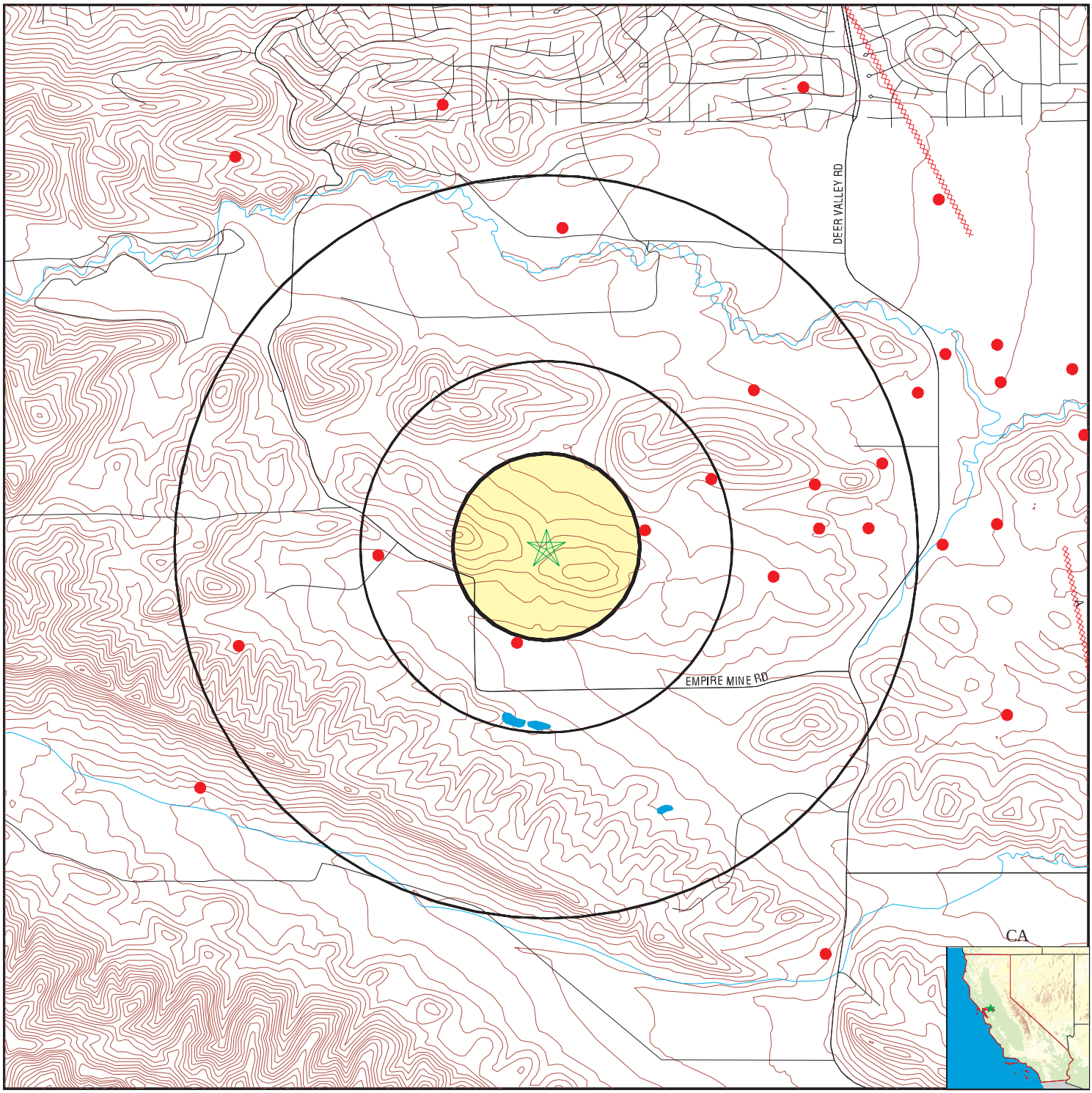
No Wells Found

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

DISTANCE FROM TP (Miles)	DISTANCE FROM TP (Miles)
1 - 2 Miles NNE	1 - 2 Miles NNW
1 - 2 Miles NW	1 - 2 Miles NE
1/2 - 1 Mile North	1 - 2 Miles ENE
1 - 2 Miles ENE	1 - 2 Miles ENE
1 - 2 Miles ENE	1/2 - 1 Mile NE
1 - 2 Miles ENE	1 - 2 Miles ENE
1/2 - 1 Mile ENE	1/4 - 1/2 Mile ENE
1/2 - 1 Mile ENE	1 - 2 Miles East
1/2 - 1 Mile East	1/2 - 1 Mile East
1/4 - 1/2 Mile East	1 - 2 Miles East
1/4 - 1/2 Mile West	1/2 - 1 Mile East
1/4 - 1/2 Mile SSW	1/2 - 1 Mile WSW
1 - 2 Miles ESE	1 - 2 Miles SW
1 - 2 Miles SE	

PHYSICAL SETTING SOURCE MAP - 1648192.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Sand Creek Ranch	CLIENT:	Engeo Inc.
ADDRESS:	5599 Empire Mine Road Antioch CA 94531	CONTACT:	Richard Gandolfo
LAT/LONG:	37.9380 / 121.7929	INQUIRY #:	1648192.2s
		DATE:	April 04, 2006

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

NNE
1 - 2 Miles | **OIL_GAS** | **CA00004876**

Well Number:	3-5	Status:	Plugged and abandoned-dry hole
API Number:	01300055	Operator:	SWEPI
Latitude:	37.95601	Longitude:	-121.77917
Region:	6	Lease:	Prewett
Section:	05	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	6328.00000
Spud Date:	10/30/1963	Abandonment Date:	11/12/1963

NNW
1 - 2 Miles | **OIL_GAS** | **CA00004501**

Well Number:	1-6	Status:	Plugged and abandoned-dry hole
API Number:	01320147	Operator:	UMC Petroleum Corp.
Latitude:	37.95533	Longitude:	-121.79694
Region:	6	Lease:	Dallas et al
Section:	06	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4550.00000
Spud Date:	8/7/1979	Abandonment Date:	8/17/1979

NW
1 - 2 Miles | **OIL_GAS** | **CA00004596**

Well Number:	1	Status:	Plugged and abandoned-dry hole
API Number:	01320040	Operator:	L.A. Thomson and A.A. Rembold
Latitude:	37.95330	Longitude:	-121.80715
Region:	6	Lease:	Higgins
Section:	12	Township:	01N
Range:	01E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	6106.00000
Spud Date:	9/17/1968	Abandonment Date:	10/6/1968

NE
1 - 2 Miles | **OIL_GAS** | **CA00004900**

Well Number:	2-8	Status:	Completed gas
API Number:	01300034	Operator:	Occidental Petroleum Corp.
Latitude:	37.95163	Longitude:	-121.77250
Region:	6	Lease:	Enea-Capital
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	5100.00000
Spud Date:	7/1/1964	Abandonment Date:	4/7/1992

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

North
1/2 - 1 Mile | **OIL_GAS** | **CA00004696**

Well Number:	1	Status:	Plugged and abandoned-dry hole-directional
API Number:	01300254	Operator:	Exxon Corp.
Latitude:	37.95052	Longitude:	-121.79104
Region:	6	Lease:	Myrvin C. Carey
Section:	07	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	9030.00000
Spud Date:	11/10/1962	Abandonment Date:	1/2/1963

ENE
1 - 2 Miles | **OIL_GAS** | **CA00004584**

Well Number:	1	Status:	Plugged and abandoned oil
API Number:	01320051	Operator:	Venturini Associates, Inc.
Latitude:	37.94596	Longitude:	-121.76962
Region:	6	Lease:	Sullenger
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4161.00000
Spud Date:	6/16/1969	Abandonment Date:	6/6/1995

ENE
1 - 2 Miles | **OIL_GAS** | **CA00004567**

Well Number:	2	Status:	Plugged and abandoned-dry hole-directional
API Number:	01320079	Operator:	Sinco Oil Corp.
Latitude:	37.94560	Longitude:	-121.77217
Region:	6	Lease:	Sullenger
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4264.00000
Spud Date:	12/16/1971	Abandonment Date:	12/31/1971

ENE
1 - 2 Miles | **OIL_GAS** | **CA00004871**

Well Number:	3-9	Status:	Plugged and abandoned oil
API Number:	01300073	Operator:	Occidental Petroleum Corp.
Latitude:	37.94501	Longitude:	-121.76592
Region:	6	Lease:	Williamson
Section:	09	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4914.00000
Spud Date:	6/28/1963	Abandonment Date:	12/2/1993

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

ENE
1 - 2 Miles | **OIL_GAS** | **CA00004882**

Well Number:	4-8	Status:	Plugged and abandoned oil
API Number:	01300061	Operator:	Occidental Petroleum Corp.
Latitude:	37.94450	Longitude:	-121.76945
Region:	6	Lease:	Sullenger
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	5000.00000
Spud Date:	10/5/1963	Abandonment Date:	12/6/1993

NE
1/2 - 1 Mile | **OIL_GAS** | **CA00004878**

Well Number:	3-8	Status:	Plugged and abandoned-dry hole
API Number:	01300057	Operator:	SWEPI
Latitude:	37.94419	Longitude:	-121.78161
Region:	6	Lease:	Qvale
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4857.00000
Spud Date:	12/5/1962	Abandonment Date:	12/21/1962

ENE
1 - 2 Miles | **OIL_GAS** | **CA00004863**

Well Number:	42-8	Status:	Plugged and abandoned oil
API Number:	01300065	Operator:	Occidental Petroleum Corp.
Latitude:	37.94409	Longitude:	-121.77353
Region:	6	Lease:	Sullenger
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4396.00000
Spud Date:	1/16/1964	Abandonment Date:	12/8/1993

ENE
1 - 2 Miles | **OIL_GAS** | **CA00004883**

Well Number:	31-9	Status:	Plugged and abandoned-dry hole
API Number:	01300062	Operator:	SWEPI
Latitude:	37.94244	Longitude:	-121.76533
Region:	6	Lease:	Sullenger
Section:	09	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	5000.00000
Spud Date:	8/16/1963	Abandonment Date:	8/28/1963

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

ENE
1/2 - 1 Mile | **OIL_GAS** | **CA00004880**

Well Number:	41-8	Status:	Plugged and abandoned-dry hole
API Number:	01300059	Operator:	SWEPI
Latitude:	37.94133	Longitude:	-121.77528
Region:	6	Lease:	Qvale
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4500.00000
Spud Date:	11/28/1963	Abandonment Date:	12/6/1963

ENE
1/4 - 1/2 Mile | **OIL_GAS** | **CA00004549**

Well Number:	1	Status:	Plugged and abandoned gas
API Number:	01320083	Operator:	Sinco Oil Corp.
Latitude:	37.94072	Longitude:	-121.78370
Region:	6	Lease:	Qvale
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4347.00000
Spud Date:	1/22/1972	Abandonment Date:	6/10/1988

ENE
1/2 - 1 Mile | **OIL_GAS** | **CA00004879**

Well Number:	2	Status:	Plugged and abandoned gas
API Number:	01300058	Operator:	Sinco Oil Corp.
Latitude:	37.94051	Longitude:	-121.77860
Region:	6	Lease:	Qvale
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4425.00000
Spud Date:	1/5/1964	Abandonment Date:	6/13/1988

East
1 - 2 Miles | **OIL_GAS** | **CA00004379**

Well Number:	2	Status:	Plugged and abandoned oil
API Number:	01320271	Operator:	Venturini Associates, Inc.
Latitude:	37.93896	Longitude:	-121.76963
Region:	6	Lease:	Ginochio
Section:	17	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4300.00000
Spud Date:	7/5/1987	Abandonment Date:	4/22/1993

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

East
1/2 - 1 Mile | **OIL_GAS** | **CA00004912**

Well Number:	51-17	Status:	Plugged and abandoned gas
API Number:	01300024	Operator:	Venturini Associates, Inc.
Latitude:	37.93880	Longitude:	-121.77596
Region:	6	Lease:	Ginochio
Section:	17	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4219.00000
Spud Date:	9/12/1963	Abandonment Date:	8/25/1986

East
1/2 - 1 Mile | **OIL_GAS** | **CA00004907**

Well Number:	41-17	Status:	Plugged and abandoned gas
API Number:	01300019	Operator:	Venturini Associates, Inc.
Latitude:	37.93879	Longitude:	-121.77839
Region:	6	Lease:	Ginochio
Section:	17	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4293.00000
Spud Date:	10/1/1963	Abandonment Date:	8/6/1984

East
1/4 - 1/2 Mile | **OIL_GAS** | **CA00004373**

Well Number:	1-18	Status:	Plugged and abandoned-dry hole-directional
API Number:	01320287	Operator:	Baker Oil & Gas Co.
Latitude:	37.93872	Longitude:	-121.78697
Region:	6	Lease:	Fleet-Oak Hill Park
Section:	18	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4201.00000
Spud Date:	3/4/1989	Abandonment Date:	7/18/1989

East
1 - 2 Miles | **OIL_GAS** | **CA00004376**

Well Number:	1	Status:	Plugged and abandoned oil
API Number:	01320268	Operator:	Venturini Associates, Inc.
Latitude:	37.93816	Longitude:	-121.77231
Region:	6	Lease:	Ginochio
Section:	17	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4337.00000
Spud Date:	3/31/1987	Abandonment Date:	6/26/1990

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

West
1/4 - 1/2 Mile | **OIL_GAS** | **CA00004623**

Well Number:	1	Status:	Plugged and abandoned-dry hole
API Number:	01320002	Operator:	S.M. Reynolds, Operator
Latitude:	37.93774	Longitude:	-121.80011
Region:	6	Lease:	N.L. & F.
Section:	18	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	3933.00000
Spud Date:	3/25/1967	Abandonment Date:	4/16/1967

East
1/2 - 1 Mile | **OIL_GAS** | **CA00004911**

Well Number:	32-17	Status:	Plugged and abandoned-dry hole-directional
API Number:	01300023	Operator:	Sinco Oil Corp.
Latitude:	37.93691	Longitude:	-121.78064
Region:	6	Lease:	Ginochio
Section:	17	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4296.00000
Spud Date:	2/7/1964	Abandonment Date:	2/27/1964

SSW
1/4 - 1/2 Mile | **OIL_GAS** | **CA00004677**

Well Number:	2-18	Status:	Plugged and abandoned-dry hole
API Number:	01300258	Operator:	SWEPI
Latitude:	37.93433	Longitude:	-121.79327
Region:	6	Lease:	Gursky
Section:	18	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4487.00000
Spud Date:	5/19/1964	Abandonment Date:	5/30/1964

WSW
1/2 - 1 Mile | **OIL_GAS** | **CA00004627**

Well Number:	2	Status:	Plugged and abandoned-dry hole
API Number:	01320006	Operator:	S.M. Reynolds, Operator
Latitude:	37.93421	Longitude:	-121.80698
Region:	6	Lease:	N.L. & F.
Section:	13	Township:	01N
Range:	01E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	2992.00000
Spud Date:	5/23/1967	Abandonment Date:	5/28/1967

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction Distance	Database	EDR ID Number

ESE
1 - 2 Miles **OIL_GAS** **CA00004913**

Well Number:	85-17	Status:	Plugged and abandoned-dry hole-directional
API Number:	01300025	Operator:	Occidental Petroleum Corp.
Latitude:	37.93151	Longitude:	-121.76913
Region:	6	Lease:	Ginochio
Section:	17	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4483.00000
Spud Date:	10/23/1963	Abandonment Date:	11/5/1963

SW
1 - 2 Miles **OIL_GAS** **CA00004577**

Well Number:	1	Status:	Plugged and abandoned-dry hole
API Number:	01320066	Operator:	Imperial Oil & Gas Limited
Latitude:	37.92867	Longitude:	-121.80888
Region:	6	Lease:	Ennis
Section:	13	Township:	01N
Range:	01E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	1726.00000
Spud Date:	2/5/1971	Abandonment Date:	2/9/1971

SE
1 - 2 Miles **OIL_GAS** **CA00004355**

Well Number:	1-20	Status:	Plugged and abandoned-dry hole-directional
API Number:	01320291	Operator:	Western Continental Oper. Co.
Latitude:	37.92218	Longitude:	-121.77807
Region:	6	Lease:	Deer Valley
Section:	20	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	5430.00000
Spud Date:	8/3/1989	Abandonment Date:	8/18/1989

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for CONTRA COSTA County: 2

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

Federal Area Radon Information for CONTRA COSTA COUNTY, CA

Number of sites tested: 55

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.760 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.300 pCi/L	100%	0%	0%
Basement	0.525 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations for District 2, 3, 5 and 6
Source: Department of Conservation
Telephone: 916-323-1779

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

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

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

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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The EDR Radius Map™ Report

Sand Creek Ranch
6275 Deer Creek Road
Antioch, CA 94531

Inquiry Number: 1648192.10s

April 04, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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Fax: 1-800-231-6802
Internet: www.edrnet.com

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

6275 DEER CREEK ROAD
ANTIOCH, CA 94531

COORDINATES

Latitude (North):	37.948900 - 37° 56' 56.0''
Longitude (West):	121.784600 - 121° 47' 4.6''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	606787.5
UTM Y (Meters):	4200636.5
Elevation:	250 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	37121-H7 ANTIOCH SOUTH, CA
Most Recent Revision:	1980

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:

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL RECOVERY	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
CORRACTS	Corrective Action Report
RCRA-TSDF	Resource Conservation and Recovery Act Information
RCRA-LQG	Resource Conservation and Recovery Act Information

EXECUTIVE SUMMARY

ERNS Emergency Response Notification System
HMIRS Hazardous Materials Information Reporting System
US ENG CONTROLS Engineering Controls Sites List
US INST CONTROL Sites with Institutional Controls
DOD Department of Defense Sites
FUDS Formerly Used Defense Sites
US BROWNFIELDS A Listing of Brownfields Sites
CONSENT Superfund (CERCLA) Consent Decrees
ROD Records Of Decision
UMTRA Uranium Mill Tailings Sites
ODI Open Dump Inventory
TRIS Toxic Chemical Release Inventory System
TSCA Toxic Substances Control Act
FTTS FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS Section 7 Tracking Systems
PADS PCB Activity Database System
MLTS Material Licensing Tracking System
MINES Mines Master Index File
RAATS RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

AWP Annual Workplan Sites
Cal-Sites Calsites Database
CA BOND EXP. PLAN Bond Expenditure Plan
NFA No Further Action Determination
NFE Properties Needing Further Evaluation
REF Unconfirmed Properties Referred to Another Agency
SCH School Property Evaluation Program
Toxic Pits Toxic Pits Cleanup Act Sites
SWF/LF Solid Waste Information System
CA WDS Waste Discharge System
WMUDS/SWAT Waste Management Unit Database
Cortese "Cortese" Hazardous Waste & Substances Sites List
SWRCY Recycler Database
LUST Geotracker's Leaking Underground Fuel Tank Report
CA FID UST Facility Inventory Database
UST Active UST Facilities
HIST UST Hazardous Substance Storage Container Database
AST Aboveground Petroleum Storage Tank Facilities
CONTRA COSTA CO. SITE LIST Site List
SWEEPS UST SWEEPS UST Listing
CHMIRS California Hazardous Material Incident Report System
Notify 65 Proposition 65 Records
DEED Deed Restriction Listing
VCP Voluntary Cleanup Program Properties
CLEANERS Cleaner Facilities
WIP Well Investigation Program Case List
CDL Clandestine Drug Labs
HAZNET Facility and Manifest Data
EMI Emissions Inventory Data

TRIBAL RECORDS

INDIAN RESERV Indian Reservations

EXECUTIVE SUMMARY

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

EDR PROPRIETARY RECORDS

Manufactured Gas Plants EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations EDR Proprietary Historic Gas Stations
EDR Historical Cleaners EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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

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

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

FEDERAL RECORDS

RCRAInfo: 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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 02/24/2006 has revealed that there is 1 RCRA-SQG site within approximately 0.75 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
BBS TRUCKING	2496 MAMMOTH WAY	1/4 - 1/2 NNE	A2	6

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 01/09/2006 has revealed that there is 1

FINDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
BBS TRUCKING	2496 MAMMOTH WAY	1/4 - 1/2 NNE	A1	6

STATE AND LOCAL RECORDS

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

A review of the SLIC list, as provided by EDR, and dated 01/09/2006 has revealed that there is 1 SLIC site within approximately 1 mile of the target property.

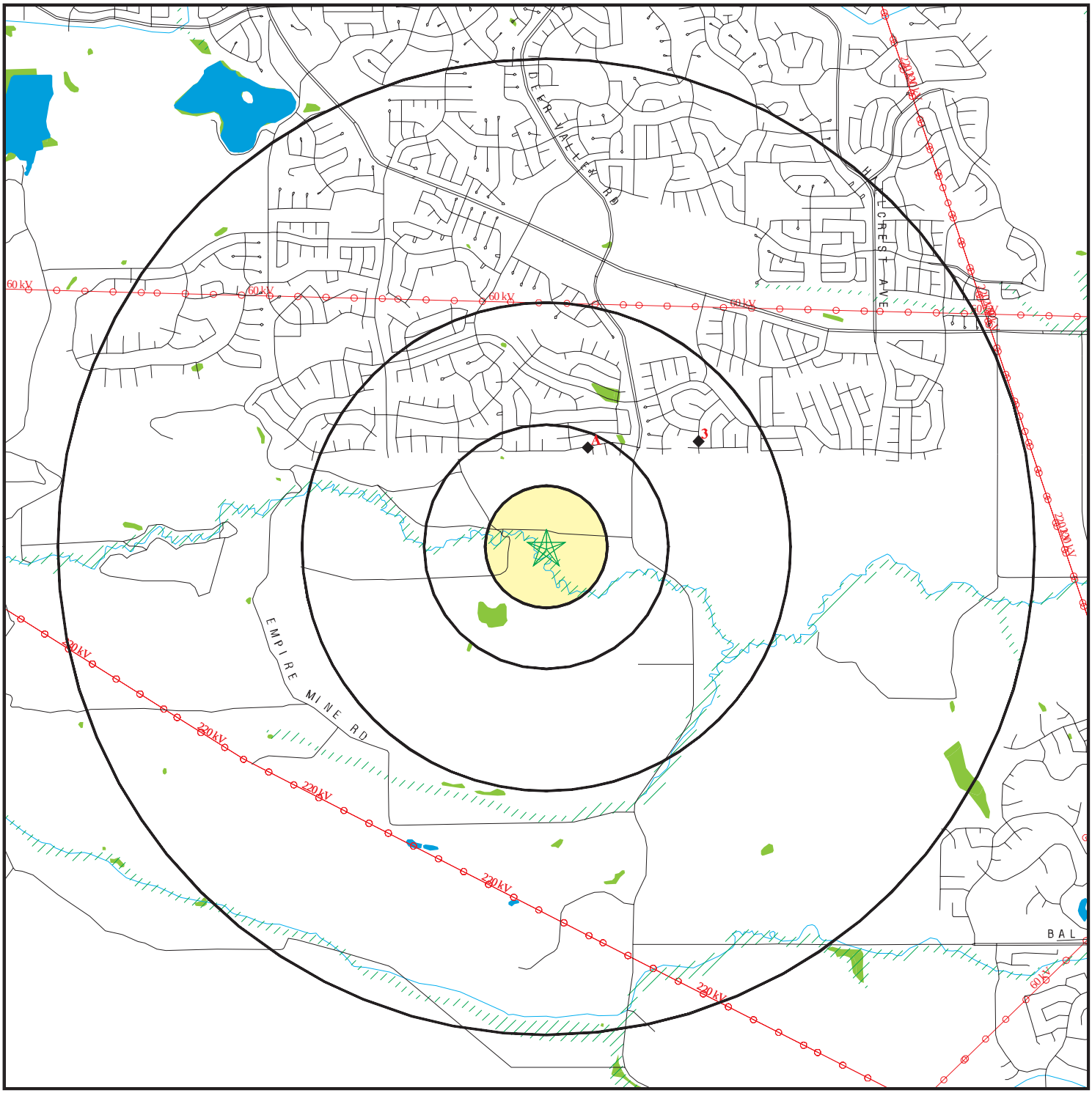
Lower Elevation	Address	Dist / Dir	Map ID	Page
OXY USA INC. PREWETT 4-5 (BREN	5400 MOJAVE WAY	1/2 - 1 NE	3	6

EXECUTIVE SUMMARY

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

Site Name	Database(s)
UNIMIN CORPORATION	CHMIRS, EMI
BLUE GOOSE PROPERTIES	LUST, Cortese
SANTA FE PACIFIC PIPELINE PARTNERS	CERC-NFRAP
DOW CHEMICAL CO.- MARSH CREEK DEHYDRATION STATION	SLIC, HIST UST
KAISER FOUNDATION HOSPITAL	HAZNET, CONTRA COSTA CO. SITE LIST
OXY- PREWETT BRENTWOOD OIL AND GAS FIELD	SLIC
DECKER ISLAND SAND HAVESTING	CA WDS

OVERVIEW MAP - 1648192.10s



- 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
- Landfill Sites
- Dept. Defense Sites

0 1/2 1 2 Miles

- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Federal 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: Sand Creek Ranch ADDRESS: 6275 Deer Creek Road Antioch CA 94531 LAT/LONG: 37.9489 / 121.7846	CLIENT: Engeo Inc. CONTACT: Richard Gandolfo INQUIRY #: 1648192.10s DATE: April 04, 2006

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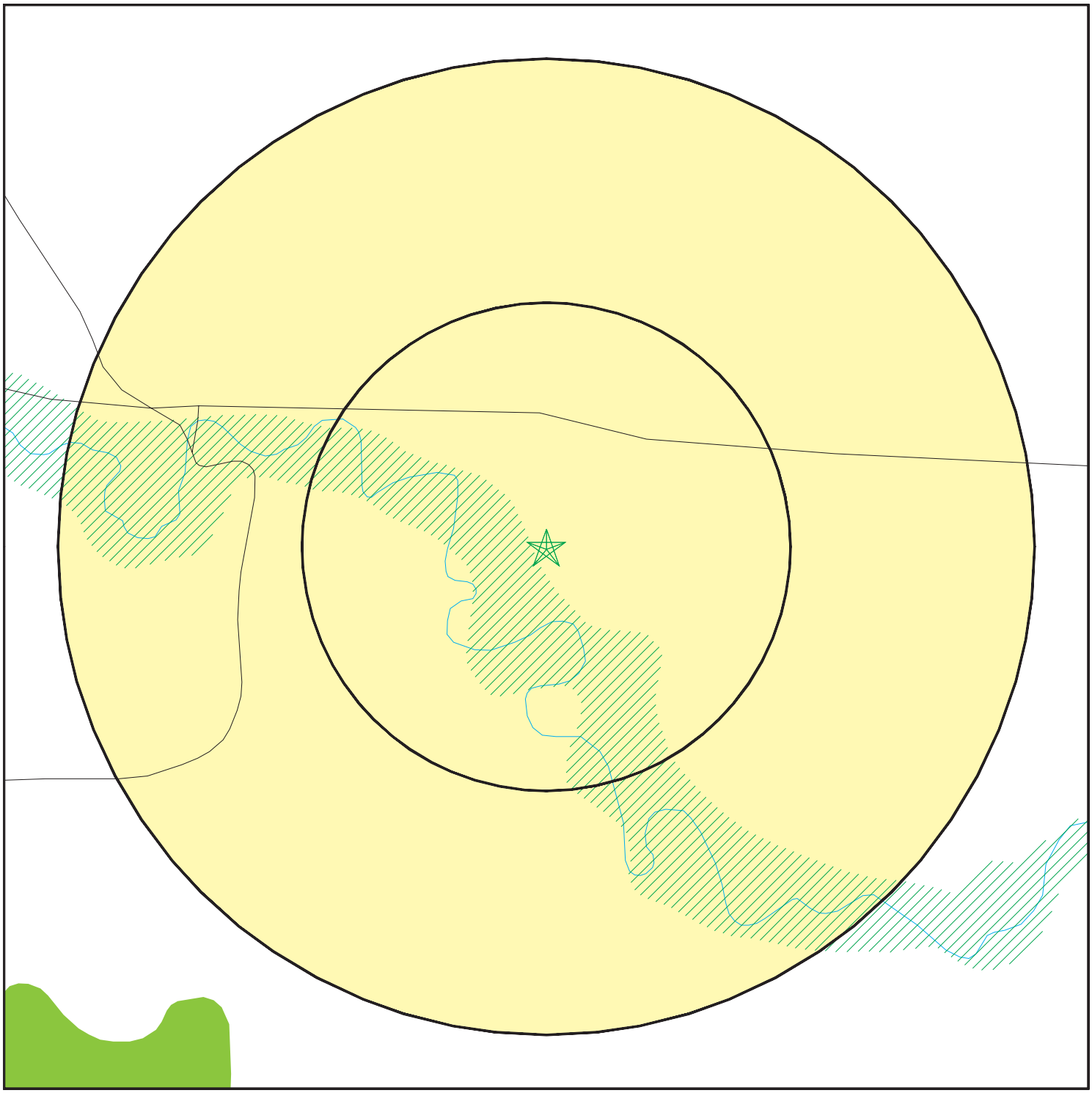
DETAIL MAP - 1648192.10s



- 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
- Landfill Sites
- Dept. Defense Sites

0 1/16 1/8 1/4 Miles

- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Federal 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: Sand Creek Ranch	CLIENT: Engeo Inc.
ADDRESS: 6275 Deer Creek Road Antioch CA 94531	CONTACT: Richard Gandolfo INQUIRY #: 1648192.10s
LAT/LONG: 37.9489 / 121.7846	DATE: April 04, 2006

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL RECORDS								
NPL		1.500	0	0	0	0	0	0
Proposed NPL		1.500	0	0	0	0	0	0
Delisted NPL		1.500	0	0	0	0	0	0
NPL RECOVERY		0.500	0	0	0	NR	NR	0
CERCLIS		1.000	0	0	0	0	NR	0
CERC-NFRAP		1.000	0	0	0	0	NR	0
CORRACTS		1.500	0	0	0	0	0	0
RCRA TSD		1.000	0	0	0	0	NR	0
RCRA Lg. Quan. Gen.		0.750	0	0	0	0	NR	0
RCRA Sm. Quan. Gen.		0.750	0	0	1	0	NR	1
ERNS		0.500	0	0	0	NR	NR	0
HMIRS		0.500	0	0	0	NR	NR	0
US ENG CONTROLS		1.000	0	0	0	0	NR	0
US INST CONTROL		1.000	0	0	0	0	NR	0
DOD		1.500	0	0	0	0	0	0
FUDS		1.500	0	0	0	0	0	0
US BROWNFIELDS		1.000	0	0	0	0	NR	0
CONSENT		1.500	0	0	0	0	0	0
ROD		1.500	0	0	0	0	0	0
UMTRA		1.000	0	0	0	0	NR	0
ODI		1.000	0	0	0	0	NR	0
TRIS		0.500	0	0	0	NR	NR	0
TSCA		0.500	0	0	0	NR	NR	0
FTTS		0.500	0	0	0	NR	NR	0
SSTS		0.500	0	0	0	NR	NR	0
PADS		0.500	0	0	0	NR	NR	0
MLTS		0.500	0	0	0	NR	NR	0
MINES		0.750	0	0	0	0	NR	0
FINDS		0.500	0	0	1	NR	NR	1
RAATS		0.500	0	0	0	NR	NR	0
STATE AND LOCAL RECORDS								
AWP		1.500	0	0	0	0	0	0
Cal-Sites		1.500	0	0	0	0	0	0
CA Bond Exp. Plan		1.500	0	0	0	0	0	0
NFA		0.750	0	0	0	0	NR	0
NFE		0.750	0	0	0	0	NR	0
REF		0.750	0	0	0	0	NR	0
SCH		0.750	0	0	0	0	NR	0
Toxic Pits		1.500	0	0	0	0	0	0
State Landfill		1.000	0	0	0	0	NR	0
CA WDS		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		1.000	0	0	0	0	NR	0
Cortese		1.000	0	0	0	0	NR	0
SWRCY		1.000	0	0	0	0	NR	0
LUST		1.000	0	0	0	0	NR	0
CA FID UST		0.750	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC		1.000	0	0	0	1	NR	1
UST		0.750	0	0	0	0	NR	0
HIST UST		0.750	0	0	0	0	NR	0
AST		0.750	0	0	0	0	NR	0
Contra Costa Co. Site List		0.750	0	0	0	0	NR	0
SWEEPS UST		0.750	0	0	0	0	NR	0
CHMIRS		0.500	0	0	0	NR	NR	0
Notify 65		1.500	0	0	0	0	0	0
DEED		1.000	0	0	0	0	NR	0
VCP		1.000	0	0	0	0	NR	0
DRYCLEANERS		0.750	0	0	0	0	NR	0
WIP		0.750	0	0	0	0	NR	0
CDL		0.500	0	0	0	NR	NR	0
HAZNET		0.500	0	0	0	NR	NR	0
EMI		0.500	0	0	0	NR	NR	0
TRIBAL RECORDS								
INDIAN RESERV		1.500	0	0	0	0	0	0
INDIAN LUST		1.000	0	0	0	0	NR	0
INDIAN UST		0.750	0	0	0	0	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.500	0	0	0	0	0	0
EDR Historical Auto Stations		0.750	0	0	0	0	NR	0
EDR Historical Cleaners		0.750	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
A1	**BBS TRUCKING**	**FINDS**	**1007843061**
NNE	**2496 MAMMOTH WAY**		**110020118479**
1/4-1/2	**ANTIOCH, CA 94531**		
2327 ft.			
	Site 1 of 2 in cluster A		
Relative:			
Lower	FINDS:		
	Other Pertinent Environmental Activity Identified at Site:		
Actual:	RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM		
221 ft.			

A2	**BBS TRUCKING**	**RCRA-SQG**	**1007569232**
NNE	**2496 MAMMOTH WAY**		**CAR000157537**
1/4-1/2	**ANTIOCH, CA 94531**		
2327 ft.			
	Site 2 of 2 in cluster A		
Relative:			
Lower	RCRAInfo:		
	Owner: BRIAN WESLEY		
Actual:	EPA ID: CAR000157537		
221 ft.	Contact: BRIAN WESLEY		
	510-860-2904		
	Classification: Small Quantity Generator		
	TSDF Activities: Not reported		
	Violation Status: No violations found		

3	**OXY USA INC. PREWETT 4-5 (BRENTWOOD OIL & GAS FIEL**	**SLIC**	**S106230278**
NE	**5400 MOJAVE WAY**		**N/A**
1/2-1	**ANTIOCH, CA**		
4010 ft.			
Relative:	SLIC Region 5:		
Lower	Facility Status: Remediation Underway		
	Pollutant: TPH g,d, BTEX — Unit: Facility is a Spill or site		
Actual:	Report Date: / / — Date Filed: / /		
203 ft.	Lead Agency: MES		
	Date Added: Not reported		
	Date Closed: Not reported		

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ANTIOCH	S107022515	KAISER FOUNDATION HOSPITAL	5601 DEER VALLEY RD		HAZNET, CONTRA COSTA CO. SITE LIST
ANTIOCH	S106483501	OXY- PREWETT BRENTWOOD OIL AND GAS FIELD	FEATHER WAY		SLIC
ANTIOCH	S106104161	DECKER ISLAND SAND HAVESTING	HORSE SHOE BEND SAC RIVER		CA WDS
BRENTWOOD	S105022926	BLUE GOOSE PROPERTIES	380 HWY 4 S	94513	LUST, Cortese
BRENTWOOD	1003879687	SANTA FE PACIFIC PIPELINE PARTNERS	SE CORNER OF BALFOUR RD & FAIRVIEW AVE.	94513	CERC-NFRAP
BRENTWOOD	U001596352	DOW CHEMICAL CO.- MARSH CREEK DEHYDRATION STATION	MARSH CREEK	94513	SLIC, HIST UST
CONTRA COSTA COUNTY	S105631151	UNIMIN CORPORATION	CAMINO DIABLO RD		CHMIRS, EMI

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.

FEDERAL RECORDS

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: 02/24/2006
Date Data Arrived at EDR: 03/01/2006
Date Made Active in Reports: 03/31/2006
Number of Days to Update: 30

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2006
Next Scheduled EDR Contact: 05/01/2006
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 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 02/24/2006
Date Data Arrived at EDR: 03/01/2006
Date Made Active in Reports: 03/31/2006
Number of Days to Update: 30

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: Quarterly

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: 02/24/2006
Date Data Arrived at EDR: 03/01/2006
Date Made Active in Reports: 03/31/2006
Number of Days to Update: 30

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: Quarterly

NPL RECOVERY: Federal Superfund Liens

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

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

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 10/24/2005
Date Data Arrived at EDR: 12/21/2005
Date Made Active in Reports: 01/30/2006
Number of Days to Update: 40

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 03/21/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 10/24/2005
Date Data Arrived at EDR: 12/21/2005
Date Made Active in Reports: 01/30/2006
Number of Days to Update: 40

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 03/21/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/29/2005
Date Data Arrived at EDR: 01/11/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 41

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/21/2006
Date Data Arrived at EDR: 03/01/2006
Date Made Active in Reports: 03/31/2006
Number of Days to Update: 30

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/01/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 01/12/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 40

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Last EDR Contact: 01/12/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 01/16/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 36

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: Annually

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

Date of Government Version: 08/02/2005
Date Data Arrived at EDR: 08/12/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 703-603-8867
Last EDR Contact: 03/03/2006
Next Scheduled EDR Contact: 07/03/2006
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: 01/10/2005
Date Data Arrived at EDR: 02/11/2005
Date Made Active in Reports: 04/06/2005
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 703-603-8867
Last EDR Contact: 03/03/2006
Next Scheduled EDR Contact: 07/03/2006
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: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 02/06/2006
Next Scheduled EDR Contact: 05/08/2006
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 01/19/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 33

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 11/29/2005
Date Data Arrived at EDR: 12/05/2005
Date Made Active in Reports: 01/30/2006
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/13/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Semi-Annually

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: 12/14/2004
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 04/25/2005
Number of Days to Update: 69

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/13/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 12/07/2005
Date Data Arrived at EDR: 01/06/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 46

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/04/2006
Next Scheduled EDR Contact: 04/03/2006
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 11/04/2005
Date Data Arrived at EDR: 11/28/2005
Date Made Active in Reports: 01/30/2006
Number of Days to Update: 63

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 03/20/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 07/13/2005
Date Made Active in Reports: 08/17/2005
Number of Days to Update: 35

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 03/21/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/27/2004
Date Made Active in Reports: 05/21/2004
Number of Days to Update: 24

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: Every 4 Years

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

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

Date of Government Version: 01/17/2006
Date Data Arrived at EDR: 01/24/2006
Date Made Active in Reports: 02/27/2006
Number of Days to Update: 34

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 03/20/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Quarterly

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

Date of Government Version: 01/17/2006
Date Data Arrived at EDR: 01/24/2006
Date Made Active in Reports: 02/27/2006
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 03/20/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Quarterly

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: 12/31/2003
Date Data Arrived at EDR: 01/03/2005
Date Made Active in Reports: 01/25/2005
Number of Days to Update: 22

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: Annually

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: 12/27/2005
Date Data Arrived at EDR: 02/08/2006
Date Made Active in Reports: 02/27/2006
Number of Days to Update: 19

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 02/08/2006
Next Scheduled EDR Contact: 05/08/2006
Data Release Frequency: Annually

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: 02/10/2006
Date Data Arrived at EDR: 02/16/2006
Date Made Active in Reports: 03/31/2006
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Quarterly

MINES: Mines Master Index File

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

Date of Government Version: 11/08/2005
Date Data Arrived at EDR: 12/27/2005
Date Made Active in Reports: 01/30/2006
Number of Days to Update: 34

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/29/2006
Next Scheduled EDR Contact: 06/26/2006
Data Release Frequency: Semi-Annually

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: 01/09/2006
Date Data Arrived at EDR: 01/16/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 36

Source: EPA
Telephone: N/A
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
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: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/17/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE AND LOCAL RECORDS

AWP: Annual Workplan Sites

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 09/21/2005
Number of Days to Update: 23

Source: California Environmental Protection Agency
Telephone: 916-323-3400
Last EDR Contact: 03/16/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Annually

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.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 09/21/2005
Number of Days to Update: 23

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NFA: No Further Action Determination

This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Quarterly

NFE: Properties Needing Further Evaluation

This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 09/21/2005
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Quarterly

REF: Unconfirmed Properties Referred to Another Agency

This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Quarterly

SCH: School Property Evaluation Program

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

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/30/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 12/08/2005
Date Data Arrived at EDR: 12/13/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 37

Source: Integrated Waste Management Board
Telephone: 916-341-6320
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Quarterly

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 12/19/2005
Date Data Arrived at EDR: 12/21/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 29

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 03/21/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Quarterly

WMUDS/SWAT: Waste Management Unit Database

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 05/29/2001
Date Made Active in Reports: 07/26/2001
Number of Days to Update: 58

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-9100
Last EDR Contact: 02/06/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: No Update Planned

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

Date of Government Version: 01/05/2006
Date Data Arrived at EDR: 01/09/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 22

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Quarterly

LUST: Geotracker's Leaking Underground Fuel Tank Report
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 01/09/2006
Date Data Arrived at EDR: 01/09/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 916-341-5752
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Quarterly

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

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

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 03/28/2006
Next Scheduled EDR Contact: 06/26/2006
Data Release Frequency: No Update Planned

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

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: No Update Planned

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: 858-467-2980
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/17/2006
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: 951-782-4130
Last EDR Contact: 02/06/2006
Next Scheduled EDR Contact: 05/08/2006
Data Release Frequency: Varies

LUST REG 7: Leaking Underground Storage Tank Case Listing

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: 760-346-7491
Last EDR Contact: 12/27/2005
Next Scheduled EDR Contact: 03/27/2006
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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: 760-346-7491
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Date of Government Version: 01/15/2006
Date Data Arrived at EDR: 01/16/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 36

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/03/2006
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

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: 805-549-3147
Last EDR Contact: 02/13/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

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

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

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

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: 510-286-0457
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC: Statewide SLIC Cases

The Spills, Leaks, Investigations, and Cleanups (SLIC) listings includes unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites.

Date of Government Version: 01/09/2006
Date Data Arrived at EDR: 01/09/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 916-341-5752
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: No Update Planned

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

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Quarterly

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

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 02/17/2006
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 24

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 02/13/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Semi-Annually

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

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

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

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 01/23/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Varies

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

Unregulated sites that impact groundwater or have the potential to impact groundwater.

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

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/03/2006
Data Release Frequency: Semi-Annually

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

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: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

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: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

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: 03/06/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: No Update Planned

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

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 01/17/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 35

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 01/17/2006
Next Scheduled EDR Contact: 04/03/2006
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/14/2005
Date Data Arrived at EDR: 12/14/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 36

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 03/13/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Annually

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/09/2006
Date Data Arrived at EDR: 01/09/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 22

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Semi-Annually

HIST UST: Hazardous Substance Storage Container Database

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

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

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

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 01/30/2006
Date Data Arrived at EDR: 01/30/2006
Date Made Active in Reports: 02/17/2006
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 01/30/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: Quarterly

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 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

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

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

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 11/30/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 50

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records

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

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

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

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

Date of Government Version: 01/03/2006
Date Data Arrived at EDR: 01/04/2006
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 15

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/03/2006
Next Scheduled EDR Contact: 04/03/2006
Data Release Frequency: Semi-Annually

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: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 09/21/2005
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Quarterly

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: 04/18/2005
Date Data Arrived at EDR: 04/18/2005
Date Made Active in Reports: 05/06/2005
Number of Days to Update: 18

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

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

Date of Government Version: 01/23/2006
Date Data Arrived at EDR: 01/24/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 28

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 01/23/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Varies

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: 12/31/2005
Date Data Arrived at EDR: 02/10/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 31

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 02/08/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

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

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 10/11/2005
Date Made Active in Reports: 10/31/2005
Number of Days to Update: 20

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 02/24/2006
Next Scheduled EDR Contact: 05/08/2006
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: 12/31/2003
Date Data Arrived at EDR: 07/19/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 23

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: Varies

TRIBAL RECORDS

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: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 02/06/2006
Next Scheduled EDR Contact: 05/08/2006
Data Release Frequency: Semi-Annually

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

Date of Government Version: 09/07/2005
Date Data Arrived at EDR: 09/08/2005
Date Made Active in Reports: 10/31/2005
Number of Days to Update: 53

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/10/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Varies

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

Date of Government Version: 12/01/2005
Date Data Arrived at EDR: 01/03/2006
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Varies

INDIAN UST: Underground Storage Tanks on Indian Land

Date of Government Version: 11/08/2005
Date Data Arrived at EDR: 11/09/2005
Date Made Active in Reports: 12/12/2005
Number of Days to Update: 33

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

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

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

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

EDR Historical Auto Stations: EDR Proprietary Historic Gas 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.

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

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

EDR Historical Cleaners: EDR Proprietary Historic Dry 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.

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

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

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

Date of Government Version: 02/16/2006
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 24

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/23/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Semi-Annually

Underground Tanks

Date of Government Version: 02/27/2006
Date Data Arrived at EDR: 02/28/2006
Date Made Active in Reports: 03/23/2006
Number of Days to Update: 23

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 02/27/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

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

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/09/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 41

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 03/13/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

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

Date of Government Version: 01/18/2006
Date Data Arrived at EDR: 01/18/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 34

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/18/2006
Next Scheduled EDR Contact: 05/08/2006
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/09/2005
Date Made Active in Reports: 01/11/2006
Number of Days to Update: 33

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 03/27/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 07/07/1999
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 07/06/1999
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

City of El Segundo Underground Storage Tank

Date of Government Version: 02/27/2006
Date Data Arrived at EDR: 02/28/2006
Date Made Active in Reports: 03/23/2006
Number of Days to Update: 23

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 02/27/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

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

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 02/24/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Date of Government Version: 02/27/2006
Date Data Arrived at EDR: 02/28/2006
Date Made Active in Reports: 03/23/2006
Number of Days to Update: 23

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 02/27/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Semi-Annually

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/31/2005
Date Data Arrived at EDR: 01/30/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 22

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 02/13/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Date of Government Version: 02/14/2006
Date Data Arrived at EDR: 02/28/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 13

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 02/15/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Varies

City of Los Angeles Landfills

Date of Government Version: 03/01/2005
Date Data Arrived at EDR: 03/18/2005
Date Made Active in Reports: 04/08/2005
Number of Days to Update: 21

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/05/2006
Date Data Arrived at EDR: 02/16/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 25

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 02/03/2006
Next Scheduled EDR Contact: 05/15/2006
Data Release Frequency: Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 02/10/2006
Date Data Arrived at EDR: 02/28/2006
Date Made Active in Reports: 03/23/2006
Number of Days to Update: 23

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/30/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

Date of Government Version: 12/27/2005
Date Data Arrived at EDR: 12/28/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 22

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/27/2006
Next Scheduled EDR Contact: 06/26/2006
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites

Date of Government Version: 12/27/2005
Date Data Arrived at EDR: 12/28/2005
Date Made Active in Reports: 01/11/2006
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/27/2006
Next Scheduled EDR Contact: 06/26/2006
Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 12/01/2005
Date Data Arrived at EDR: 12/20/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 30

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/08/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 12/01/2005
Date Data Arrived at EDR: 12/20/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 30

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/08/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 12/01/2005
Date Data Arrived at EDR: 12/16/2005
Date Made Active in Reports: 01/11/2006
Number of Days to Update: 26

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/08/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 01/18/2006
Date Data Arrived at EDR: 01/18/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 34

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 03/20/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Underground Storage Tank Tank List

Date of Government Version: 02/09/2006
Date Data Arrived at EDR: 02/10/2006
Date Made Active in Reports: 03/09/2006
Number of Days to Update: 27

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: Quarterly

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/09/2006
Date Data Arrived at EDR: 02/10/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 31

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS - Contaminated Sites

Date of Government Version: 02/02/2006
Date Data Arrived at EDR: 02/13/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 28

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/30/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List

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

Date of Government Version: 02/02/2006
Date Data Arrived at EDR: 02/10/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 31

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/30/2006
Next Scheduled EDR Contact: 05/01/2006
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 12/21/2005
Date Data Arrived at EDR: 12/21/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 29

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

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

Date of Government Version: 05/16/2005
Date Data Arrived at EDR: 05/18/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 29

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 01/20/2006
Next Scheduled EDR Contact: 04/03/2006
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 12/29/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 21

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversite Facilities

Date of Government Version: 12/07/2005
Date Data Arrived at EDR: 12/07/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 43

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

Underground Storage Tank Information

Date of Government Version: 12/07/2005
Date Data Arrived at EDR: 12/07/2005
Date Made Active in Reports: 01/11/2006
Number of Days to Update: 35

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Quarterly

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 01/09/2006
Date Data Arrived at EDR: 01/10/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 21

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Annually

Fuel Leak List

Date of Government Version: 01/11/2006
Date Data Arrived at EDR: 01/12/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 19

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 01/09/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

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: 03/28/2006
Next Scheduled EDR Contact: 06/26/2006
Data Release Frequency: No Update Planned

LOP Listing

A listing of open leaking underground storage tanks.

Date of Government Version: 10/24/2005
Date Data Arrived at EDR: 11/28/2005
Date Made Active in Reports: 12/12/2005
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 03/28/2006
Next Scheduled EDR Contact: 06/26/2006
Data Release Frequency: Varies

Hazardous Material Facilities

Date of Government Version: 12/12/2005
Date Data Arrived at EDR: 12/12/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 38

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 06/05/2006
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

Date of Government Version: 12/13/2005
Date Data Arrived at EDR: 12/14/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 36

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/27/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Quarterly

Underground Storage Tanks

Date of Government Version: 10/13/2005
Date Data Arrived at EDR: 10/31/2005
Date Made Active in Reports: 12/08/2005
Number of Days to Update: 38

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/27/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Date of Government Version: 01/23/2006
Date Data Arrived at EDR: 01/23/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 29

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 01/23/2006
Next Scheduled EDR Contact: 04/24/2006
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Date of Government Version: 12/31/0005
Date Data Arrived at EDR: 01/05/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 26

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 11/30/2005
Date Data Arrived at EDR: 01/04/2006
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 15

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/2005
Date Data Arrived at EDR: 09/20/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 16

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 11/30/2005
Date Data Arrived at EDR: 01/03/2006
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 16

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/15/2006
Next Scheduled EDR Contact: 06/12/2006
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 12/29/2005
Date Data Arrived at EDR: 01/20/2006
Date Made Active in Reports: 02/15/2006
Number of Days to Update: 26

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/11/2006
Next Scheduled EDR Contact: 04/10/2006
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Date of Government Version: 01/18/2006
Date Data Arrived at EDR: 02/09/2006
Date Made Active in Reports: 03/09/2006
Number of Days to Update: 28

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 01/16/2006
Next Scheduled EDR Contact: 04/17/2006
Data Release Frequency: Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

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

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SAND CREEK RANCH
6275 DEER CREEK ROAD
ANTIOCH, CA 94531

TARGET PROPERTY COORDINATES

Latitude (North):	37.94890 - 37° 56' 56.0''
Longitude (West):	121.7846 - 121° 47' 4.6''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	606787.5
UTM Y (Meters):	4200636.5
Elevation:	250 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37121-H7 ANTIOCH SOUTH, CA
Most Recent Revision:	1980

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

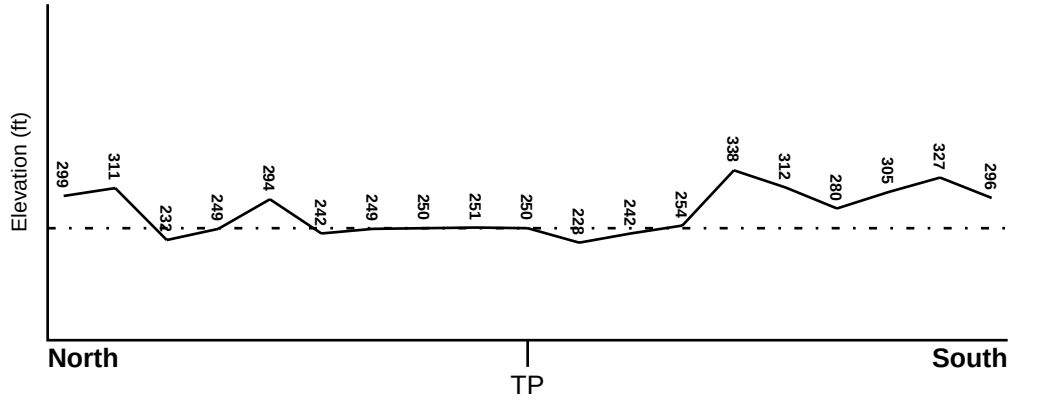
TOPOGRAPHIC INFORMATION

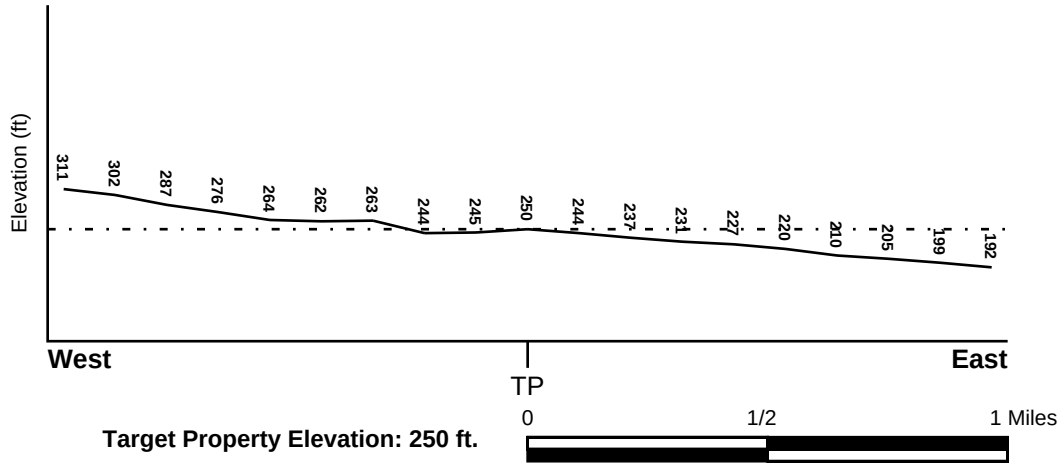
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ESE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





0 1/2 1 Miles

Target Property Elevation: 250 ft.

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
CONTRA COSTA, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0600250335B

Additional Panels in search area: 0600250350B

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
ANTIOCH SOUTH	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

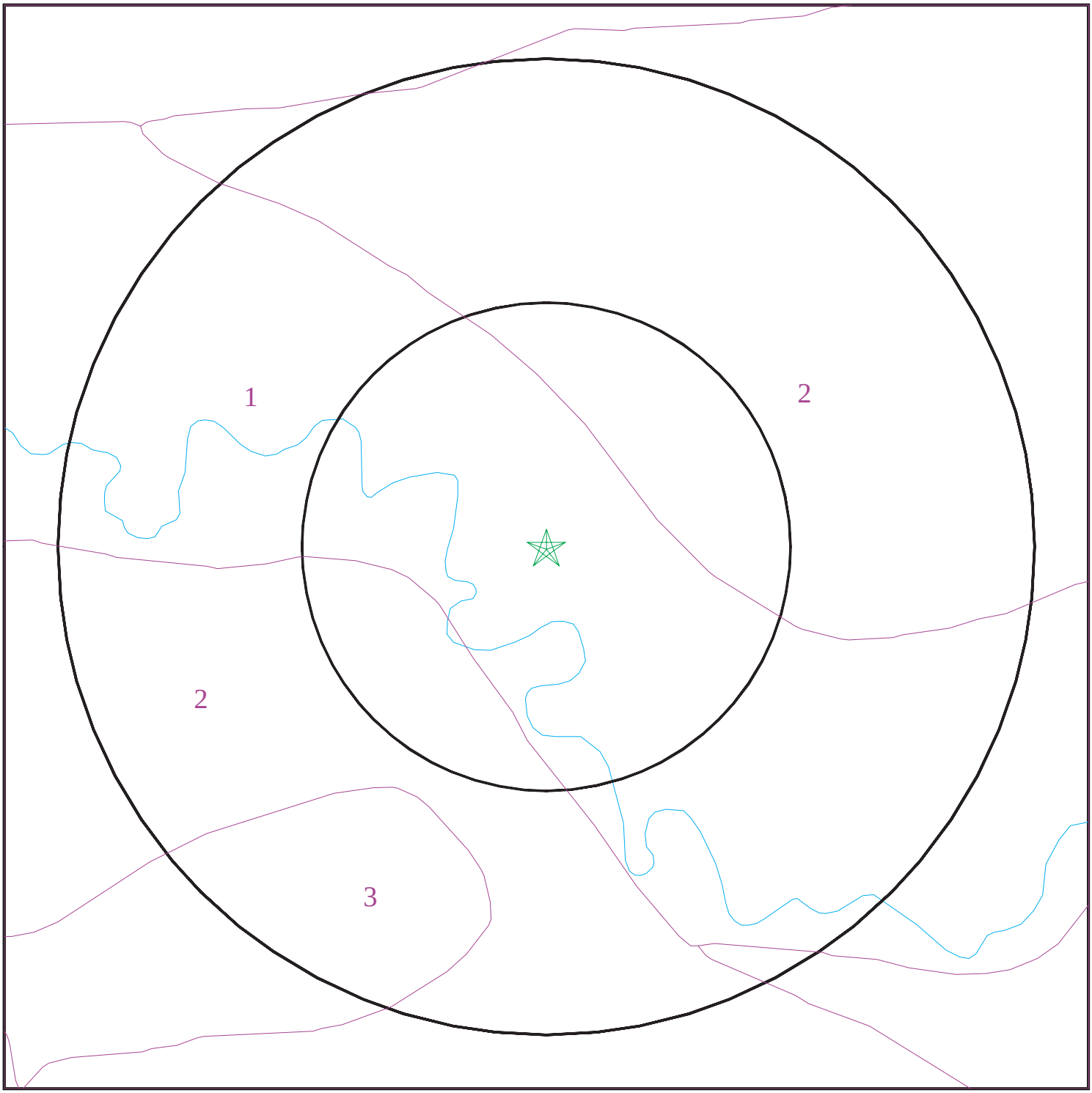
Era:	Cenozoic
System:	Tertiary
Series:	Eocene
Code:	Te *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

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

SSURGO SOIL MAP - 1648192.10s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Sand Creek Ranch	CLIENT:	Engeo Inc.
ADDRESS:	6275 Deer Creek Road Antioch CA 94531	CONTACT:	Richard Gandolfo
LAT/LONG:	37.9489 / 121.7846	INQUIRY #:	1648192.10s
		DATE:	April 04, 2006

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: RINCON

Soil Surface Texture: clay loam

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

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	11 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 6.00 Min: 2.00	Max: 5.50 Min: 3.60
1	0 inches	11 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 6.00 Min: 2.00	Max: 5.50 Min: 3.60
1	0 inches	12 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.80 Min: 6.10

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
2	11 inches	55 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60
2	12 inches	29 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.60
2	11 inches	55 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60
3	55 inches	72 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60

Soil Map ID: 2

Soil Component Name: CAPAY

Soil Surface Texture: clay

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

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	18 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 6.00 Min: 4.50
1	0 inches	18 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 6.00 Min: 4.50
1	0 inches	36 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.60
2	18 inches	48 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50
2	36 inches	51 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.60
2	18 inches	48 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50
3	48 inches	60 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 2.00	Max: 6.00 Min: 4.50

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: ALTAMONT

Soil Surface Texture: clay

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

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 40 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information

	Boundary			Classification			
Layer	**Upper**	**Lower**	**Soil Texture Class**	**AASHTO Group**	**Unified Soil**	**Permeability Rate (in/hr)**	**Soil Reaction (pH)**
1	0 inches	26 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.60
2	26 inches	48 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 8.40 Min: 7.40
3	48 inches	52 inches	weathered bedrock	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

LOCAL / REGIONAL WATER AGENCY RECORDS

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

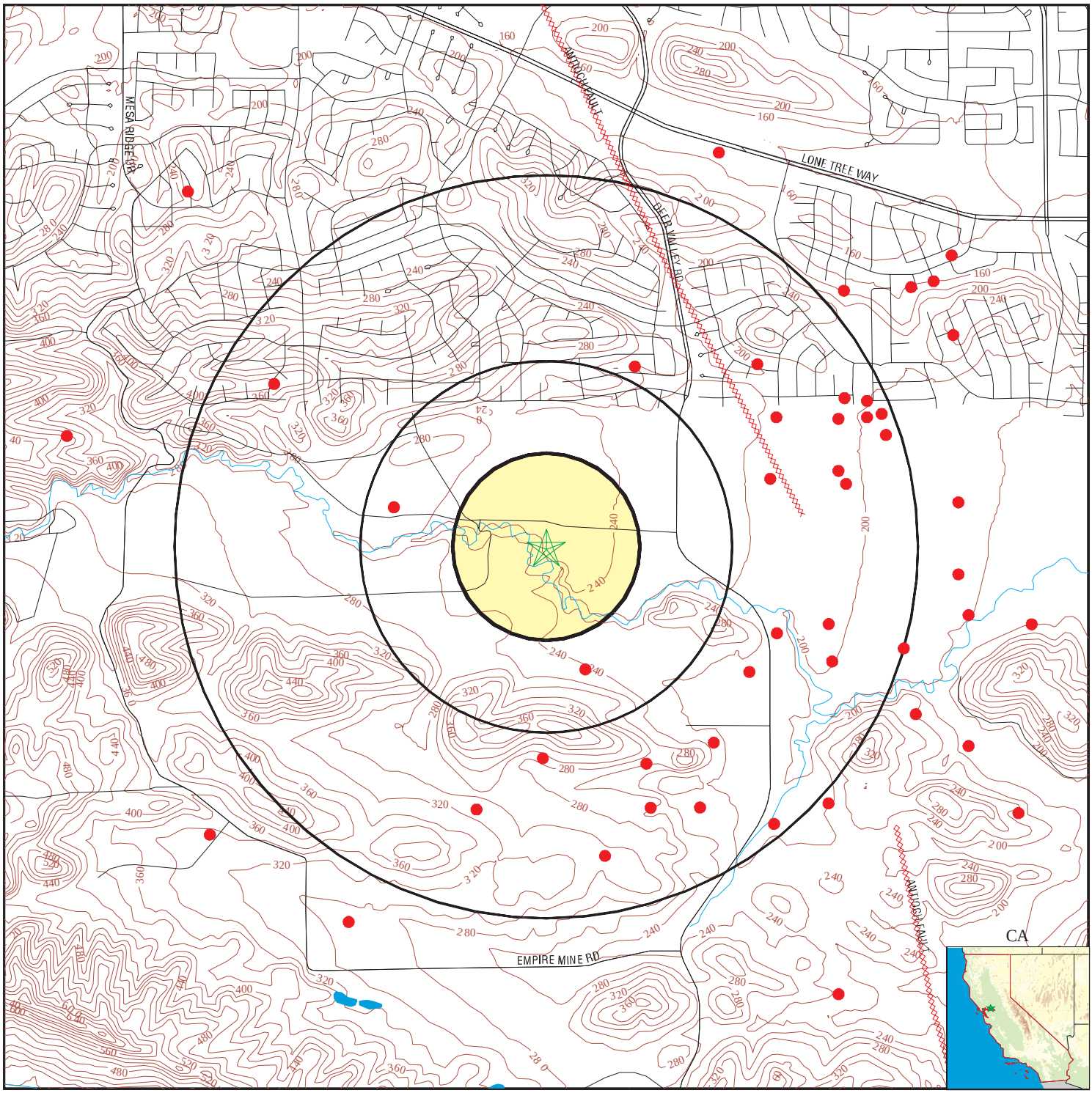
DISTANCE FROM TP (Miles)	DISTANCE FROM TP (Miles)
1 - 2 Miles NNE	1 - 2 Miles NW
1 - 2 Miles NE	1 - 2 Miles NE
1 - 2 Miles NE	1 - 2 Miles NE
1 - 2 Miles ENE	1/2 - 1 Mile NE
1/2 - 1 Mile NNE	1/2 - 1 Mile WNW
1/2 - 1 Mile ENE	1/2 - 1 Mile ENE
1/2 - 1 Mile ENE	1/2 - 1 Mile ENE
1/2 - 1 Mile ENE	1/2 - 1 Mile ENE
1/2 - 1 Mile ENE	1 - 2 Miles WNW
1/2 - 1 Mile ENE	1/2 - 1 Mile ENE
1/2 - 1 Mile ENE	1 - 2 Miles East
1/4 - 1/2 Mile WNW	1 - 2 Miles East
1 - 2 Miles East	1 - 2 Miles East
1/2 - 1 Mile ESE	1 - 2 Miles East
1/2 - 1 Mile ESE	1/2 - 1 Mile ESE
1/2 - 1 Mile ESE	1/4 - 1/2 Mile SSE
1/2 - 1 Mile ESE	1 - 2 Miles ESE
1/2 - 1 Mile SE	1 - 2 Miles ESE
1/2 - 1 Mile South	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

DISTANCE FROM TP (Miles)	DISTANCE FROM TP (Miles)
1 - 2 Miles SE	1/2 - 1 Mile SSE
1/2 - 1 Mile SSE	1/2 - 1 Mile SSW
1 - 2 Miles ESE	1/2 - 1 Mile SE
1 - 2 Miles SW	1/2 - 1 Mile South
1 - 2 Miles SSW	1 - 2 Miles SSE

PHYSICAL SETTING SOURCE MAP - 1648192.10s



- 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

0 1/4 1/2 1 Miles

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

N

SITE NAME:	Sand Creek Ranch	CLIENT:	Engeo Inc.
ADDRESS:	6275 Deer Creek Road Antioch CA 94531	CONTACT:	Richard Gandolfo
LAT/LONG:	37.9489 / 121.7846	INQUIRY #:	1648192.10s
		DATE:	April 04, 2006

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

NNE
1 - 2 Miles | **OIL_GAS** | **CA00004591**

Well Number:	1	Status:	Plugged and abandoned-dry hole
API Number:	01320035	Operator:	Union Oil Co. of Calif.
Latitude:	37.96436	Longitude:	-121.77503
Region:	6	Lease:	U-O Prewett
Section:	05	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4945.00000
Spud Date:	8/24/1968	Abandonment Date:	9/6/1968

NW
1 - 2 Miles | **OIL_GAS** | **CA00004695**

Well Number:	1	Status:	Plugged and abandoned-dry hole
API Number:	01300253	Operator:	Brazos Oil & Gas Co.
Latitude:	37.96284	Longitude:	-121.80119
Region:	6	Lease:	Prewett Gas Unit
Section:	06	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	8000.00000
Spud Date:	10/9/1963	Abandonment Date:	10/21/1963

NE
1 - 2 Miles | **OIL_GAS** | **CA00004607**

Well Number:	31-4	Status:	Plugged and abandoned oil
API Number:	01320029	Operator:	Occidental Petroleum Corp.
Latitude:	37.96035	Longitude:	-121.76356
Region:	6	Lease:	Williamson
Section:	04	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	3884.00000
Spud Date:	6/17/1968	Abandonment Date:	7/14/1981

NE
1 - 2 Miles | **OIL_GAS** | **CA00004557**

Well Number:	33-4	Status:	Plugged and abandoned oil-directional
API Number:	01320068	Operator:	Occidental Petroleum Corp.
Latitude:	37.95934	Longitude:	-121.76445
Region:	6	Lease:	Williamson
Section:	04	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	3900.00000
Spud Date:	3/29/1971	Abandonment Date:	12/12/1993

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction Distance	Database	EDR ID Number

NE
1 - 2 Miles **OIL_GAS** **CA00004598**

Well Number:	32-4	Status:	Plugged and abandoned oil-directional
API Number:	01320042	Operator:	Occidental Petroleum Corp.
Latitude:	37.95911	Longitude:	-121.76556
Region:	6	Lease:	Williamson
Section:	04	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	3903.00000
Spud Date:	9/21/1977	Abandonment Date:	4/1/1992

NE
1 - 2 Miles **OIL_GAS** **CA00004438**

Well Number:	5-5	Status:	Plugged and abandoned oil
API Number:	01320197	Operator:	Venada National
Latitude:	37.95897	Longitude:	-121.76887
Region:	6	Lease:	Prewett
Section:	05	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4224.00000
Spud Date:	6/13/1983	Abandonment Date:	8/11/1989

ENE
1 - 2 Miles **OIL_GAS** **CA00004625**

Well Number:	3-4	Status:	Plugged and abandoned-dry hole
API Number:	01320004	Operator:	SWEPI
Latitude:	37.95724	Longitude:	-121.76348
Region:	6	Lease:	Williamson
Section:	04	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4235.00000
Spud Date:	6/23/1967	Abandonment Date:	7/6/1967

NE
1/2 - 1 Mile **OIL_GAS** **CA00004877**

Well Number:	4-5	Status:	Plugged and abandoned oil
API Number:	01300056	Operator:	Occidental Petroleum Corp.
Latitude:	37.95610	Longitude:	-121.77313
Region:	6	Lease:	Prewett
Section:	05	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	5184.00000
Spud Date:	5/1/1964	Abandonment Date:	4/3/1992

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

NNE
1/2 - 1 Mile | **OIL_GAS** | **CA00004876**

Well Number:	3-5	Status:	Plugged and abandoned-dry hole
API Number:	01300055	Operator:	SWEPI
Latitude:	37.95601	Longitude:	-121.77917
Region:	6	Lease:	Prewett
Section:	05	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	6328.00000
Spud Date:	10/30/1963	Abandonment Date:	11/12/1963

WNW
1/2 - 1 Mile | **OIL_GAS** | **CA00004501**

Well Number:	1-6	Status:	Plugged and abandoned-dry hole
API Number:	01320147	Operator:	UMC Petroleum Corp.
Latitude:	37.95533	Longitude:	-121.79694
Region:	6	Lease:	Dallas et al
Section:	06	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4550.00000
Spud Date:	8/7/1979	Abandonment Date:	8/17/1979

ENE
1/2 - 1 Mile | **OIL_GAS** | **CA00004411**

Well Number:	5-6	Status:	Plugged and abandoned oil
API Number:	01320235	Operator:	Venada National
Latitude:	37.95478	Longitude:	-121.76884
Region:	6	Lease:	Prewett
Section:	05	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	3915.00000
Spud Date:	10/5/1984	Abandonment Date:	8/11/1989

ENE
1/2 - 1 Mile | **OIL_GAS** | **CA00004405**

Well Number:	34-4	Status:	Plugged and abandoned oil-directional
API Number:	01320252	Operator:	Occidental Petroleum Corp.
Latitude:	37.95467	Longitude:	-121.76773
Region:	6	Lease:	Williamson
Section:	04	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4400.00000
Spud Date:	8/19/1985	Abandonment Date:	3/27/1992

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

ENE
1/2 - 1 Mile | **OIL_GAS** | **CA00004404**

Well Number:	4	Status:	Plugged and abandoned oil-directional
API Number:	01320250	Operator:	Venturini Associates, Inc.
Latitude:	37.95416	Longitude:	-121.76701
Region:	6	Lease:	Williamson
Section:	09	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	3802.00000
Spud Date:	8/6/1985	Abandonment Date:	8/16/1985

ENE
1/2 - 1 Mile | **OIL_GAS** | **CA00004414**

Well Number:	3	Status:	Plugged and abandoned oil
API Number:	01320240	Operator:	Venturini Associates, Inc.
Latitude:	37.95403	Longitude:	-121.76773
Region:	6	Lease:	Williamson
Section:	09	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	3835.00000
Spud Date:	10/29/1984	Abandonment Date:	12/10/1987

ENE
1/2 - 1 Mile | **OIL_GAS** | **CA00004356**

Well Number:	4	Status:	Plugged and abandoned oil
API Number:	01320292	Operator:	Venturini Associates, Inc.
Latitude:	37.95403	Longitude:	-121.77220
Region:	6	Lease:	Enea-Capitol
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4005.00000
Spud Date:	7/28/1989	Abandonment Date:	11/3/1993

ENE
1/2 - 1 Mile | **OIL_GAS** | **CA00004393**

Well Number:	1	Status:	Plugged and abandoned oil
API Number:	01320264	Operator:	Venturini Associates, Inc.
Latitude:	37.95397	Longitude:	-121.76914
Region:	6	Lease:	Enea
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	3920.00000
Spud Date:	8/14/1986	Abandonment Date:	9/1/1993

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

ENE
1/2 - 1 Mile | **OIL_GAS** | **CA00004423**

Well Number:	2	Status:	Plugged and abandoned oil-directional
API Number:	01320226	Operator:	Venturini Associates, Inc.
Latitude:	37.95334	Longitude:	-121.76680
Region:	6	Lease:	Williamson
Section:	09	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4329.00000
Spud Date:	3/7/1984	Abandonment Date:	11/20/1995

WNW
1 - 2 Miles | **OIL_GAS** | **CA00004596**

Well Number:	1	Status:	Plugged and abandoned-dry hole
API Number:	01320040	Operator:	L.A. Thomson and A.A. Rembold
Latitude:	37.95330	Longitude:	-121.80715
Region:	6	Lease:	Higgins
Section:	12	Township:	01N
Range:	01E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	6106.00000
Spud Date:	9/17/1968	Abandonment Date:	10/6/1968

ENE
1/2 - 1 Mile | **OIL_GAS** | **CA00004394**

Well Number:	2	Status:	Plugged and abandoned oil
API Number:	01320265	Operator:	Venturini Associates, Inc.
Latitude:	37.95194	Longitude:	-121.76914
Region:	6	Lease:	Enea
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4058.00000
Spud Date:	11/11/1986	Abandonment Date:	8/30/1993

ENE
1/2 - 1 Mile | **OIL_GAS** | **CA00004900**

Well Number:	2-8	Status:	Completed gas
API Number:	01300034	Operator:	Occidental Petroleum Corp.
Latitude:	37.95163	Longitude:	-121.77250
Region:	6	Lease:	Enea-Capital
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	5100.00000
Spud Date:	7/1/1964	Abandonment Date:	4/7/1992

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

ENE
1/2 - 1 Mile | **OIL_GAS** | **CA00004377**

Well Number:	3	Status:	Plugged and abandoned oil
API Number:	01320269	Operator:	Venturini Associates, Inc.
Latitude:	37.95143	Longitude:	-121.76876
Region:	6	Lease:	Capital-Enea
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4710.00000
Spud Date:	4/11/1987	Abandonment Date:	11/2/1993

East
1 - 2 Miles | **OIL_GAS** | **CA00004865**

Well Number:	1-9	Status:	Plugged and abandoned-dry hole
API Number:	01300067	Operator:	SWEPI
Latitude:	37.95071	Longitude:	-121.76323
Region:	6	Lease:	Williamson
Section:	09	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	5000.00000
Spud Date:	10/1/1962	Abandonment Date:	7/27/1964

WNW
1/4 - 1/2 Mile | **OIL_GAS** | **CA00004696**

Well Number:	1	Status:	Plugged and abandoned-dry hole-directional
API Number:	01300254	Operator:	Exxon Corp.
Latitude:	37.95052	Longitude:	-121.79104
Region:	6	Lease:	Myrvin C. Carey
Section:	07	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	9030.00000
Spud Date:	11/10/1962	Abandonment Date:	1/2/1963

East
1 - 2 Miles | **OIL_GAS** | **CA00004626**

Well Number:	22-9	Status:	Plugged and abandoned gas
API Number:	01320005	Operator:	Occidental Petroleum Corp.
Latitude:	37.94934	Longitude:	-121.75681
Region:	6	Lease:	Ginochio
Section:	09	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4239.00000
Spud Date:	7/7/1967	Abandonment Date:	9/26/1991

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

East
1 - 2 Miles | **OIL_GAS** | **CA00004866**

Well Number:	11-9	Status:	Plugged and abandoned-dry hole
API Number:	01300068	Operator:	SWEPI
Latitude:	37.94790	Longitude:	-121.76323
Region:	6	Lease:	Williamson
Section:	09	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	5390.00000
Spud Date:	12/22/1962	Abandonment Date:	1/1/1963

East
1 - 2 Miles | **OIL_GAS** | **CA00004433**

Well Number:	1	Status:	Plugged and abandoned-dry hole-directional
API Number:	01320212	Operator:	Venturini Associates, Inc.
Latitude:	37.94631	Longitude:	-121.76273
Region:	6	Lease:	Williamson
Section:	09	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4502.00000
Spud Date:	8/27/1983	Abandonment Date:	9/5/1983

ESE
1/2 - 1 Mile | **OIL_GAS** | **CA00004584**

Well Number:	1	Status:	Plugged and abandoned oil
API Number:	01320051	Operator:	Venturini Associates, Inc.
Latitude:	37.94596	Longitude:	-121.76962
Region:	6	Lease:	Sullenger
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4161.00000
Spud Date:	6/16/1969	Abandonment Date:	6/6/1995

East
1 - 2 Miles | **OIL_GAS** | **CA00004586**

Well Number:	1	Status:	Plugged and abandoned-dry hole-directional
API Number:	01320053	Operator:	Sinco Oil Corp.
Latitude:	37.94595	Longitude:	-121.75962
Region:	6	Lease:	Williamson
Section:	09	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4504.00000
Spud Date:	7/23/1969	Abandonment Date:	8/2/1969

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

ESE
1/2 - 1 Mile | **OIL_GAS** | **CA00004567**

Well Number:	2	Status:	Plugged and abandoned-dry hole-directional
API Number:	01320079	Operator:	Sinco Oil Corp.
Latitude:	37.94560	Longitude:	-121.77217
Region:	6	Lease:	Sullenger
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4264.00000
Spud Date:	12/16/1971	Abandonment Date:	12/31/1971

ESE
1/2 - 1 Mile | **OIL_GAS** | **CA00004871**

Well Number:	3-9	Status:	Plugged and abandoned oil
API Number:	01300073	Operator:	Occidental Petroleum Corp.
Latitude:	37.94501	Longitude:	-121.76592
Region:	6	Lease:	Williamson
Section:	09	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4914.00000
Spud Date:	6/28/1963	Abandonment Date:	12/2/1993

ESE
1/2 - 1 Mile | **OIL_GAS** | **CA00004882**

Well Number:	4-8	Status:	Plugged and abandoned oil
API Number:	01300061	Operator:	Occidental Petroleum Corp.
Latitude:	37.94450	Longitude:	-121.76945
Region:	6	Lease:	Sullenger
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	5000.00000
Spud Date:	10/5/1963	Abandonment Date:	12/6/1993

SSE
1/4 - 1/2 Mile | **OIL_GAS** | **CA00004878**

Well Number:	3-8	Status:	Plugged and abandoned-dry hole
API Number:	01300057	Operator:	SWEPI
Latitude:	37.94419	Longitude:	-121.78161
Region:	6	Lease:	Qvale
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4857.00000
Spud Date:	12/5/1962	Abandonment Date:	12/21/1962

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

ESE
1/2 - 1 Mile | **OIL_GAS** | **CA00004863**

Well Number:	42-8	Status:	Plugged and abandoned oil
API Number:	01300065	Operator:	Occidental Petroleum Corp.
Latitude:	37.94409	Longitude:	-121.77353
Region:	6	Lease:	Sullenger
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4396.00000
Spud Date:	1/16/1964	Abandonment Date:	12/8/1993

ESE
1 - 2 Miles | **OIL_GAS** | **CA00004883**

Well Number:	31-9	Status:	Plugged and abandoned-dry hole
API Number:	01300062	Operator:	SWEPI
Latitude:	37.94244	Longitude:	-121.76533
Region:	6	Lease:	Sullenger
Section:	09	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	5000.00000
Spud Date:	8/16/1963	Abandonment Date:	8/28/1963

SE
1/2 - 1 Mile | **OIL_GAS** | **CA00004880**

Well Number:	41-8	Status:	Plugged and abandoned-dry hole
API Number:	01300059	Operator:	SWEPI
Latitude:	37.94133	Longitude:	-121.77528
Region:	6	Lease:	Qvale
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4500.00000
Spud Date:	11/28/1963	Abandonment Date:	12/6/1963

ESE
1 - 2 Miles | **OIL_GAS** | **CA00004862**

Well Number:	33-9	Status:	Plugged and abandoned-dry hole
API Number:	01300064	Operator:	SWEPI
Latitude:	37.94120	Longitude:	-121.76273
Region:	6	Lease:	Sullenger
Section:	09	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4351.00000
Spud Date:	4/3/1964	Abandonment Date:	4/12/1964

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

South
1/2 - 1 Mile | **OIL_GAS** | **CA00004549**

Well Number:	1	Status:	Plugged and abandoned gas
API Number:	01320083	Operator:	Sinco Oil Corp.
Latitude:	37.94072	Longitude:	-121.78370
Region:	6	Lease:	Qvale
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4347.00000
Spud Date:	1/22/1972	Abandonment Date:	6/10/1988

SSE
1/2 - 1 Mile | **OIL_GAS** | **CA00004879**

Well Number:	2	Status:	Plugged and abandoned gas
API Number:	01300058	Operator:	Sinco Oil Corp.
Latitude:	37.94051	Longitude:	-121.77860
Region:	6	Lease:	Qvale
Section:	08	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4425.00000
Spud Date:	1/5/1964	Abandonment Date:	6/13/1988

SE
1 - 2 Miles | **OIL_GAS** | **CA00004379**

Well Number:	2	Status:	Plugged and abandoned oil
API Number:	01320271	Operator:	Venturini Associates, Inc.
Latitude:	37.93896	Longitude:	-121.76963
Region:	6	Lease:	Ginochio
Section:	17	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4300.00000
Spud Date:	7/5/1987	Abandonment Date:	4/22/1993

SSE
1/2 - 1 Mile | **OIL_GAS** | **CA00004912**

Well Number:	51-17	Status:	Plugged and abandoned gas
API Number:	01300024	Operator:	Venturini Associates, Inc.
Latitude:	37.93880	Longitude:	-121.77596
Region:	6	Lease:	Ginochio
Section:	17	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4219.00000
Spud Date:	9/12/1963	Abandonment Date:	8/25/1986

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

SSE
1/2 - 1 Mile | **OIL_GAS** | **CA00004907**

Well Number:	41-17	Status:	Plugged and abandoned gas
API Number:	01300019	Operator:	Venturini Associates, Inc.
Latitude:	37.93879	Longitude:	-121.77839
Region:	6	Lease:	Ginochio
Section:	17	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4293.00000
Spud Date:	10/1/1963	Abandonment Date:	8/6/1984

SSW
1/2 - 1 Mile | **OIL_GAS** | **CA00004373**

Well Number:	1-18	Status:	Plugged and abandoned-dry hole-directional
API Number:	01320287	Operator:	Baker Oil & Gas Co.
Latitude:	37.93872	Longitude:	-121.78697
Region:	6	Lease:	Fleet-Oak Hill Park
Section:	18	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4201.00000
Spud Date:	3/4/1989	Abandonment Date:	7/18/1989

ESE
1 - 2 Miles | **OIL_GAS** | **CA00004903**

Well Number:	1-16	Status:	Plugged and abandoned-dry hole
API Number:	01300037	Operator:	Occidental Petroleum Corp.
Latitude:	37.93858	Longitude:	-121.76027
Region:	6	Lease:	Ginochio
Section:	16	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4535.00000
Spud Date:	5/17/1963	Abandonment Date:	5/14/1992

SE
1/2 - 1 Mile | **OIL_GAS** | **CA00004376**

Well Number:	1	Status:	Plugged and abandoned oil
API Number:	01320268	Operator:	Venturini Associates, Inc.
Latitude:	37.93816	Longitude:	-121.77231
Region:	6	Lease:	Ginochio
Section:	17	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4337.00000
Spud Date:	3/31/1987	Abandonment Date:	6/26/1990

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

SW
1 - 2 Miles | **OIL_GAS** | **CA00004623**

Well Number:	1	Status:	Plugged and abandoned-dry hole
API Number:	01320002	Operator:	S.M. Reynolds, Operator
Latitude:	37.93774	Longitude:	-121.80011
Region:	6	Lease:	N.L. & F.
Section:	18	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	3933.00000
Spud Date:	3/25/1967	Abandonment Date:	4/16/1967

South
1/2 - 1 Mile | **OIL_GAS** | **CA00004911**

Well Number:	32-17	Status:	Plugged and abandoned-dry hole-directional
API Number:	01300023	Operator:	Sinco Oil Corp.
Latitude:	37.93691	Longitude:	-121.78064
Region:	6	Lease:	Ginochio
Section:	17	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4296.00000
Spud Date:	2/7/1964	Abandonment Date:	2/27/1964

SSW
1 - 2 Miles | **OIL_GAS** | **CA00004677**

Well Number:	2-18	Status:	Plugged and abandoned-dry hole
API Number:	01300258	Operator:	SWEPI
Latitude:	37.93433	Longitude:	-121.79327
Region:	6	Lease:	Gursky
Section:	18	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4487.00000
Spud Date:	5/19/1964	Abandonment Date:	5/30/1964

SSE
1 - 2 Miles | **OIL_GAS** | **CA00004913**

Well Number:	85-17	Status:	Plugged and abandoned-dry hole-directional
API Number:	01300025	Operator:	Occidental Petroleum Corp.
Latitude:	37.93151	Longitude:	-121.76913
Region:	6	Lease:	Ginochio
Section:	17	Township:	01N
Range:	02E	Map Number:	608
Base and Meridian:	Mount Diablo	Total Depth:	4483.00000
Spud Date:	10/23/1963	Abandonment Date:	11/5/1963

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for CONTRA COSTA County: 2

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

Federal Area Radon Information for CONTRA COSTA COUNTY, CA

Number of sites tested: 55

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.760 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.300 pCi/L	100%	0%	0%
Basement	0.525 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

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

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

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

GEOLOGIC INFORMATION

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

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

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations for District 2, 3, 5 and 6
Source: Department of Conservation
Telephone: 916-323-1779

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

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

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

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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The EDR-City Directory
Abstract

Sand Creek Ranch
5599 Empire Mine Road
Antioch, CA 94531

Inquiry Number: 1648192.6

Friday, April 07, 2006

EDR® Environmental Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR City Directory Abstract

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

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

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SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1975 through 2005. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

Date EDR Searched Historical Sources: 4/7/2006

Target Property:
5599 Empire Mine Road
Antioch, CA 94531

Year	Uses	Source
1975	Street Not Listed in Research Source	Haines Criss-Cross Directory
1985	Street Not Listed in Research Source	Haines Criss-Cross Directory
1998	Street Not Listed in Research Source	Haines Criss-Cross Directory
2000	Street Not Listed in Research Source	Haines Criss-Cross Directory
2005	Street Not Listed in Research Source	Haines Criss-Cross Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
Antioch, CA 94531

Year	Uses	Source
1975	Street Not Listed in Research Source	Haines Criss-Cross Directory
1985	Street Not Listed in Research Source	Haines Criss-Cross Directory
1998	Street Not Listed in Research Source	Haines Criss-Cross Directory
2000	Street Not Listed in Research Source	Haines Criss-Cross Directory
2005	Street Not Listed in Research Source	Haines Criss-Cross Directory

The EDR-City Directory
Abstract

Sand Creek Ranch
6275 Deer Creek Road
Antioch, CA 94531

Inquiry Number: 1648192.14

Friday, April 07, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR City Directory Abstract

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

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

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SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1975 through 2005. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

Date EDR Searched Historical Sources: 4/7/2006

Target Property:
6275 Deer Creek Road
Antioch, CA 94531

Year	Uses	Source
1975	Street Not Listed in Research Source	Haines Criss-Cross Directory
1985	Street Not Listed in Research Source	Haines Criss-Cross Directory
1998	Street Not Listed in Research Source	Haines Criss-Cross Directory
2000	Street Not Listed in Research Source	Haines Criss-Cross Directory
2005	Street Not Listed in Research Source	Haines Criss-Cross Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
Antioch, CA 94531

Year	Uses	Source
1975	Street Not Listed in Research Source	Haines Criss-Cross Directory
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2000	Street Not Listed in Research Source	Haines Criss-Cross Directory
2005	Street Not Listed in Research Source	Haines Criss-Cross Directory

EDR Historical Topographic Map Report

Sand Creek Ranch
5599 Empire Mine Road
Antioch, CA 94531

Inquiry Number: 1648192.4

April 05, 2006

EDR® Environmental Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

Form-PEP

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR Historical Topographic Map Report includes a search of available public and private color historical topographic map collections. For more than a century, the USGS has been creating and revising topographic maps for the entire country at a variety of scales. There are about 60,000 U.S. Geological Survey (USGS) produced topographic maps covering the United States.

References

To meet the prior use requirements of ASTM E 1527-05, Section 8.3.2, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-05, Section 8.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. ASTM E 1527-05 requires *"All obvious uses of the property shall be identified from the present, back to the property's first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historcal sources as are necessary and both reasonably ascertainable and likely to be useful."* (ASTM E 1527-05, Section 8.3.2) *Reasonably ascertainable means information that is publicly available, obtainable from a source within reasonable time and cost constraints,and practically reviewable.*

EPA's Standards and Practices for All Appropriate Inquiries (AAI), Section § 312.24, identifies the historical sourcesof information necessary to achieve the objectives and performance factors of § 312.20. According to AAI,*"historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps,building department records, chain of title documents, and land use records."*

Data Gaps

In order to address data gaps, additional sources of information may be consulted. According the AAI, Section § 312.20 (g), *"to the extent there are data gaps (as defined in § 312.10) in the information developed...that affect the ability of persons (including the environmental professional) conducting the all appropriate inquiries to identify conditions indicative of releases or threatened releases...such persons should identify such data gaps, identify the sources of information consulted to address such data gaps, and comment upon the significance of such data gaps."* According to ASTM E 1527-05, Section 8.3.2.3, "historical research is complete when either: (1) the objectives in 8.3.1 through 8.3.2.2 are achieved; or (2) data failure is encountered. Data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met....If data failure is encountered, the report shall document the failure and, if any of the standard historical sources were excluded, give the reasons for their exclusion."

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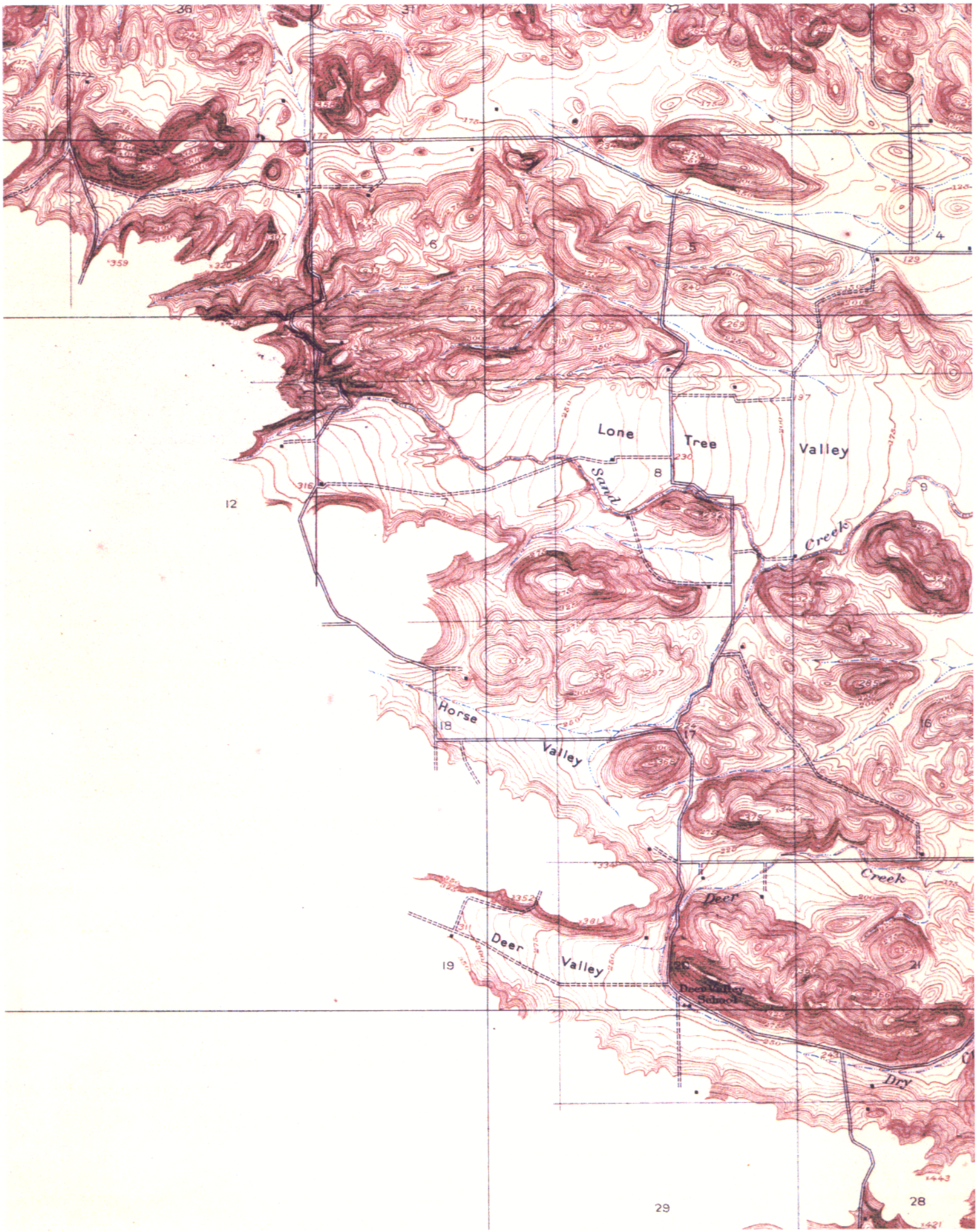
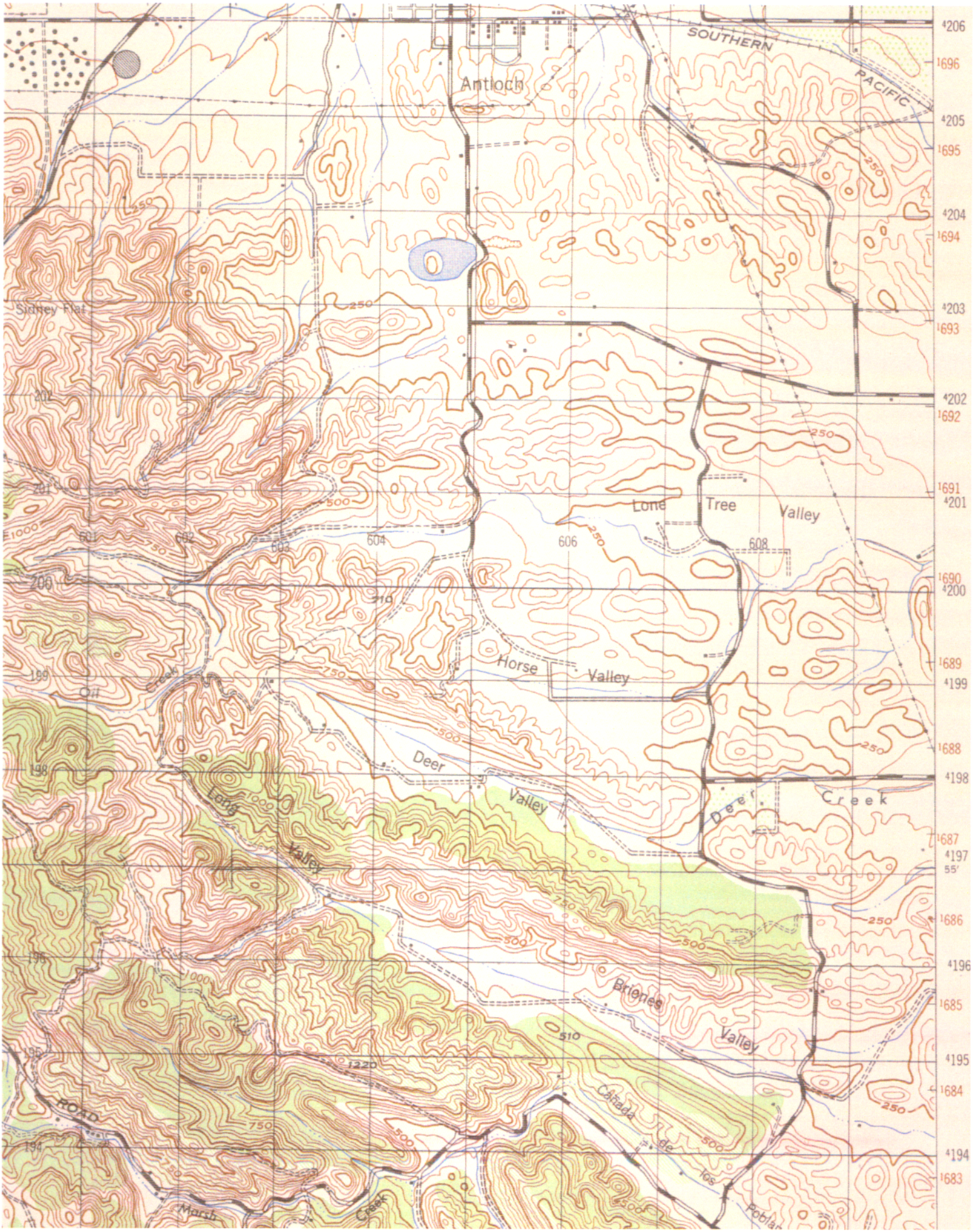
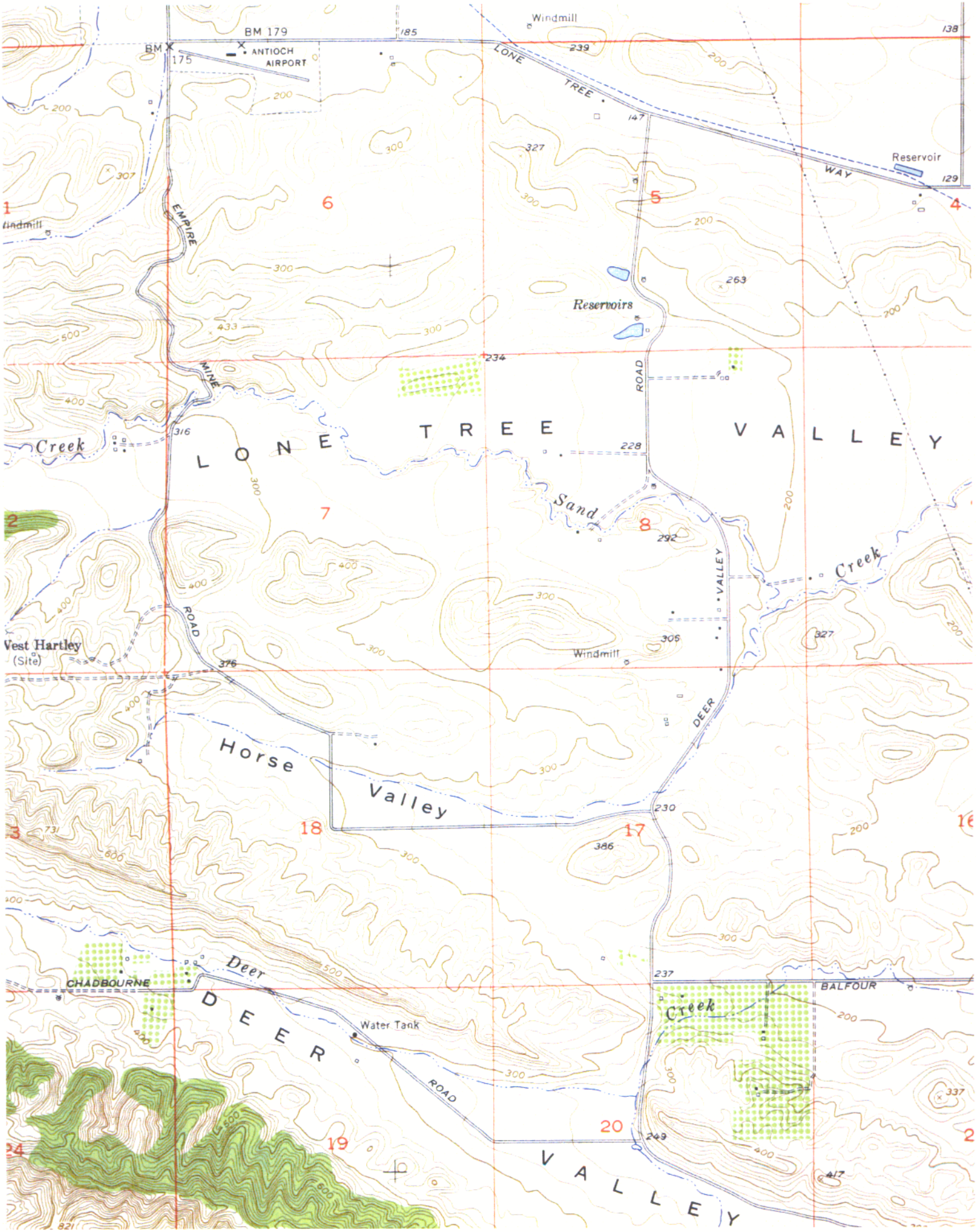
N ^ EDR INQUIRY# 1648192.4 TARGET QUAD: MT.DIABLO YEAR: 1912 Series: 15' Scale: 1:62,500



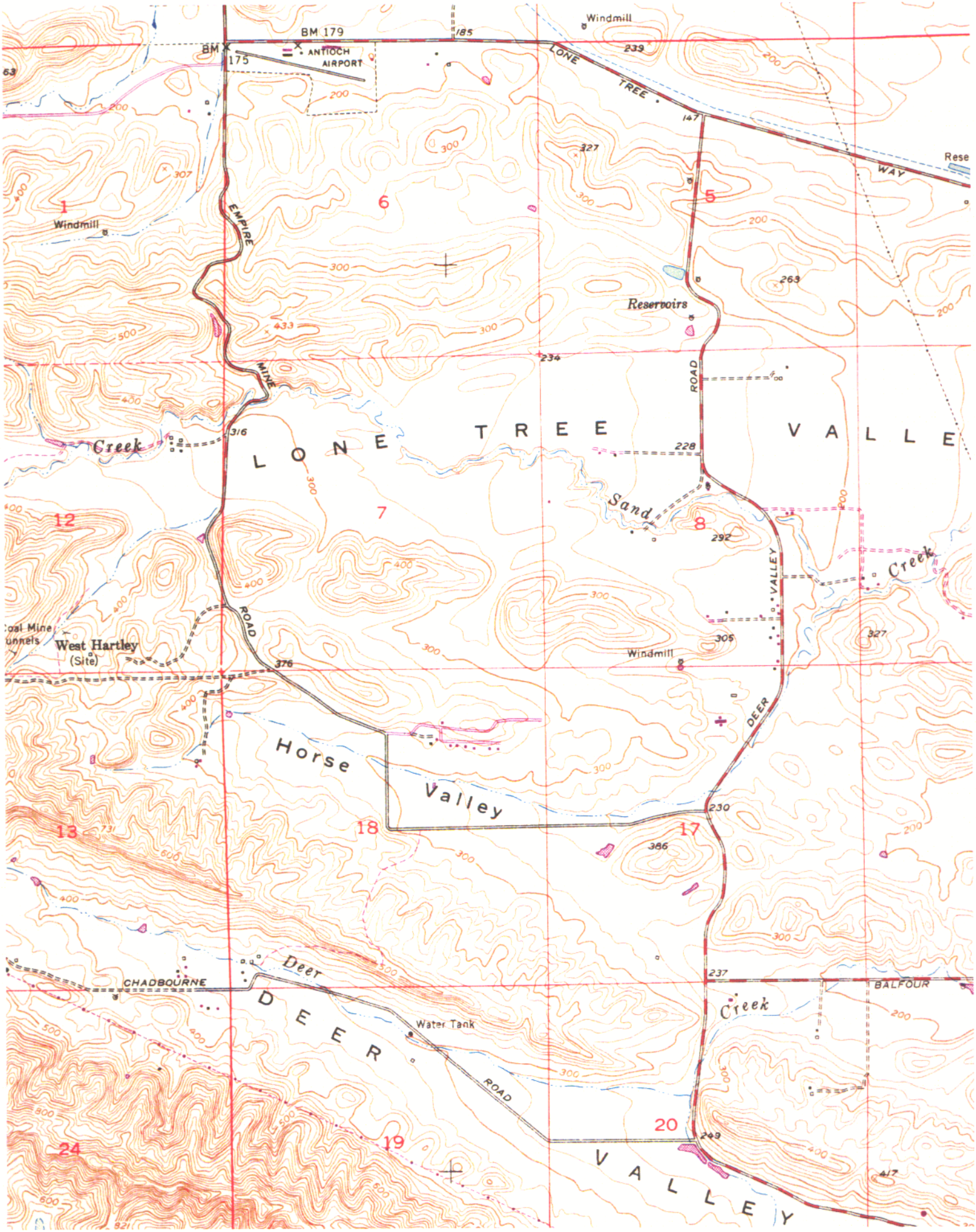
N ^ EDR INQUIRY# 1648192.4 TARGET QUAD: LONETREEVALLEY YEAR: 1916 Preliminary Series: 7.5' Scale: 1:31,680



N ^ EDR INQUIRY# 1648192.4 TARGET QUAD: MT.DIABLO YEAR: 1947 Series: 15' Scale: 1:50,000

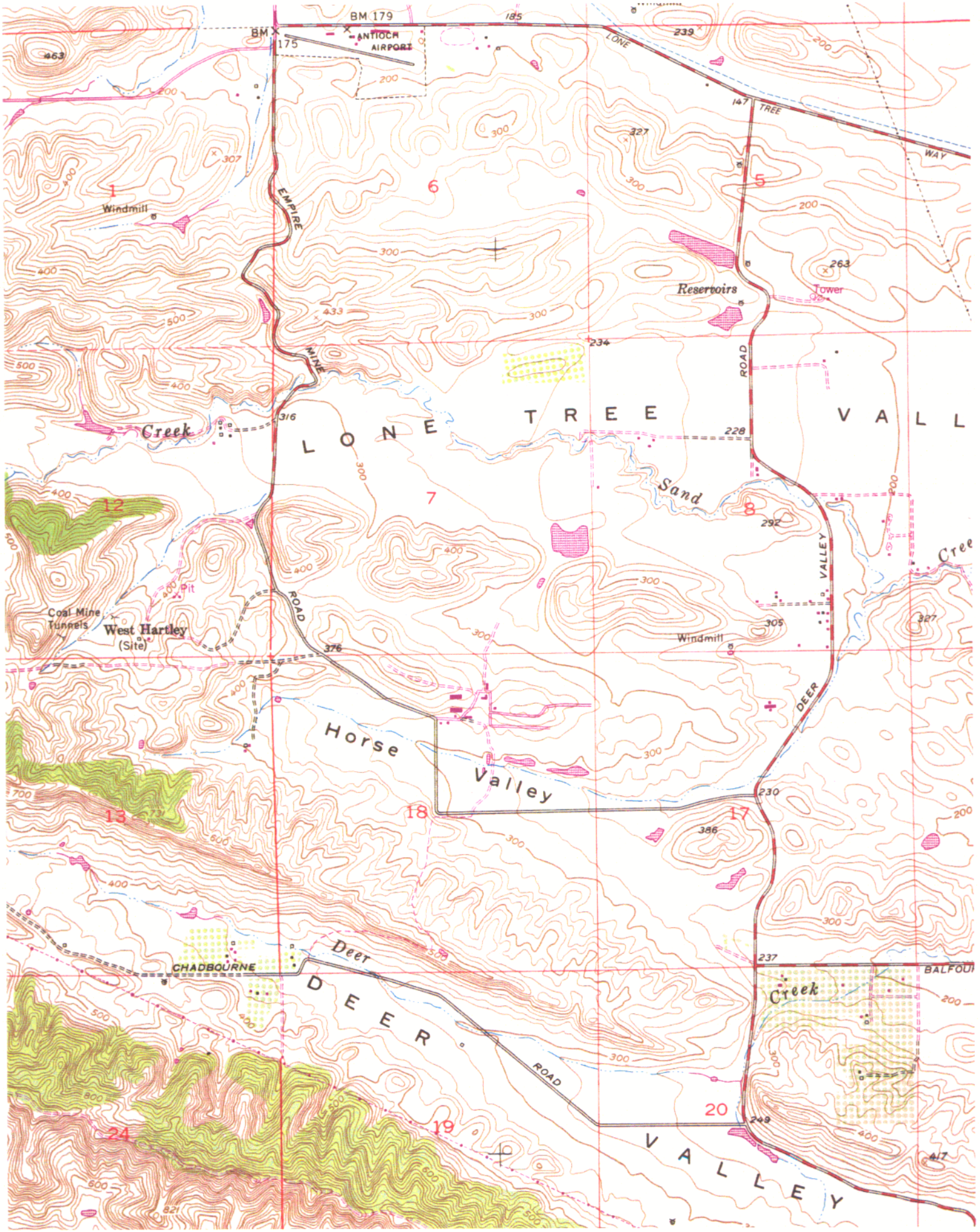


N ^ EDR INQUIRY# 1648192.4 TARGET QUAD: ANTIOCHSOUTH YEAR: 1953 Series: 7.5' Scale: 1:24,000



N ^ EDR INQUIRY# 1648192.4 TARGET QUAD: ANTIOCHSOUTH PhotoRevised: 1953-1968 Series: 7.5' Scale: 1:24,000

N ^ EDR INQUIRY# 1648192.4 TARGET QUAD: ANTIOCHSOUTH PhotoRevised: 1953-1973 Series: 7.5' Scale: 1:24,000



N ^ EDR INQUIRY# 1648192.4 TARGET QUAD: ANTIOCHSOUTH PhotoRevised: 1953-1980 Series: 7.5' Scale: 1:24,000

The EDR Aerial Photo Decade Package

Sand Creek Ranch
Sand Creek Ranch
Antioch, CA 94531

Inquiry Number: 1648192.21

April 05, 2006

EDR® Environmental Data Resources Inc

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440 Wheelers Farms Road
Milford, Connecticut 06461

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Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

THE EDR AERIAL PHOTO DECADE PACKAGE

Environmental Data Resources, Inc.s (EDR) Aerial Photography Print Service is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs at one photo per decade.

References
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Date EDR Searched Historical Sources:

Aerial Photography April 05, 2006

Target Property:

Sand Creek Ranch

Antioch, CA 94531

Year	***Scale***	***Details***	***Source***
1939	Aerial Photograph. Scale: 1"=555'	Flight Year: 1939	Fairchild
1958	Aerial Photograph. Scale: 1"=555'	Flight Year: 1958	Cartwright
1965	Aerial Photograph. Scale: 1"=333'	Flight Year: 1965	Cartwright
1982	Aerial Photograph. Scale: 1"=690'	Flight Year: 1982	WSA
1993	Aerial Photograph. Scale: 1"=666'	Flight Year: 1993	USGS
1998	Aerial Photograph. Scale: 1"=666'	Flight Year: 1998	USGS

INQUIRY #: 1648192.21
YEAR: 1939
= 555'
N
EDR Environmental Data Resources Inc

INQUIRY #: 1648192.21

YEAR: 1958

= 555'

N

EDR Environmental Data Resources Inc

INQUIRY #: 1648192.21
YEAR: 1965
= 333'
N
EDR Environmental Data Resources Inc

INQUIRY #: 1648192.21
YEAR: 1982
= 690'
N

INQUIRY #: 1648192.21
YEAR: 1993
= 666'
N
EDR Environmental Data Resources Inc

INQUIRY #: 1648192.21
YEAR: 1998
= 666'
N

The EDR Aerial Photo Decade Package

Sand Creek Ranch
5599 Empire Mine Road
Antioch, CA 94531

Inquiry Number: 1648192.5

April 05, 2006

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440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

THE EDR AERIAL PHOTO DECADE PACKAGE

Environmental Data Resources, Inc.s (EDR) Aerial Photography Print Service is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs at one photo per decade.

References
EPAs Standards and Practices for All Appropriate Inquiries (AAI), section 312.24, identifies the historical sources of information necessary to achieve the objectives and performance factors of section 312.20. According to AAI, *"historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."*

To meet the prior use requirements of ASTM E 1527-05, Section 8.3.2, the following standard *historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-05, Section 8.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. ASTM E 1527-05 requires *"All obvious uses of the property shall be identified from the present, back to the property's first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historcal sources as are necessary and both reasonably ascertainable and likely to be useful."* (ASTM E 1527-05, Section 8.3.2) *Reasonably ascertainable means information that is publicly available, obtainable from a source within reasonable time and cost constraints, and practically reviewable.*

Data Gaps
In order to address *data gaps*, additional sources of information may be consulted. According the AAI, Section 312.20 (g), *"to the extent there are data gaps (as defined in section 312.10) in the information developed...that affect the ability of persons (including the environmental professional) conducting the all appropriate inquiries to identify conditions indicative of releases or threatened releases...such persons should identify such data gaps, identify the sources of information consulted to address such data gaps, and comment upon the significance of such data gaps."* According to ASTM E 1527-05, Section 8.3.2.3, *"historical research is complete when either: (1) the objectives in 8.3.1 through 8.3.2.2 are achieved; or (2) data failure is encountered. Data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met....If data failure is encountered, the report shall document the failure and, if any of the standard historical sources were excluded, give the reasons for their exclusion."*

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Date EDR Searched Historical Sources:

Aerial Photography April 05, 2006

Target Property:

5599 Empire Mine Road

Antioch, CA 94531

Year	***Scale***	***Details***	***Source***
1939	Aerial Photograph. Scale: 1"=555'	Flight Year: 1939	Fairchild
1958	Aerial Photograph. Scale: 1"=555'	Flight Year: 1958	Cartwright
1965	Aerial Photograph. Scale: 1"=333'	Flight Year: 1965	Cartwright
1982	Aerial Photograph. Scale: 1"=690'	Flight Year: 1982	WSA
1993	Aerial Photograph. Scale: 1"=666'	Flight Year: 1993	USGS
1998	Aerial Photograph. Scale: 1"=666'	Flight Year: 1998	USGS

INQUIRY #: 1648192.5
YEAR: 1939
= 555'
N

INQUIRY #: 1648192.5
YEAR: 1958
= 555'
N

INQUIRY #: 1648192.5
YEAR: 1965
= 333'
N
EDR Environmental Data Resources Inc

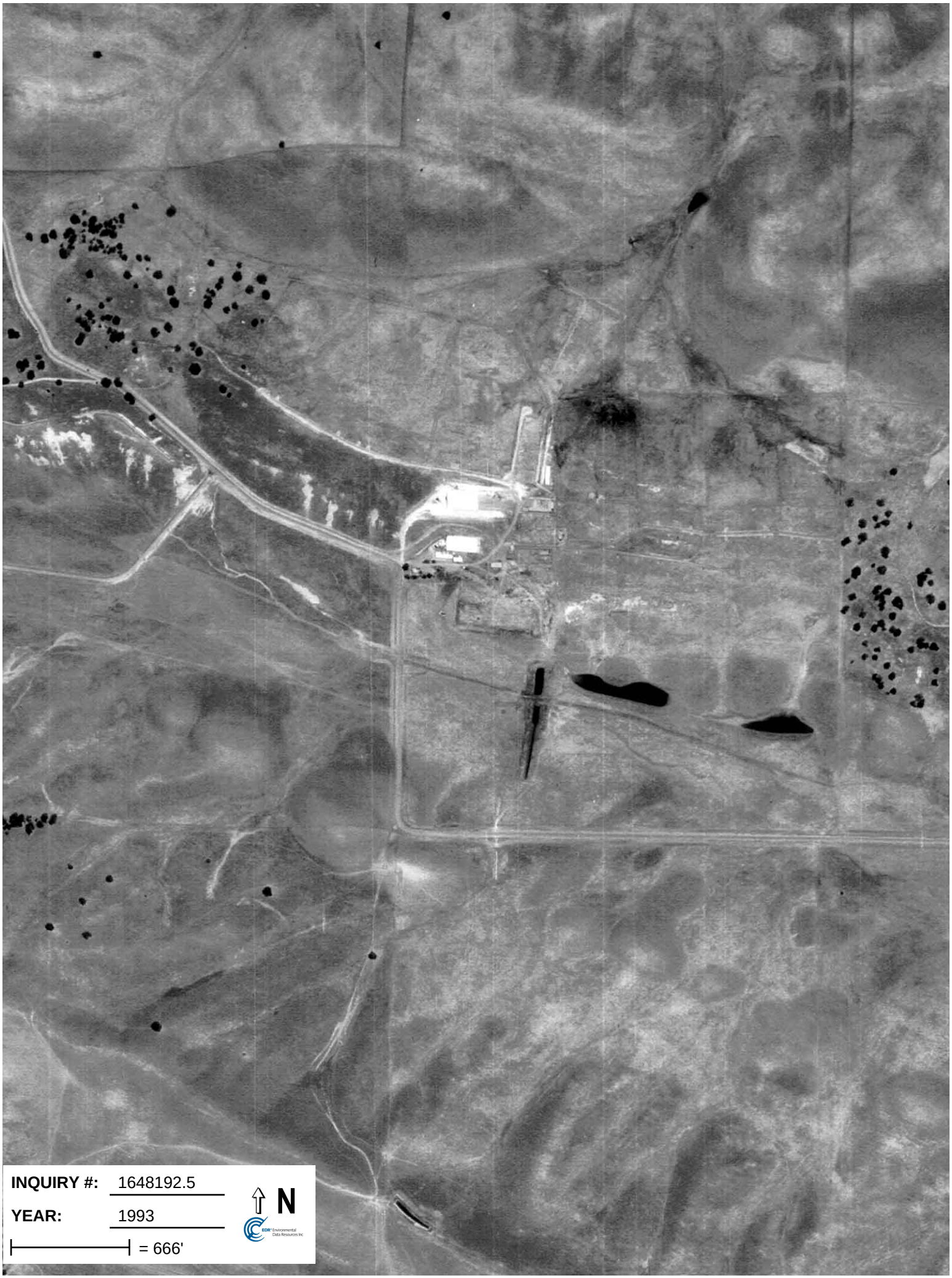
INQUIRY #: 1648192.5

YEAR: 1982

= 690'

N

EDR Environmental Data Resources Inc


INQUIRY #: 1648192.5
YEAR: 1993
= 666'
N

INQUIRY #: 1648192.5
YEAR: 1998
= 666'
N

The EDR Aerial Photo Decade Package

Sand Creek Ranch
6275 Deer Creek Road
Antioch, CA 94531

Inquiry Number: 1648192.13

April 05, 2006

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The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

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Date EDR Searched Historical Sources:

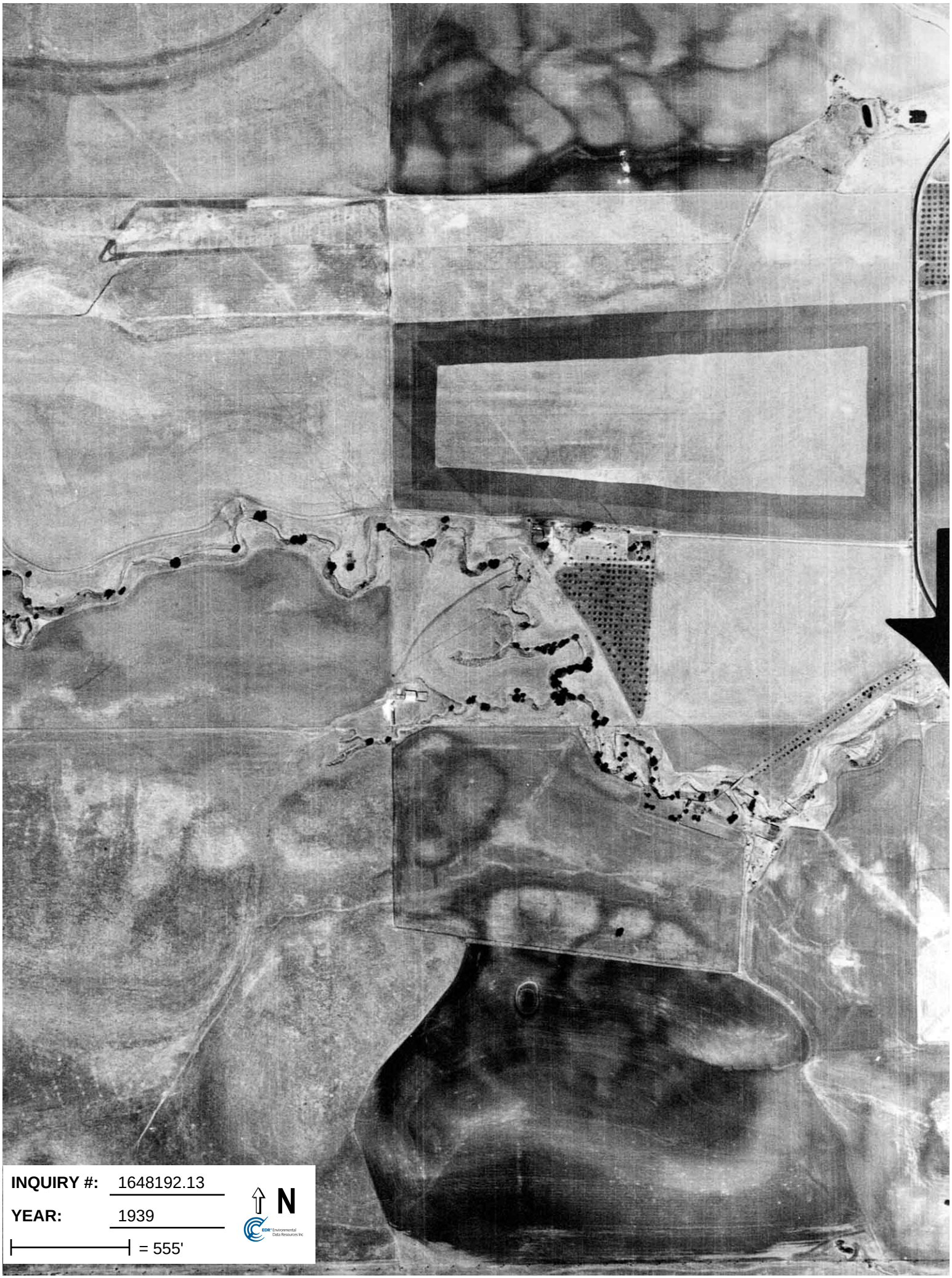
Aerial Photography April 05, 2006

Target Property:

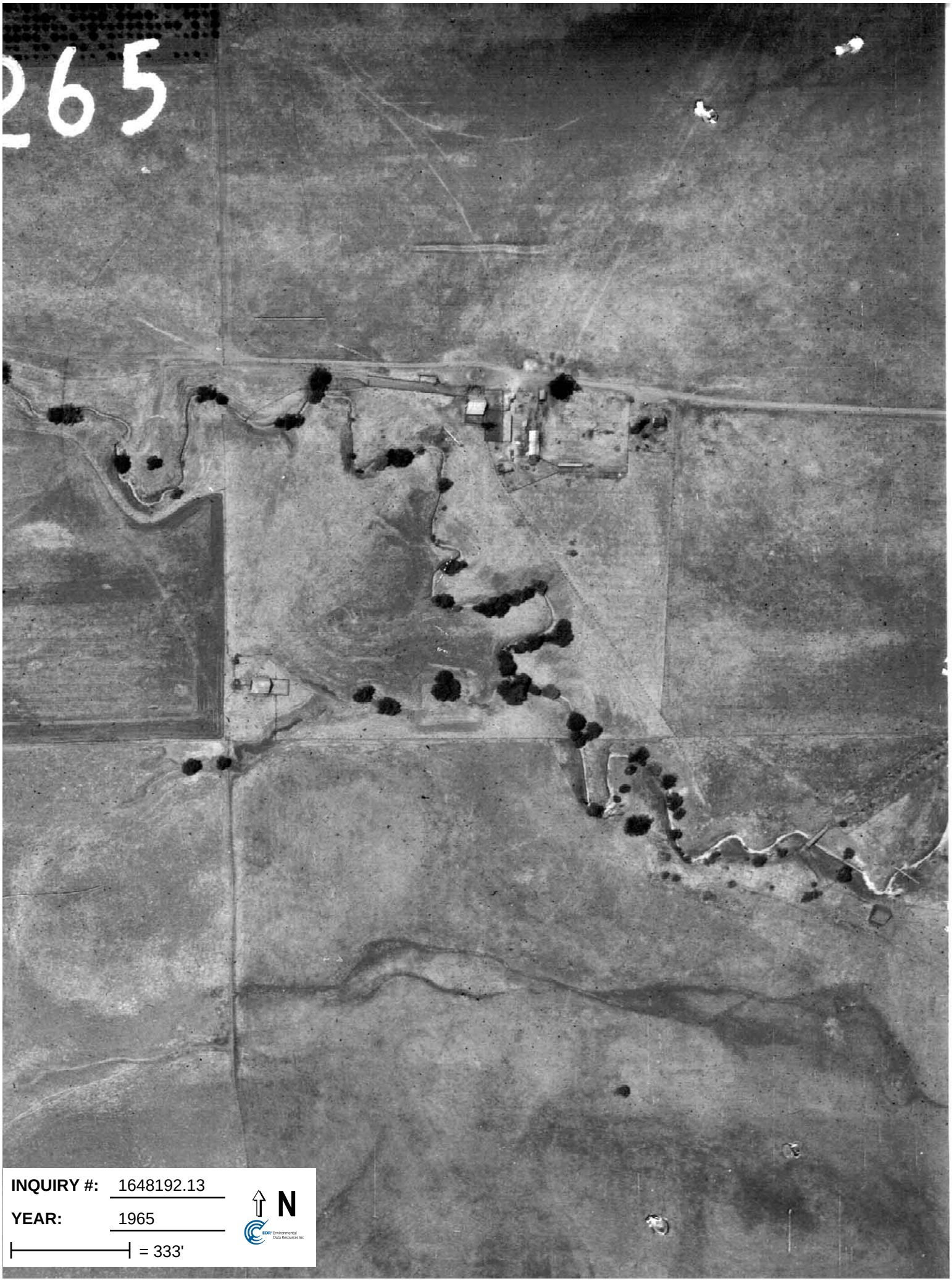
6275 Deer Creek Road

Antioch, CA 94531

Year	***Scale***	***Details***	***Source***
1939	Aerial Photograph. Scale: 1"=555'	Flight Year: 1939	Fairchild
1958	Aerial Photograph. Scale: 1"=555'	Flight Year: 1958	Cartwright
1965	Aerial Photograph. Scale: 1"=333'	Flight Year: 1965	Cartwright
1982	Aerial Photograph. Scale: 1"=690'	Flight Year: 1982	WSA
1993	Aerial Photograph. Scale: 1"=666'	Flight Year: 1993	USGS
1998	Aerial Photograph. Scale: 1"=666'	Flight Year: 1998	USGS


INQUIRY #: 1648192.13
YEAR: 1939
= 555'
N
EDR Environmental Data Resources Inc

INQUIRY #: 1648192.13
YEAR: 1958
= 555'
N
EDR Environmental Data Resources Inc

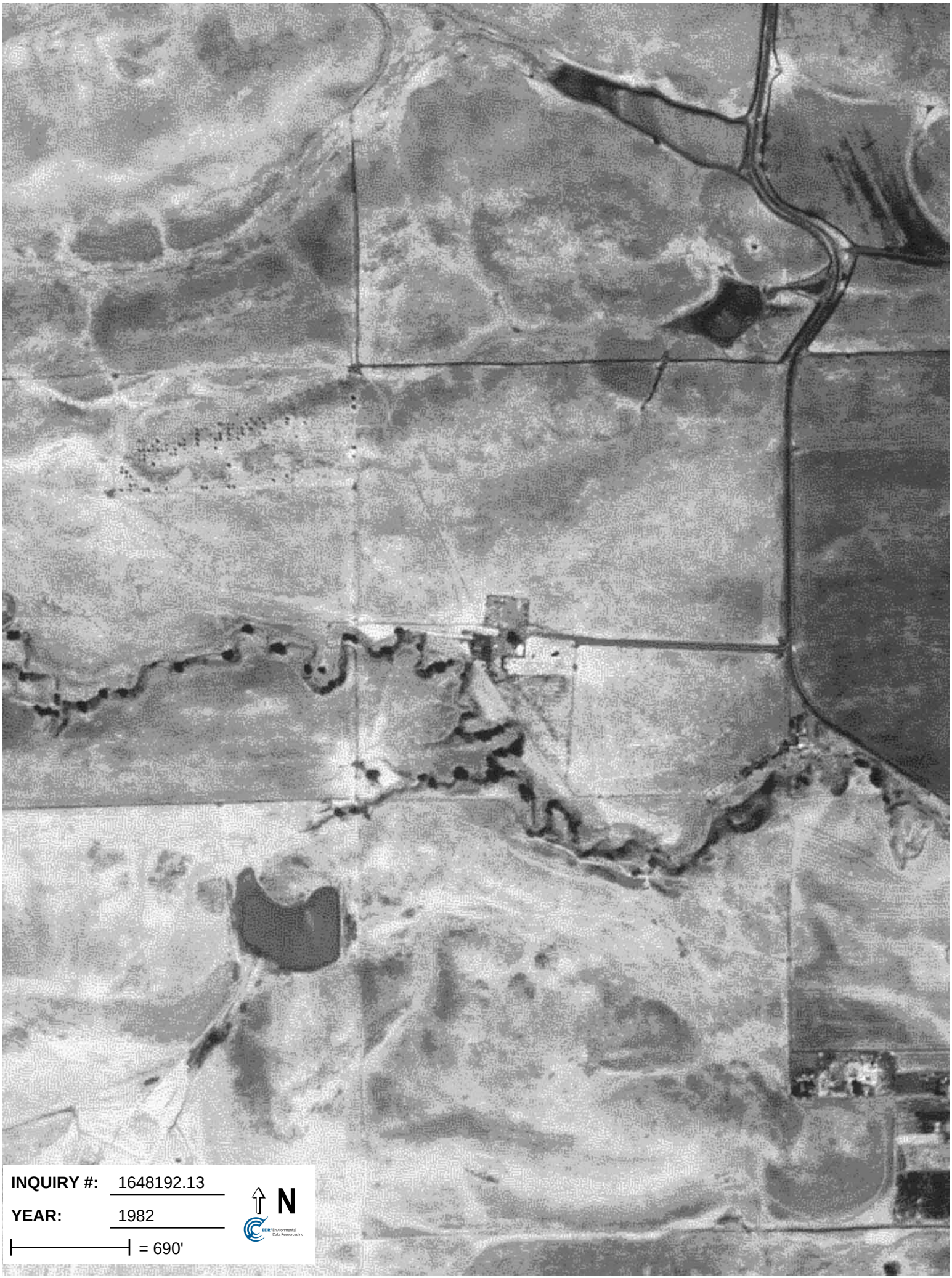


INQUIRY #: 1648192.13

YEAR: 1965

= 333'

N


INQUIRY #: 1648192.13
YEAR: 1982
= 690'
N

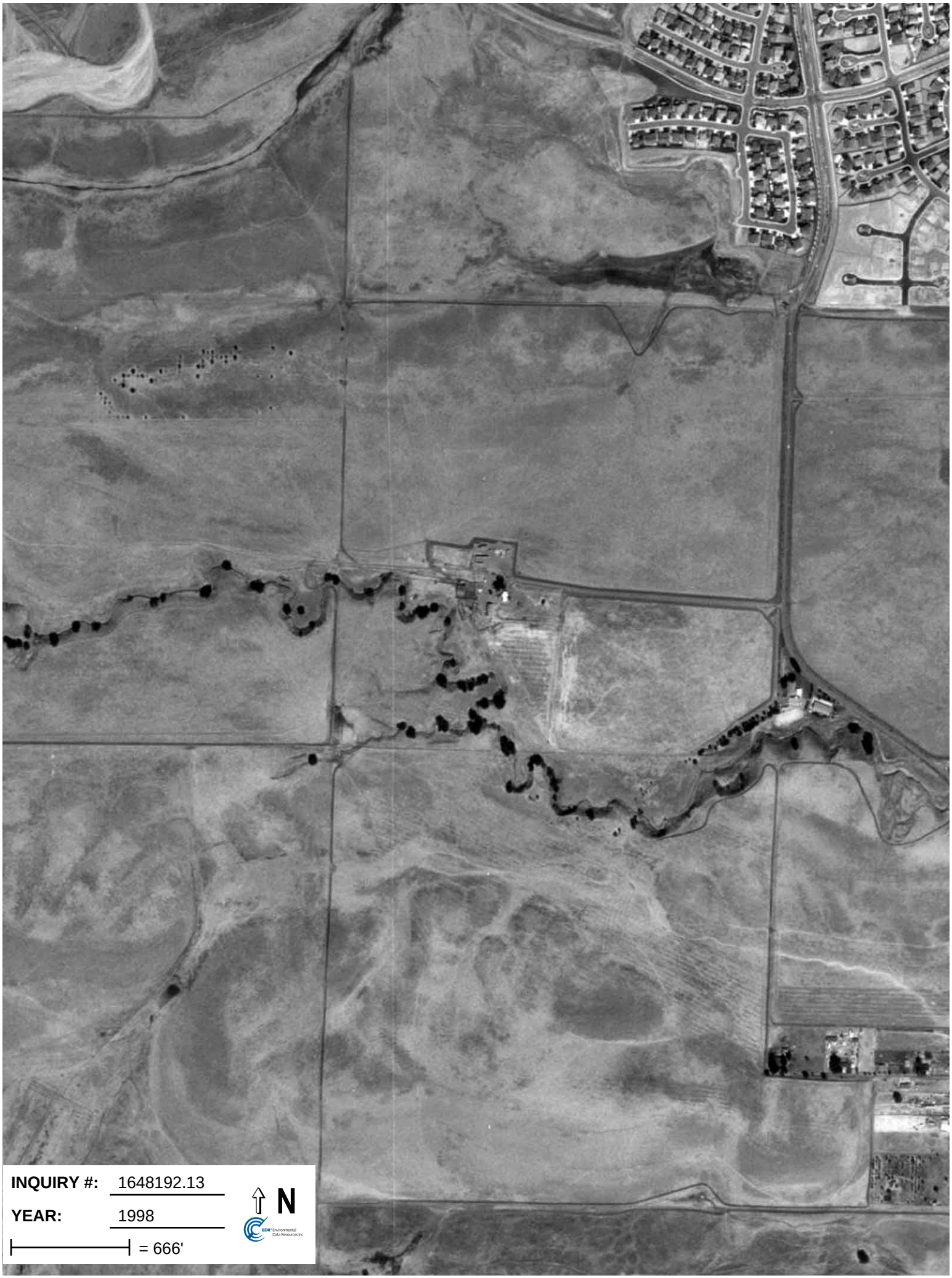
INQUIRY #: 1648192.13

YEAR: 1993

= 666'

N

EDR Environmental Data Resources Inc


INQUIRY #: 1648192.13
YEAR: 1998
= 666'
N

APPENDIX B

Title Report

First American Title

2300 Boynton Avenue, Suite 101
Fairfield, CA 94533

Escrow Officer:	Molly Baier (MB)
Phone:	(707)423-9000
Fax No.:	(707)425-4672
E-Mail:	mbaier@firstam.com
Buyer:	Sand Creek LLC
Owner:	Shea Homes Limited Partnership
Property:	Empire Mine Road & Deer Valley Road Antioch, CA

PRELIMINARY REPORT

In response to the above referenced application for a policy of title insurance, this company hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception below or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy forms.

The printed Exceptions and Exclusions from the coverage of said Policy or Policies are set forth in Exhibit A attached. Copies of the Policy forms should be read. They are available from the office which issued this report.

Please read the exceptions shown or referred to below and the exceptions and exclusions set forth in Exhibit A of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.

It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects, and encumbrances affecting title to the land.

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

Dated as of January 31, 2006 at 7:30 A.M.

The form of Policy of title insurance contemplated by this report is:

To Be Determined

A specific request should be made if another form or additional coverage is desired.

Title to said estate or interest at the date hereof is vested in:

Shea Homes Limited Partnership, a California limited partnership, as to 50% interest and Topaz Creek Investors LLC, a ltd. liability co. as to 50% interest, as to Parcels One, Two & Three and Oak Hill Park Company, a California corporation, as to Parcels Four through Eight

The estate or interest in the land hereinafter described or referred to covered by this Report is:

A fee.

The Land referred to herein is described as follows:

(See attached Legal Description)

At the date hereof exceptions to coverage in addition to the printed Exceptions and Exclusions in said policy form would be as follows:

1. General and special taxes and assessments for the fiscal year 2206-2007, a lien not yet due or payable.

2. General and special taxes and assessments for the fiscal year 2005-2006.

First Installment:	$2,069.13, PAID
Penalty:	$0.00
Second Installment:	$2,069.13, PAYABLE
Penalty:	$0.00
Tax Rate Area:	01-132
A. P. No.:	057-010-001

Affects Parcel Four

3. General and special taxes and assessments for the fiscal year 2005-2006.

First Installment:	$14,629.78, DELINQUENT
Penalty:	$1,462.97
Second Installment:	$14,629.78, PAYABLE
Penalty:	$0.00
Tax Rate Area:	01-132
A. P. No.:	057-010-002

Affects Parcel Three

4. Supplemental taxes for the year 2004-2005 assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

First Installment:	$4,720.77, DELINQUENT
Delinquent Date:	January 31, 2006
Penalty:	$472.07
Second Installment:	$4,720.77, PAYABLE
Delinquent Date:	May 31, 2006
Penalty:	$0.00
Tax Rate Area:	01-132
A. P. No.:	057-010-002

Affects Parcel Three

5. General and special taxes and assessments for the fiscal year 2005-2006.

First Installment:	$9,982.53, DELINQUENT
Penalty:	$998.25
Second Installment:	$9,982.53, PAYABLE
Penalty:	$0.00
Tax Rate Area:	01-132
A. P. No.:	057-010-003

Affects Parcel Two

6. Supplemental taxes for the year 2004-2005 assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

First Installment:	$3,180.04, DELINQUENT
Delinquent Date:	January 31, 2006
Penalty:	$318.00
Second Installment:	$3,180.04, PAYABLE
Delinquent Date:	May 31, 2006
Penalty:	$0.00
Tax Rate Area:	01-132
A. P. No.:	057-010-003

Affects Parcel Two

7. General and special taxes and assessments for the fiscal year 2005-2006.

First Installment:	$4,189.02, PAID
Penalty:	$0.00
Second Installment:	$4,189.02, PAYABLE
Penalty:	$0.00
Tax Rate Area:	01-132
A. P. No.:	057-010-004

Affects Parcels Five & Six

8. General and special taxes and assessments for the fiscal year 2005-2006.

First Installment:	$10,193.79, DELINQUENT
Penalty:	$1,019.37
Second Installment:	$10,193.79, PAYABLE
Penalty:	$0.00
Tax Rate Area:	01-132
A. P. No.:	057-021-003

Affects Parcel One

9. Supplemental taxes for the year 2004-2005 assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

First Installment:	$2,986.99, DELINQUENT
Delinquent Date:	January 31, 2006
Penalty:	$298.69
Second Installment:	$2,986.99, PAYABLE
Delinquent Date:	May 31, 2006
Penalty:	$0.00
Tax Rate Area:	01-132
A. P. No.:	057-021-003

Affects Parcel One

10. General and special taxes and assessments for the fiscal year 2005-2006.

First Installment:	$21,753.52, PAID
Penalty:	$0.00
Second Installment:	$21,753.52, PAYABLE
Penalty:	$0.00
Tax Rate Area:	01-123
A. P. No.:	057-060-006

Affects Parcels Seven and Eight

11. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

12. The lien of bonds and assessment liens, if applicable, collected with the general and special taxes.

13. The lien of special tax assessed pursuant to Chapter 2.5 commencing with Section 53311 of the California Government Code for Community Facilities District No. 2004-01, as disclosed by Notice of Special Tax Lien recorded March 1, 2005 as Instrument No. 2005-070213 of Official Records.

14. Rights of the public in and to that portion of the land lying within Deer Valley Road and Empire Mine Road.

15. An easement for pole lines and incidental purposes, recorded February 20, 1913 in Book 200 of Deeds, Page 142.
In Favor of: The Pacific Telephone and Telegraph Company
Affects: The Northerly portion of Parcel Eight

16. An easement for power lines and incidental purposes, recorded May 24, 1913 in Book 202 of Deeds, Page 240.
In Favor of: The Pacific Telephone and Telegraph Company
Affects: The Northerly portion of Parcel Seven

17. An easement for pipe lines and pole lines and incidental purposes in the document recorded January 3, 1930 in Book 223, Page 75 of Official Records.

Affects a portion of Parcel Two

18. An easement for pipe lines and pole lines and incidental purposes in the document recorded January 24, 1930 in Book 227, Page 23 of Official Records.

Affects a portion of Parcel One

19. Rights of surface entry to be used in connection with the ownership and development of the mineral interest as reserved in the Deed from Sue Lachmann, recorded January 7, 1944, Book 764, Page 395, Official Records.

Said matter affects Parcels Four, Five and Six

20. An easement for pole lines and incidental purposes, recorded June 16, 1952 in Book 1946, Page 366 of Official Records.
In Favor of: Pacific Gas and Electric Company, a California corporation
Affects: A portion of Parcels Four, Seven & Eight

21. An easement for utilities and incidental purposes, recorded October 9, 1953 in Book 2205, Page 357 of Official Records.
In Favor of: The Pacific Telephone and Telegraph Company, a corporation
Affects: A portion of Parcels Four, Seven & Eight

22. An easement for pipe lines and incidental purposes, recorded January 11, 1957 in Book 2912, Page 290 of Official Records.

In Favor of:	Southern Pacific Pipe Lines, Inc., a corporation
Affects:	The exact location is not defined of record

23. An oil and gas lease executed by Oak Hill Park Company, a California corporation as lessor and Fleet Oil Co., a California corporation as lessee, recorded February 16, 1988 in Book 14170, Page 881 of Official Records.

The effect of the following:

Surrender and Quitclaim of Oil and Gas Lease

From	:Fleet Oil Co., a California corporation
To	:Oak Hill Park Company
Recorded	:December 28, 1992, Book 18152, Page 493

At the time of recording said Grantor had no record interest in said lease.

Parcels Five, Six, Seven & Eight

Defects, liens, encumbrances or other matters affecting the leasehold estate, whether or not shown by the public records.

24. The terms and provisions contained in the document entitled "Memorandum of Agreement for Formation of Assessment District(s) for Antioch Future Urbanization Area #1" recorded September 25, 1995 as Serial No. 95-160143 of Official Records.

Affects Parcels Four through Eight

25. An easement for temporary right to enter and construct grading, slope and storm drain and incidental purposes contained in a document recorded May 30, 2001 as Instrument No. 2001-0146355-00 of Official Records, and the terms and provisions as contained therein.

26. The terms and provisions contained in the document entitled "Drainage Release Agreement" recorded September 20, 2001 as Instrument No. 2001-282700 of Official Records.

27. An easement for slope control and incidental purposes in the document recorded September 20, 2001 as Instrument No. 2001-282701 of Official Records.

Affects a Northerly portion of Parcels Two and Three

28. An easement for access and maintenance and incidental purposes in the document recorded October 15, 2002 as Instrument No. 2002-371942 of Official Records.

Affects Parcel One

29. An easement for street light maintenance and incidental purposes in the document recorded August 4, 2003 as Instrument No. 2003-378776 of Official Records.

Said matter affects a portion of Parcel One

30. A deed of trust to secure an original indebtedness of $3,910,000.00 recorded December 7, 2004 as Instrument No. 2004-468590 of Official Records.

Dated:	December 2, 2004
Trustor:	Shea Homes Limited Partnership, a California limited partnership
Trustee:	First American Title Insurance Company, a California corporation
Beneficiary:	Idaho National Bank, as the sole Trustee of the Leonarda A. Cowan Trust, as to an undivided 30% interest; and Zachary Cowan, an unmarried man, as to an undivided 70% interest

Affects the interest of Shea Homes Limited Partnership.

According to the public records, 30% of the beneficial interest under the deed of trust was assigned to Sandra Keller, an unmarried person by assignment recorded April 11, 2005 as Instrument No. 2005-0123521-00 of Official Records.

Affects Parcels One, Two & Three

31. A deed of trust to secure an original indebtedness of $1,400,000.00 recorded January 27, 2005 as Instrument No. 2005-0029288-00 of Official Records.

Dated:	December 14, 2004
Trustor:	Topaz Creek Investors LLC, a ltd. liability co.
Trustee:	Fidelity National Title Company, a California corporation
Beneficiary:	Samuel D. Cowan, Trustee of the Samuel D. Cowan Trust, dated February 10, 2004

Affects the interest of Topaz Creek Investors LLC.

Affects Parcels One, Two & Three

INFORMATIONAL NOTES

1. Taxes for proration purposes only for the fiscal year 2003-2004 (Supplemental).

First Installment:	$793.13, PAID
Second Installment:	$793.13, PAID
Tax Rate Area:	01-132
APN:	057-010-001

Affects Parcel Four

2. Taxes for proration purposes only for the fiscal year 2003-2004 (Supplemental).

First Installment:	$1,191.16, PAID
Second Installment:	$1,191.16, PAID
Tax Rate Area:	01-132
APN:	057-010-004

Affects Parcels Five & Six

3. Taxes for proration purposes only for the fiscal year 2003-2004 (Supplemental).

First Installment:	$9,298.78, PAID
Second Installment:	$9,298.78, PAID
Tax Rate Area:	01-123
APN:	057-060-006

Affects Parcels Seven & Eight

4. According to the public records, there has been no conveyance of the land within a period of twenty four months prior to the date of this report, except as follows:

A document recorded May 19, 2004 as Instrument No. 2004-0187743-00 of Official Records.

From:	Samuel D. Cowan, an unmarried man
To:	Samuel D. Cowan, Trustee of the Samuel D. Cowan Trust, dated February 10, 2004

Affects Parcels One, Two & Three

A document recorded December 7, 2004 as Instrument No. 2004-0468588-00 of Official Records.

From:	Idaho Trust Company, division of Wealthbank, N A, a national banking association, as Trustee of the Leonarda A Cowan Trust of 1982
To:	Zachary Cowan, an unmarried man

Affects Parcels One, Two & Three

A document recorded December 7, 2004 as Instrument No. 2004-0468589-00 of Official Records.

From:	Zachary Cowan, an unmarried man and Idaho Trust Company, division of Wealthbank, N A, a national banking association, as Trustee of the Leonarda A. Cowan Trust
To:	Shea Homes Limited Partnership, a California limited partnership, as to 50% interest

Affects Parcels One, Two & Three

A document recorded January 27, 2005 as Instrument No. 2005-0029287-00 of Official Records.

From:	Samuel D. Cowan, Trustee of the Samuel D. Cowan Trust, dated February 10, 2004
To:	Topaz Creek Investors LLC, a ltd. liability co. as to 50% interest

Affects Parcels One, Two & Three

5. This preliminary report/commitment was prepared based upon an application for a policy of title insurance that identified land by street address or assessor's parcel number only. It is the responsibility of the applicant to determine whether the land referred to herein is in fact the land that is to be described in the policy or policies to be issued.

6. Should this report be used to facilitate your transaction, we must be provided with the following prior to the issuance of the policy:

   A. WITH RESPECT TO A CORPORATION:

      a. A certificate of good standing of recent date issued by the Secretary of State of the corporation's state of domicile.

      b. A certificate copy of a resolution of the Board of Directors authorizing the contemplated transaction and designating which corporate officers shall have the power to execute on behalf of the corporation.

      c. Requirements which the Company may impose following its review of the above material and other information which the Company may require.

   B. WITH RESPECT TO A CALIFORNIA LIMITED PARTNERSHIP:

      a. A certified copy of the certificate of limited partnership (form LP-1) and any amendments thereto (form LP-2) to be recorded in the public records;

      b. A full copy of the partnership agreement and any amendments;

      c. Satisfactory evidence of the consent of a majority in interest of the limited partners to the contemplated transaction;

      d. Requirements which the Company may impose following its review of the above material and other information which the Company may require.

C. WITH RESPECT TO A FOREIGN LIMITED PARTNERSHIP:

a. A certified copy of the application for registration, foreign limited partnership (form LP-5) and any amendments thereto (form LP-6) to be recorded in the public records;

b. A full copy of the partnership agreement and any amendment;

c. Satisfactory evidence of the consent of a majority in interest of the limited partners to the contemplated transaction;

d. Requirements which the Company may impose following its review of the above material and other information which the Company may require.

D. WITH RESPECT TO A GENERAL PARTNERSHIP:

a. A certified copy of a statement of partnership authority pursuant to Section 16303 of the California Corporation Code (form GP-I), executed by at least two partners, and a certified copy of any amendments to such statement (form GP-7), to be recorded in the public records;

b. A full copy of the partnership agreement and any amendments;

c. Requirements which the Company may impose following its review of the above material required herein and other information which the Company may require.

E. WITH RESPECT TO A LIMITED LIABILITY COMPANY:

a. A copy of its operating agreement and any amendments thereto;

b. If it is a California limited liability company, a certified copy of its articles of organization (LLC-1) and any certificate of correction (LLC-11), certificate of amendment (LLC-2), or restatement of articles of organization (LLC-10) to be recorded in the public records;

c. If it is a foreign limited liability company, a certified copy of its application for registration (LLC-5) to be recorded in the public records;

d. With respect to any deed, deed of trust, lease, subordination agreement or other document or instrument executed by such limited liability company and presented for recordation by the Company or upon which the Company is asked to rely, such document or instrument must be executed in accordance with one of the following, as appropriate:

(i) If the limited liability company properly operates through officers appointed or elected pursuant to the terms of a written operating agreement, such documents must be executed by at least two duly elected or appointed officers, as follows: the chairman of the board, the president or any vice president, and any secretary, assistant secretary, the chief financial officer or any assistant treasurer;

(ii) If the limited liability company properly operates through a manager or managers

identified in the articles of organization and/or duly elected pursuant to the terms of a written operating agreement, such document must be executed by at least two such managers or by one manager if the limited liability company properly operates with the existence of only one manager.

e. Requirements which the Company may impose following its review of the above material and other information which the Company may require.

F. WITH RESPECT TO A TRUST:

a. A certification pursuant to Section 18500.5 of the California Probate Code in a form satisfactory to the Company.

b. Copies of those excerpts from the original trust documents and amendments thereto which designate the trustee and confer upon the trustee the power to act in the pending transaction.

c. Other requirements which the Company may impose following its review of the material require herein and other information which the Company may require.

G. WITH RESPECT TO INDIVIDUALS:

a. A statement of information.

The map attached, if any, may or may not be a survey of the land depicted hereon. First American expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.

LEGAL DESCRIPTION

Real property in the City of Antioch, County of Contra Costa, State of California, described as follows:

PARCEL ONE:

THE NORTHWEST ¼ OF SECTION 8, TOWNSHIP 1 NORTH, RANGE 2 EAST, MOUNT DIABLO BASE AND MERIDIAN.

EXCEPTING FROM PARCEL ONE:

1- THAT 2.25 ACRE PARCEL OF LAND DESCRIBED IN THE DEED TO M.J. ALEXANDER, RECORDED FEBRUARY 4, 1928 IN BOOK 111 OF OFFICIAL RECORDS, PAGE 455.

2- THAT PORTION OF THE PREMISES LYING WITHIN SNODGRASS LANE.

3- THE INTEREST CONVEYED TO THE CITY OF ANTIOCH BY DEED RECORDED OCTOBER 21, 2002, INSTRUMENT NO. 2002-381492, OFFICIAL RECORDS.

PARCEL TWO:

THE NORTHEAST ¼ OF SECTION 7, TOWNSHIP 1 NORTH, RANGE 2 EAST, MOUNT DIABLO BASE AND MERIDIAN.

PARCEL THREE:

LOTS 1 AND 2 IN THE NORTHWEST ¼ AND THE NORTH ½ OF LOTS 1 AND 2 IN THE SOUTHWEST ¼ OF SECTION 7, TOWNSHIP 1 NORTH, RANGE 2 EAST, MOUNT DIABLO BASE AND MERIDIAN.

EXCEPTING FROM PARCEL THREE:

1. AS TO THE NORTHWEST ¼ OF SECTION 7:

(A) THAT PARCEL OF LAND "FOR ROAD PURPOSES" GRANTED IN THE DEED TO BOARD OF SUPERVISORS OF CONTRA COSTA COUNTY, RECORDED DECEMBER 8, 1875, IN BOOK 29 OF DEEDS, PAGE 304.

(B) THAT PARCEL OF LAND DESCRIBED IN THE DEED TO M.W. BELSHAW, ET AL, RECORDED MAY 5, 1877 IN BOOK 32 OF DEEDS, PAGE 460.

2. AS TO THE SOUTHWEST ¼ OF SECTION 7, TOWNSHIP NORTH, RANGE 2 EAST, RIGHTS RESERVED BY THE UNITED STATES OF AMERICA IN THE PATENT RECORDED FEBRUARY 13, 1871, IN BOOK 1 OF PATENTS, PAGE 237, CONTRA COSTA COUNTY RECORDS, AS FOLLOWS:

"EXCLUDING AND EXCEPTING FROM THE TRANSFER BY THESE PRESENTS, ALL MINERAL LANDS SHOULD ANY SUCH BE FOUND TO EXIST IN THE TRACTS DESCRIBED IN THE FOREGOING, BUT THIS EXCEPTION AND EXCLUSION ACCORDING TO THE TERMS OF THE STATUTE SHALL NOT BE CONSTRUCTED TO INCLUDE IRON LAND."

EXCEPTING FROM PARCELS TWO AND THREE ABOVE:

AS TO THE NORTH ½ OF SECTION 7, TOWNSHIP NORTH, RANGE 2 EAST, RIGHTS RESERVED BY THE UNITED STATES OF AMERICA IN THE PATENT RECORDED APRIL 6, 1874, IN BOOK 2 OF PATENTS, PAGE 50, CONTRA COSTA COUNTY RECORDS, AS FOLLOWS:

"AN UNDIVIDED ONE-HALF INTEREST IN AND TO ALL OIL, GAS, CASINGHEAD GASOLINE AND OTHER HYDROCARBONS AND MINERAL SUBSTANCES BELOW A POINT 500 FEET BELOW THE SURFACE OF SAID LAND, TOGETHER WITH THE RIGHT TO TAKE, REMOVE, MINE, PASS THROUGH AND DISPOSE OF OIL, GAS, CASINGHEAD GASOLINE AND OTHER HYDROCARBONS AND MINERAL SUBSTANCES, BUT WITHOUT ANY RIGHT EXCEPT AS IS HEREINAFTER RESERVED TO ENTER UPON THE SURFACE OF SAID LAND OR UPON ANY PART OF SAID LAND WITHIN THE UPPER 500 FEET OF THE SUBSURFACE OF SAID LAND."

PARCEL FOUR:

THE SOUTH ½ OF LOTS 1 AND 2 OF THE SOUTHWEST ¼ OF SECTION 7, TOWNSHIP 1 NORTH, RANGE 2 EAST, MOUNT DIABLO BASE AND MERIDIAN.

EXCEPTING FROM PARCEL FOUR:

1. THAT CERTAIN INTEREST CONVEYED TO ROSE G. GOLDKIND, A MARRIED WOMAN, AS HER SEPARATE PROPERTY, BY DEED RECORDED JULY 9, 1973 IN BOOK 6990, PAGE 627 OF OFFICIAL RECORDS, AS FOLLOWS:

AN UNDIVIDED TWENTY-FIVE PERCENT (25%) SHARE AND INTEREST IN AND TO ALL OIL, GAS, CASINGHEAD GAS, ASPHALTUM AND OTHER HYDROCARBONS AND ALL CHEMICAL GAS NOW OR HEREAFTER FOUND, SITUATED OR LOCATED IN ALL OR ANY PORTION OF THE LANDS HEREIN DESCRIBED LYING MORE THAN FIVE HUNDRED (500) FEET BELOW THE SURFACE THEREOF, TOGETHER WITH THE RIGHT TO SLANT DRILL FOR AND REMOVE ALL OR ANY OF SAID OIL, GAS, CASINGHEAD GAS, ASPHALTUM AND OTHER HYDROCARBONS OR CHEMICAL GAS LYING BELOW A DEPTH OF MORE THAN FIVE HUNDRED (500) FEET BELOW THE SURFACE THEREOF, INCLUDING THE RIGHT TO GRANT LEASES FOR ALL OR ANY OF SAID PURPOSES THEREOF, BUT WITHOUT ANY RIGHT WHATSOEVER TO ENTER UPON THE SURFACE OF SAID LANDS OR UPON ANY PORTION THEREOF WITHIN FIVE HUNDRED (500) FEET VERTICAL DISTANCE BELOW THE SURFACE THEREOF.

2. 51% OF THE MINERALS AND RIGHTS OF INGRESS AND EGRESS THERETO, AS RESERVED BY SUE LACHMAN IN THE DEED, RECORDED JANUARY 7, 1944, IN BOOK 764 OF OFFICIAL RECORDS, PAGE 395.

PARCEL FIVE:

THE SOUTHEAST ¼ OF SECTION 7, TOWNSHIP 1 NORTH, RANGE 2 EAST, MOUNT DIABLO BASE AND MERIDIAN.

EXCEPTING FROM PARCEL FIVE:

1. THAT CERTAIN INTEREST CONVEYED TO ROSE G. GOLDKIND, A MARRIED WOMAN, AS HER SEPARATE PROPERTY, BY DEED RECORDED JULY 9, 1973 IN BOOK 6990, PAGE 627 OF OFFICIAL RECORDS, AS FOLLOWS:

AN UNDIVIDED TWENTY-FIVE PERCENT (25%) SHARE AND INTEREST IN AND TO ALL OIL, GAS, CASINGHEAD GAS, ASPHALTUM AND OTHER HYDROCARBONS AND ALL CHEMICAL GAS

NOW OR HEREAFTER FOUND, SITUATED OR LOCATED IN ALL OR ANY PORTION OF THE LANDS HEREIN DESCRIBED LYING MORE THAN FIVE HUNDRED (500) FEET BELOW THE SURFACE THEREOF, TOGETHER WITH THE RIGHT TO SLANT DRILL FOR AND REMOVE ALL OR ANY OF SAID OIL, GAS, CASINGHEAD GAS, ASPHALTUM AND OTHER HYDROCARBONS OR CHEMICAL GAS LYING BELOW A DEPTH OF MORE THAN FIVE HUNDRED (500) FEET BELOW THE SURFACE THEREOF, INCLUDING THE RIGHT TO GRANT LEASES FOR ALL OR ANY OF SAID PURPOSES THEREOF, BUT WITHOUT ANY RIGHT WHATSOEVER TO ENTER UPON THE SURFACE OF SAID LANDS OR UPON ANY PORTION THEREOF WITHIN FIVE HUNDRED (500) FEET VERTICAL DISTANCE BELOW THE SURFACE THEREOF.

2. THAT PARCEL OF LAND DESCRIBED IN THE DEED FROM PETER BIRMINGHAM TO SAMUEL B. REED, DATED NOVEMBER 12, 1873, RECORDED MARCH 5, 1874, IN BOOK 26 OF DEEDS, PAGE 165, AS FOLLOWS;

"COMMENCING AT THE NORTHWEST CORNER OF THE SOUTHEAST QUARTER OF SECTION 7 OF TOWNSHIP 1 NORTH, RANGE 2 EAST, MOUNT DIABLO BASE AND MERIDIAN, IN THE SAID COUNTY OF CONTRA COSTA, AND RUNNING THENCE IN A DIRECT LINE SOUTH TO THE SOUTHWEST CORNER OF SAID QUARTER SECTION; THENCE EAST SIXTEEN AND A HALF FEET AND THENCE NORTH TWO THOUSAND SIX HUNDRED AND FORTY FEET, THENCE WEST SIXTEEN AND A HALF FEET TO THE PLACE OF BEGINNING".

3. THAT PARCEL OF LAND DESCRIBED IN THE DEED FROM ROBERT HARROWER TO N. H. JACOBS, DATED DECEMBER 12, 1893, RECORDED DECEMBER 13, 1893, IN BOOK 68 OF DEEDS, PAGE 152, AS FOLLOWS:

"A STRIP OF LAND OFF THE SOUTH SIDE OF THE SOUTHEAST QUARTER OF SECTION NO. SEVEN (7) TOWNSHIP 1 NORTH, RANGE NO. (2) EAST, MOUNT DIABLO BASE AND MERIDIAN, THIRTY-SIX FEET IN WIDTH ON THE EAST SIDE AND SIXTEEN FEET IN WIDTH ON THE WEST SIDE OF SAID TRACT HEREBY CONVEYED".

PARCEL SIX:

PORTION OF THE SOUTHEAST ¼ OF SECTION 7, TOWNSHIP 1 NORTH, RANGE 2 EAST, MOUNT DIABLO BASE AND MERIDIAN, DESCRIBED AS FOLLOWS:

BEGINNING AT THE CENTER OF SAID SECTION 7; THENCE FROM SAID POINT OF BEGINNING SOUTH ALONG THE LINE BETWEEN THE SOUTHEAST AND SOUTHWEST QUARTERS OF SAID SECTION 7, TO THE LINE BETWEEN SECTIONS 7 AND 18; THENCE EAST ALONG SAID LINE 16 FEET 6 INCHES; THENCE NORTH TO THE LINE BETWEEN THE NORTHEAST AND SOUTHEAST QUARTERS OF SAID SECTION 7; THENCE WEST 16 FEET 6 INCHES TO THE POINT OF BEGINNING.

EXCEPTING FROM PARCEL SIX:

1. THAT CERTAIN INTEREST CONVEYED TO ROSE G. GOLDKIND, A MARRIED WOMAN, AS HER SEPARATE PROPERTY, BY DEED RECORDED JULY 9, 1973 IN BOOK 6990, PAGE 627 OF OFFICIAL RECORDS, AS FOLLOWS:

AN UNDIVIDED TWENTY-FIVE PERCENT (25%) SHARE AND INTEREST IN AND TO ALL OIL, GAS, CASINGHEAD GAS, ASPHALTUM AND OTHER HYDROCARBONS AND ALL CHEMICAL GAS NOW OR HEREAFTER FOUND, SITUATED OR LOCATED IN ALL OR ANY PORTION OF THE LANDS HEREIN DESCRIBED LYING MORE THAN FIVE HUNDRED (500) FEET BELOW THE SURFACE THEREOF, TOGETHER WITH THE RIGHT TO SLANT DRILL FOR AND REMOVE ALL OR ANY OF SAID OIL, GAS, CASINGHEAD GAS, ASPHALTUM AND OTHER HYDROCARBONS OR CHEMICAL

GAS LYING BELOW A DEPTH OF MORE THAN FIVE HUNDRED (500) FEET BELOW THE SURFACE THEREOF, INCLUDING THE RIGHT TO GRANT LEASES FOR ALL OR ANY OF SAID PURPOSES THEREOF, BUT WITHOUT ANY RIGHT WHATSOEVER TO ENTER UPON THE SURFACE OF SAID LANDS OR UPON ANY PORTION THEREOF WITHIN FIVE HUNDRED (500) FEET VERTICAL DISTANCE BELOW THE SURFACE THEREOF.

PARCEL SEVEN:

THE NORTHEAST ¼ OF SECTION 18, TOWNSHIP 1 NORTH, RANGE 2 EAST, MOUNT DIABLO BASE AND MERIDIAN.

EXCEPTING FROM PARCEL SEVEN:

THAT CERTAIN INTEREST CONVEYED TO ROSE G. GOLDKIND, A MARRIED WOMAN, AS HER SEPARATE PROPERTY, BY DEED RECORDED JULY 9, 1973 IN BOOK 6990, PAGE 627 OF OFFICIAL RECORDS, AS FOLLOWS:

AN UNDIVIDED TWENTY-FIVE PERCENT (25%) SHARE AND INTEREST IN AND TO ALL OIL, GAS, CASINGHEAD GAS, ASPHALTUM AND OTHER HYDROCARBONS AND ALL CHEMICAL GAS NOW OR HEREAFTER FOUND, SITUATED OR LOCATED IN ALL OR ANY PORTION OF THE LANDS HEREIN DESCRIBED LYING MORE THAN FIVE HUNDRED (500) FEET BELOW THE SURFACE THEREOF, TOGETHER WITH THE RIGHT TO SLANT DRILL FOR AND REMOVE ALL OR ANY OF SAID OIL, GAS, CASINGHEAD GAS, ASPHALTUM AND OTHER HYDROCARBONS OR CHEMICAL GAS LYING BELOW A DEPTH OF MORE THAN FIVE HUNDRED (500) FEET BELOW THE SURFACE THEREOF, INCLUDING THE RIGHT TO GRANT LEASES FOR ALL OR ANY OF SAID PURPOSES THEREOF, BUT WITHOUT ANY RIGHT WHATSOEVER TO ENTER UPON THE SURFACE OF SAID LANDS OR UPON ANY PORTION THEREOF WITHIN FIVE HUNDRED (500) FEET VERTICAL DISTANCE BELOW THE SURFACE THEREOF.

PARCEL EIGHT:

ALL THAT PORTION OF THE NORTHWEST ¼ OF SECTION 18, TOWNSHIP 1 NORTH, RANGE 2 EAST, MOUNT DIABLO BASE AND MERIDIAN, LYING NORTHEAST OF THE NORTHEAST LINE OF THE COUNTY ROAD KNOWN AS EMPIRE MINE ROAD.

EXCEPTING FROM PARCEL EIGHT:

THAT CERTAIN INTEREST CONVEYED TO ROSE G. GOLDKIND, A MARRIED WOMAN, AS HER SEPARATE PROPERTY, BY DEED RECORDED JULY 9, 1973 IN BOOK 6990, PAGE 627 OF OFFICIAL RECORDS, AS FOLLOWS:

AN UNDIVIDED TWENTY-FIVE PERCENT (25%) SHARE AND INTEREST IN AND TO ALL OIL, GAS, CASINGHEAD GAS, ASPHALTUM AND OTHER HYDROCARBONS AND ALL CHEMICAL GAS NOW OR HEREAFTER FOUND, SITUATED OR LOCATED IN ALL OR ANY PORTION OF THE LANDS HEREIN DESCRIBED LYING MORE THAN FIVE HUNDRED (500) FEET BELOW THE SURFACE THEREOF, TOGETHER WITH THE RIGHT TO SLANT DRILL FOR AND REMOVE ALL OR ANY OF SAID OIL, GAS, CASINGHEAD GAS, ASPHALTUM AND OTHER HYDROCARBONS OR CHEMICAL GAS LYING BELOW A DEPTH OF MORE THAN FIVE HUNDRED (500) FEET BELOW THE SURFACE THEREOF, INCLUDING THE RIGHT TO GRANT LEASES FOR ALL OR ANY OF SAID PURPOSES THEREOF, BUT WITHOUT ANY RIGHT WHATSOEVER TO ENTER UPON THE SURFACE OF SAID LANDS OR UPON ANY PORTION THEREOF WITHIN FIVE HUNDRED (500) FEET VERTICAL DISTANCE BELOW THE SURFACE THEREOF.

APN: 057-010-001, Affects Parcel Four
057-010-002, Affects Parcel Three
057-010-003, Affects Parcel Two
057-010-004, Affects Parcels Five and Six
057-021-003, Affects Parcel One
057-060-006, Affects Parcels Seven and Eight

NOTICE

Section 12413.1 of the California Insurance Code, effective January 1, 1990, requires that any title insurance company, underwritten title company, or controlled escrow company handling funds in an escrow or sub-escrow capacity, wait a specified number of days after depositing funds, before recording any documents in connection with the transaction or disbursing funds. This statute allows for funds deposited by wire transfer to be disbursed the same day as deposit. In the case of cashier's checks or certified checks, funds may be disbursed the next day after deposit. In order to avoid unnecessary delays of three to seven days, or more, please use wire transfer, cashier's checks, or certified checks whenever possible.

If you have any questions about the effect of this new law, please contact your local First American Office for more details.

EXHIBIT A
LIST OF PRINTED EXCEPTIONS AND EXCLUSIONS (BY POLICY TYPE)

1. CALIFORNIA LAND TITLE ASSOCIATION STANDARD COVERAGE POLICY - 1990
SCHEDULE B

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records. Proceedings by a public agency which may result in taxes or assessments, or notice of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the public records.

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
   (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
   (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
   (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
   (c) resulting in no loss or damage to the insured claimant;
   (d) attaching or created subsequent to Date of Policy; or
   (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with applicable "doing business" laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by their policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

2. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY FORM B - 1970
SCHEDULE OF EXCLUSIONS FROM COVERAGE

1. Any law, ordinance or governmental regulation (including but not limited to building and zoning ordinances) restricting or regulating or prohibiting the occupancy, use or enjoyment of the land, or regulating the character, dimensions or location of any improvement now or hereafter erected on the land, or prohibiting a separation in ownership or a reduction in the dimensions of area of the land, or the effect of any violation of any such law, ordinance or governmental regulation.
2. Rights of eminent domain or governmental rights of police power unless notice of the exercise of such rights appears in the public records at Date of Policy.
3. Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed or agreed to by the insured claimant; (b) not known to the Company and not shown by the public records but known to the insured claimant either at Date of Policy or at the date such claimant acquired an estate or interest insured by this policy and not disclosed in writing by the insured claimant to the Company prior to the date such insured claimant became an insured hereunder; (c) resulting in no loss or damage to the insured claimant; (d) attaching or

created subsequent to Date of Policy; or (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.

3. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY FORM B - 1970 WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 2 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage by reason of the matters shown in parts one and two following:
Part One

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material heretofore or hereafter furnished, imposed by law and not shown by the public records.

4. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1970 WITH A.L.T.A. ENDORSEMENT FORM 1 COVERAGE SCHEDULE OF EXCLUSIONS FROM COVERAGE

1. Any law, ordinance or governmental regulation (including but not limited to building and zoning ordinances) restricting or regulating or prohibiting the occupancy, use or enjoyment of the land, or regulating the character, dimensions or location of any improvement now or hereafter erected on the land, or prohibiting a separation in ownership or a reduction in the dimensions or area of the land, or the effect of any violation of any such law ordinance or governmental regulation.
2. Rights of eminent domain or governmental rights of police power unless notice of the exercise of such rights appears in the public records at Date of Policy.
3. Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed or agreed to by the insured claimant, (b) not known to the Company and not shown by the public records but known to the insured claimant either at Date of Policy or at the date such claimant acquired an estate or interest insured by this policy or acquired the insured mortgage and not disclosed in writing by the insured claimant to the Company prior to the date such insured claimant became an insured hereunder, (c) resulting in no loss or damage to the insured claimant; (d) attaching or created subsequent to Date of Policy (except to the extent insurance is afforded herein as to any statutory lien for labor or material or to the extent insurance is afforded herein as to assessments for street improvements under construction or completed at Date of Policy).
4. Unenforceability of the lien of the insured mortgage because of failure of the insured at Date of Policy or of any subsequent owner of the indebtedness to comply with applicable "doing business" laws of the state in which the land is situated.

5. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1970 WITH REGIONAL EXCEPTIONS

When the American Land Title Association Lenders Policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy, the exclusions set forth in paragraph 4 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage by reason of the matters shown in parts one and two following:
Part One

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

6. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1992
WITH A.L.T.A. ENDORSEMENT FORM 1 COVERAGE
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy;
   (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:
   (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
   (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
   (c) resulting in no loss or damage to the insured claimant;
   (d) attaching or created subsequent to Date of Policy (except to the extent that this policy insures the priority of the lien of the insured mortgage over any statutory lien for services, labor or material or the extent insurance is afforded herein as to assessments for street improvements under construction or completed at date of policy); or
   (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable "doing business" laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any statutory lien for services, labor or materials (or the claim of priority of any statutory lien for services, labor or materials over the lien of the insured mortgage) arising from an improvement or work related to the land which is contracted for and commenced subsequent to Date of Policy and is not financed in whole or in part by proceeds of the indebtedness secured by the insured mortgage which at Date of Policy the insured has advanced or is obligated to advance.
7. Any claim, which arises out of the transaction creating the interest of the mortgagee insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
   (i) the transaction creating the interest of the insured mortgagee being deemed a fraudulent conveyance or fraudulent transfer; or
   (ii) the subordination of the interest of the insured mortgagee as a result of the application of the doctrine of equitable subordination; or
   (iii) the transaction creating the interest of the insured mortgagee being deemed a preferential transfer except where the preferential transfer results from the failure:
   (a) to timely record the instrument of transfer; or
   (b) of such recordation to impart notice to a purchaser for value or a judgment or lien creditor.

7. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1992
WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 6 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

8. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 1992

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
   (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:
   (a) created, suffered, assumed or agreed to by the insured claimant;
   (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
   (c) resulting in no loss or damage to the insured claimant;
   (d) attaching or created subsequent to Date of Policy; or
   (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.
4. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
   (i) the transaction creating the estate or interest insured by this policy being deemed a fraudulent conveyance or fraudulent transfer; or
   (ii) the transaction creating the estate or interest insured by this policy being deemed a preferential transfer except where the preferential transfer results from the failure:
   (a) to timely record the instrument of transfer; or
   (b) of such recordation to impart notice to a purchaser for value or a judgment or lien creditor.

9. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 1992
WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 8 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:
Part One:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

10. AMERICAN LAND TITLE ASSOCIATION RESIDENTIAL
TITLE INSURANCE POLICY - 1987
EXCLUSIONS

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes building and zoning ordinances and also laws and regulations concerning:
   * land use
   * land division
   * improvements on the land
   * environmental protection

   This exclusion does not apply to violations or the enforcement of these matters which appear in the public records at Policy Date.
   This exclusion does not limit the zoning coverage described in items 12 and 13 of Covered Title Risks.

2. The right to take the land by condemning it, unless:
   * a notice of exercising the right appears in the public records on the Policy Date
   * the taking happened prior to the Policy Date and is binding on you if you bought the land without knowing of the taking.
3. Title Risks:
   * that are created, allowed, or agreed to by you
   * that are known to you, but not to us, on the Policy Date - unless they appeared in the public records
   * that result in no loss to you
   * that first affect your title after the Policy Date - this does not limit the labor and material lien coverage in Item 8 of Covered Title Risks
4. Failure to pay value for your title.
5. Lack of a right:
   * to any land outside the area specifically described and referred to in Item 3 of Schedule A, or
   * in streets, alleys, or waterways that touch your land

   This exclusion does not limit the access coverage in Item 5 of Covered Title Risks.

11. EAGLE PROTECTION OWNER'S POLICY

CLTA HOMEOWNER'S POLICY OF TITLE INSURANCE - 1998
ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE - 1998

Covered Risks 14 (Subdivision Law Violation). 15 (Building Permit). 16 (Zoning) and 18 (Encroachment of boundary walls or fences) are subject to Deductible Amounts and Maximum Dollar Limits of Liability

EXCLUSIONS

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes ordinances, laws and regulations concerning:
   a. building
   b. zoning
   c. land use
   d. improvements on the land
   e. land division
   f. environmental protection

   This exclusion does not apply to violations or the enforcement of these matters if notice of the violation or enforcement appears in the Public Records at the Policy Date.
   This exclusion does not limit the coverage described in Covered Risk 14, 15, 16, 17 or 24.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not apply to violations of building codes if notice of the violation appears in the Public Records at the Policy Date.
3. The right to take the Land by condemning it, unless:
   a. a notice of exercising the right appears in the Public Records at the Policy Date; or
   b. the taking happened before the Policy Date and is binding on You if You bought the Land without Knowing of the taking.
4. Risks:
   a. that are created, allowed, or agreed to by You, whether or not they appear in the Public Records;
   b. that are Known to You at the Policy Date, but not to Us, unless they appear in the Public Records at the Policy Date;
   c. that result in no loss to You; or
   d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.d, 22, 23, 24 or 25.
5. Failure to pay value for Your Title.
6. Lack of a right:
   a. to any Land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
   b. in streets, alleys, or waterways that touch the Land.

   This exclusion does not limit the coverage described in Covered Risk 11 or 18.

12. SECOND GENERATION EAGLE LOAN POLICY AMERICAN LAND TITLE ASSOCIATION EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (10/13/01)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the Land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the Land; (iii) a separation in ownership or a change in the dimensions or area of the Land or any parcel of which the Land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the Land has been recorded in the Public Records at Date of Policy. This exclusion does not limit the coverage provided under Covered Risks 12, 13, 14 and 16 of this policy.
   (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the Public Records at Date of Policy. This exclusion does not limit the coverage provided under Covered Risks 12, 13, 14 and 16 of this policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the Public Records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without Knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
   (a) created, suffered, assumed or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   (c) resulting in no loss or damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (this paragraph does not limit the coverage provided under Covered Risks 8, 16, 18, 19, 20, 21, 22, 23, 24, 25 and 26); or
   (e) resulting in loss or damage which would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of the Insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with applicable doing business laws of the state in which the Land is situated.
5. Invalidity or unenforceability of the lien of the Insured Mortgage, or claim thereof, which arises out of the transaction evidenced by the Insured Mortgage and is based upon usury, except as provided in Covered Risk 27, or any consumer credit protection or truth in lending law.
6. Real property taxes or assessments of any governmental authority which become a lien on the Land subsequent to Date of Policy. This exclusion does not limit the coverage provided under Covered Risks 7, 8 (e) and 26.
7. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This exclusion does not limit the coverage provided in Covered Risk 8.
8. Lack of priority of the lien of the Insured Mortgage as to each and every advance made after Date of Policy, and all interest charged thereon, over liens, encumbrances and other matters affecting title, the existence of which are Known to the Insured at:
   (a) The time of the advance; or
   (b) The time a modification is made to the terms of the Insured Mortgage which changes the rate of interest charged, if the rate of interest is greater as a result of the modification than it would have been before the modification**.**
   This exclusion does not limit the coverage provided in Covered Risk 8.
9. The failure of the residential structure, or any portion thereof to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This exclusion does not apply to violations of building codes if notice of the violation appears in the Public Records at Date of Policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. The following existing statutes, reference to which are made part of the ALTA 8.1 Environmental Protection Lien Endorsement incorporated into this Policy following item 28 of Covered Risks: NONE.

13. SECOND GENERATION EAGLE LOAN POLICY AMERICAN LAND TITLE ASSOCIATION EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (10/13/01)
WITH REGIONAL EXCEPTIONS

When the American Land Title Association loan policy with EAGLE Protection Added is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 12 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:
Part One:
1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

Part Two:

1. The following existing statutes, reference to which are made part of the ALTA 8.1 Environmental Protection Lien Endorsement incorporated into this Policy following item 28 of Covered Risks: None.

PRIVACY POLICY

We Are Committed to Safeguarding Customer Information

In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information – particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, together with our parent company, The First American Corporation, we have adopted this Privacy Policy to govern the use and handling of your personal information.

Applicability

This Privacy Policy governs our use of the information which you provide to us. It does not govern the manner in which we may use information we have obtained from any other source, such as information obtained from a public record or from another person or entity. First American has also adopted broader guidelines that govern our use of personal information regardless of its source. First American calls these guidelines its *Fair Information Values*, a copy of which can be found on our website at www.firstam.com.

Types of Information

Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:

- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any other means;
- Information about your transactions with us, our affiliated companies, or others; and
- Information we receive from a consumer reporting agency.

Use of Information

We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested of us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We may also provide all of the types of nonpublic personal information listed above to one or more of our affiliated companies. Such affiliated companies include financial service providers, such as title insurers, property and casualty insurers, and trust and investment advisory companies, or companies involved in real estate services, such as appraisal companies, home warranty companies, and escrow companies. Furthermore, we may also provide all the information we collect, as described above, to companies that perform marketing services on our behalf, on behalf of our affiliated companies, or to other financial institutions with whom we or our affiliated companies have joint marketing agreements.

Former Customers

Even if you are no longer our customer, our Privacy Policy will continue to apply to you.

Confidentiality and Security

We will use our best efforts to ensure that no unauthorized parties have access to any of your information. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We will use our best efforts to train and oversee our employees and agents to ensure that your information will be handled responsibly and in accordance with this Privacy Policy and First American's *Fair Information Values*. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

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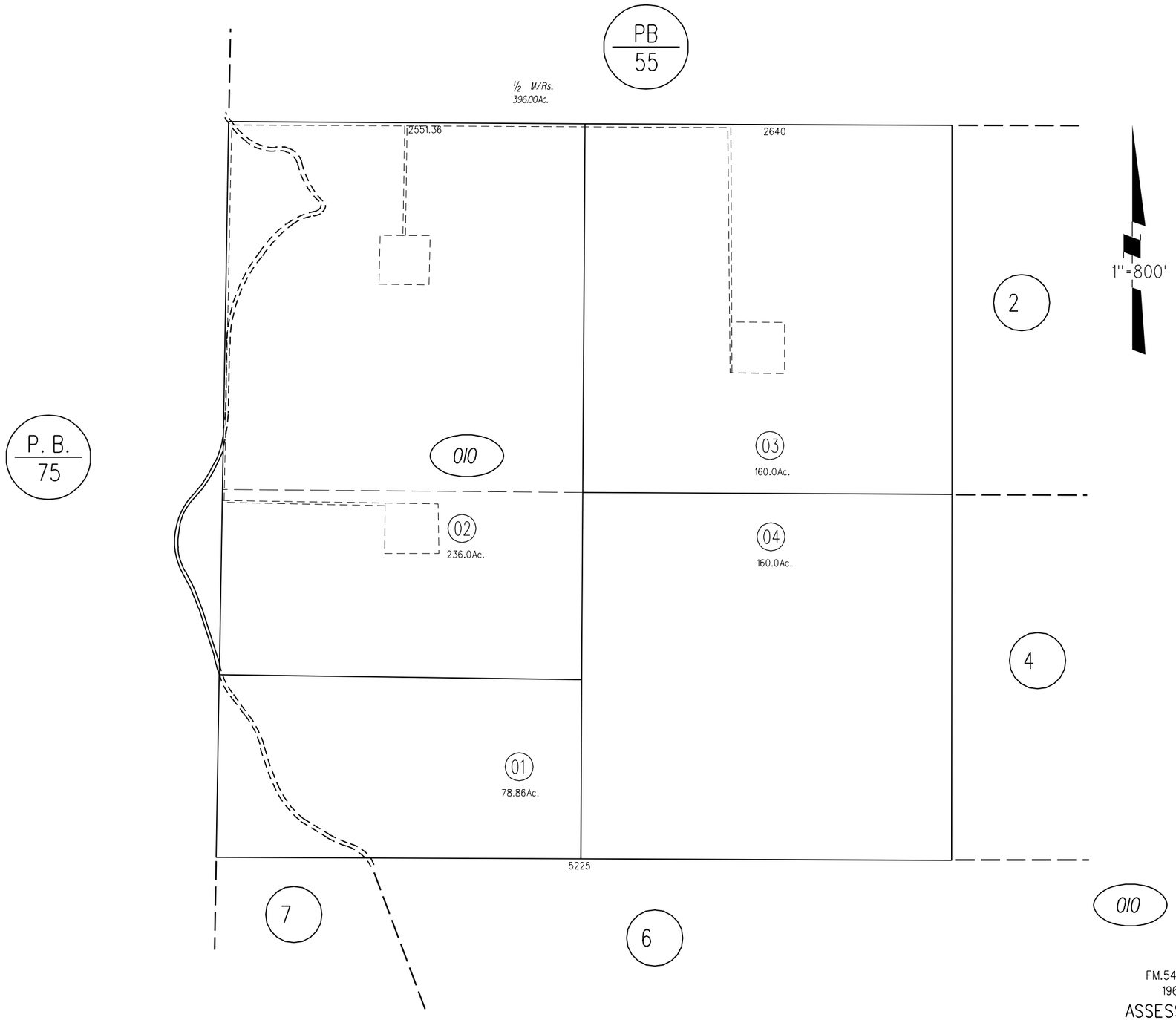
SEC. 7 T1N R2E M.D.B.&M.

TAX CODE AREA



FM.54-10 9-9-94
1960 ROLL

ASSESSOR'S MAP

BOOK 57 PAGE 1

CONTRA COSTA COUNTY,CALIF.

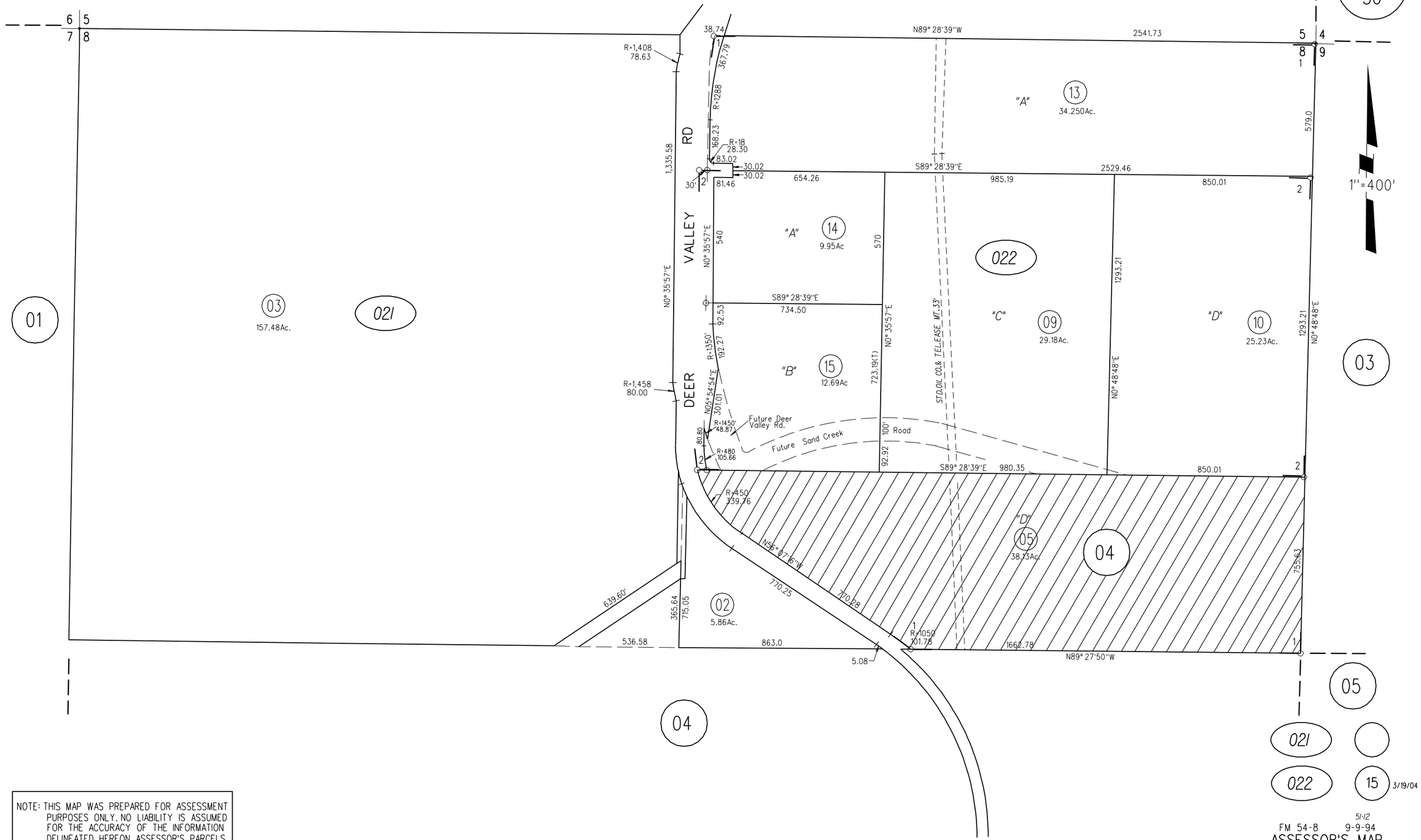
N½SEC. 8 T.1N. R.2E. M.D.B.M.

1- 139PM30 5-2-89

2- 180PM17 1-30-01

PB 55

PB 56



NOTE: THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSES ONLY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE INFORMATION DELINEATED HEREON. ASSESSOR'S PARCELS MAY NOT COMPLY WITH LOCAL LOT SPLIT OR BUILDING SITE ORDINANCES.

021 | 022 | 15 3/19/04

5I-12

FM 54-8 9-9-94

ASSESSOR'S MAP

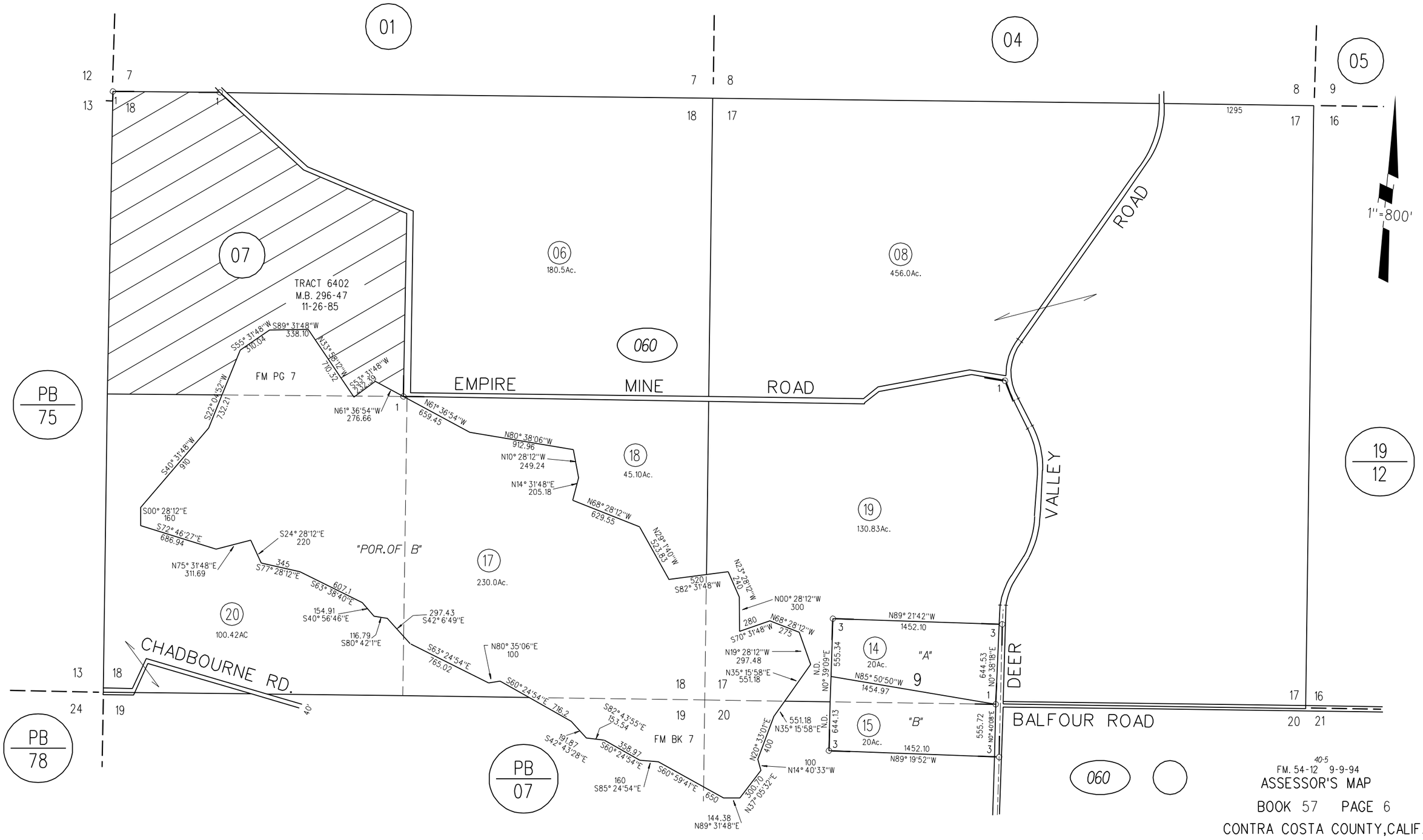
BOOK 57 PAGE 2

CONTRA COSTA COUNTY, CALIF.

SEC. 17&18 T.1N. R.2E. M.D.B.M.

1- POR. OF 79P.M.18 THRU 22 7-26-79

2- 163P.M.19 10-11-93



40-5
FM. 54-12 9-9-94

ASSESSOR'S MAP

BOOK 57 PAGE 6

CONTRA COSTA COUNTY, CALIF.

APPENDIX C

Analytical Reports

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Richard Gandolfo
Engeo, Inc - Tracy
2880 N. Tracy Blvd. Suite 3
Tracy, CA 95326

Lab Certificate Number: 48879
Issued: 04/14/2006

Project Number: 4371405101
Project Name: Sand Creek Ranch
Project Location: Antioch, CA 94531

Certificate of Analysis - Final Report

Note: Subcontract results are to follow.

On April 07, 2006, samples were received under chain of custody for analysis.
Entech analyzes samples "as received" unless otherwise noted. The following results are included:

Matrix	Test	Comments
Liquid	pH by EPA 150.1	
	Total Kjeldahl Nitrogen by EPA 351.4	
	Nitrate + Nitrite by EPA 353.3	
	TPH-Extractable	
	Volatile-GC	
Solid	TPH-Extractable	
	Volatile-GC	
	pH	

Entech Analytical Labs, Inc. is certified for environmental analyses by the State of California (#2346).
If you have any questions regarding this report, please call us at 408-588-0200 ext. 225.

Sincerely,

Erin Cunniffe
Operations Manager

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Engeo, Inc - Tracy
2880 N. Tracy Blvd. Suite 3
Tracy, CA 95326
Attn: Richard Gandolfo

Project Number: 4371405101
Project Name: Sand Creek Ranch
Project Location: Antioch, CA 94531

Certificate of Analysis - Data Report

Samples Received: 04/07/2006
Sample Collected by: Client

Lab # : 48879-001 **Sample ID: Deer Creek Rd. (Well #1)** **Matrix:** Liquid **Sample Date:** 4/5/2006

EPA 150.1 **pH**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
pH	7.8		1.0	1.0	pH Units	N/A	N/A	4/7/2006	WPH060407

Analyzed by: Jisiderio
Reviewed by: dqueja

EPA 351.4 **TKN**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TKN	0.17		1.0	0.10	mg/L	4/10/2006	WTKN060410	4/11/2006	WTKN060410

Analyzed by: Hdinh
Reviewed by: dqueja

EPA 353.3 **Nitrate + Nitrite as N**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Nitrate+Nitrite as N	0.59		4.0	0.40	mg/L	N/A	N/A	4/12/2006	WNO3060412

Analyzed by: Jisiderio
Reviewed by: dqueja

EPA 3510C EPA 8015 MOD. (Extractable) **TPH-Extractable**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	50	µg/L	4/9/2006	WD060409B	4/11/2006	WD060409B
TPH as Motor Oil	ND		1.0	200	µg/L	4/9/2006	WD060409B	4/11/2006	WD060409B

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	82.1	22 - 133

Analyzed by: JHsiang
Reviewed by: ECunniffe

EPA 5030C EPA 8015 MOD. (Purgeable) **TPH as Gasoline**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	50	µg/L	N/A	N/A	4/10/2006	WGC060410

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	86.5	65 - 135

Analyzed by: mruan
Reviewed by: MaiChiTu

EPA 8020 **BTEX**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	4/10/2006	WGC060410
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	4/10/2006	WGC060410
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	4/10/2006	WGC060410
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	4/10/2006	WGC060410

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	103	65 - 135

Analyzed by: mruan
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Engeo, Inc - Tracy
2880 N. Tracy Blvd. Suite 3
Tracy, CA 95326
Attn: Richard Gandolfo

Project Number: 4371405101
Project Name: Sand Creek Ranch
Project Location: Antioch, CA 94531

Certificate of Analysis - Data Report

Samples Received: 04/07/2006
Sample Collected by: Client

Lab # : 48879-002 **Sample ID: Deer Creek Rd. UST-S-4.5 Ft** **Matrix:** Solid **Sample Date:** 4/5/2006

EPA 3545 EPA 8015 MOD. (Extractable) **TPH-Extractable**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	4/9/2006	SD060409A	4/10/2006	SD060409A
TPH as Motor Oil	ND		1.0	10	mg/Kg	4/9/2006	SD060409A	4/10/2006	SD060409A

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	65.9	41 - 137

Analyzed by: JHsiang
Reviewed by: dba

EPA 8015 MOD. (Purgeable) **TPH as Gasoline**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	0.50	mg/Kg	N/A	N/A	4/11/2006	SGC060410

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	89.1	65 - 135

Analyzed by: mruan
Reviewed by: dba

EPA 8020 **BTEX**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	4/11/2006	SGC060410
Toluene	ND		1.0	0.010	mg/Kg	N/A	N/A	4/11/2006	SGC060410
Ethyl Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	4/11/2006	SGC060410
Xylenes, Total	ND		1.0	0.010	mg/Kg	N/A	N/A	4/11/2006	SGC060410

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	104	65 - 135

Analyzed by: mruan
Reviewed by: dba

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Engeo, Inc - Tracy
2880 N. Tracy Blvd. Suite 3
Tracy, CA 95326
Attn: Richard Gandolfo

Project Number: 4371405101
Project Name: Sand Creek Ranch
Project Location: Antioch, CA 94531

Certificate of Analysis - Data Report

Samples Received: 04/07/2006
Sample Collected by: Client

Lab # : 48879-003 **Sample ID: UST-S-5.5 Ft** **Matrix:** Solid **Sample Date:** 4/5/2006

EPA 3545 EPA 8015 MOD. (Extractable) **TPH-Extractable**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	4/9/2006	SD060409A	4/10/2006	SD060409A
TPH as Motor Oil	ND		1.0	10	mg/Kg	4/9/2006	SD060409A	4/10/2006	SD060409A

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	71.6	41 - 137

Analyzed by: JHsiang
Reviewed by: dba

EPA 8015 MOD. (Purgeable) **TPH as Gasoline**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	0.50	mg/Kg	N/A	N/A	4/11/2006	SGC060410

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	88.2	65 - 135

Analyzed by: mruan
Reviewed by: dba

EPA 8020 **BTEX**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	4/11/2006	SGC060410
Toluene	ND		1.0	0.010	mg/Kg	N/A	N/A	4/11/2006	SGC060410
Ethyl Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	4/11/2006	SGC060410
Xylenes, Total	ND		1.0	0.010	mg/Kg	N/A	N/A	4/11/2006	SGC060410

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	104	65 - 135

Analyzed by: mruan
Reviewed by: dba

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Engeo, Inc - Tracy
2880 N. Tracy Blvd. Suite 3
Tracy, CA 95326
Attn: Richard Gandolfo

Project Number: 4371405101
Project Name: Sand Creek Ranch
Project Location: Antioch, CA 94531

Certificate of Analysis - Data Report

Samples Received: 04/07/2006
Sample Collected by: Client

Lab # : 48879-004 **Sample ID: AST #1** **Matrix:** Solid **Sample Date:** 4/5/2006

EPA 3545 EPA 8015 MOD. (Extractable) **TPH-Extractable**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	49		2.0	5.0	mg/Kg	4/9/2006	SD060409A	4/10/2006	SD060409A
Atypical pattern.									
TPH as Motor Oil	ND		2.0	20	mg/Kg	4/9/2006	SD060409A	4/10/2006	SD060409A

Surrogate	Surrogate Recovery	Control Limits (%)	
o-Terphenyl	77.1	41 -	137

Analyzed by: JHsiang
Reviewed by: dba

EPA 8015 MOD. (Purgeable) **TPH as Gasoline**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	0.50	mg/Kg	N/A	N/A	4/11/2006	SGC060410

Surrogate	Surrogate Recovery	Control Limits (%)	
4-Bromofluorobenzene	86.0	65 -	135

Analyzed by: mruan
Reviewed by: dba

EPA 8020 **BTEX**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	4/11/2006	SGC060410
Toluene	ND		1.0	0.010	mg/Kg	N/A	N/A	4/11/2006	SGC060410
Ethyl Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	4/11/2006	SGC060410
Xylenes, Total	ND		1.0	0.010	mg/Kg	N/A	N/A	4/11/2006	SGC060410

Surrogate	Surrogate Recovery	Control Limits (%)	
4-Bromofluorobenzene	105	65 -	135

Analyzed by: mruan
Reviewed by: dba

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Attn: Richard Gandolfo

Project Number: 4371405101
Project Name: Sand Creek Ranch
Project Location: Antioch, CA 94531

Certificate of Analysis - Data Report

Samples Received: 04/07/2006
Sample Collected by: Client

Lab # : 48879-005 **Sample ID: AST #2** **Matrix:** Solid **Sample Date:** 4/5/2006

EPA 3545 EPA 8015 MOD. (Extractable) **TPH-Extractable**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	2.5	mg/Kg	4/9/2006	SD060409A	4/10/2006	SD060409A
TPH as Motor Oil	34		1.0	10	mg/Kg	4/9/2006	SD060409A	4/10/2006	SD060409A

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	63.3	41 - 137

Analyzed by: JHsiang
Reviewed by: dba

EPA 8015 MOD. (Purgeable) **TPH as Gasoline**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	0.50	mg/Kg	N/A	N/A	4/11/2006	SGC060410

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	85.1	65 - 135

Analyzed by: mruan
Reviewed by: dba

EPA 8020 **BTEX**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	4/11/2006	SGC060410
Toluene	ND		1.0	0.010	mg/Kg	N/A	N/A	4/11/2006	SGC060410
Ethyl Benzene	ND		1.0	0.010	mg/Kg	N/A	N/A	4/11/2006	SGC060410
Xylenes, Total	ND		1.0	0.010	mg/Kg	N/A	N/A	4/11/2006	SGC060410

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	104	65 - 135

Analyzed by: mruan
Reviewed by: dba

Lab # : 48879-006 **Sample ID: Empire Mine Rd. (N) 1 of 14** **Matrix:** Solid **Sample Date:** 4/5/2006

EPA 9045C **pH**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
pH	7.3		1.0	1.0	pH Units	4/10/2006	SPH060410	4/10/2006	SPH060410

Analyzed by: Jisiderio
Reviewed by: dqueja

Lab # : 48879-007 **Sample ID: (N) 2 of 14** **Matrix:** Solid **Sample Date:** 4/5/2006

EPA 9045C **pH**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
pH	7.9		1.0	1.0	pH Units	4/10/2006	SPH060410	4/10/2006	SPH060410

Analyzed by: Jisiderio
Reviewed by: dqueja

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Attn: Richard Gandolfo

Project Number: 4371405101
Project Name: Sand Creek Ranch
Project Location: Antioch, CA 94531

Certificate of Analysis - Data Report

Samples Received: 04/07/2006
Sample Collected by: Client

Lab # : 48879-008 **Sample ID: (N) 3 of 14** **Matrix:** Solid **Sample Date:** 4/5/2006

EPA 9045C **pH**

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
pH	7.8		1.0	1.0	pH Units	4/10/2006	SPH060410	4/10/2006	SPH060410

Analyzed by: Jisiderio
Reviewed by: dqueja

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Replicate - Solid - EPA 9045C - pH
QC/Prep Batch ID: SPH060410
QC/Prep Date: 4/10/2006

Validated by: dqueja - 04/11/06

Parameter		Sample Result	Replicate Result	Units	RPD	QC Type	RPD Limits
pH	48879-008	7.773	7.666	pH Units	**1.4**	Replicate	30.0

Replicate - Liquid - EPA 150.1 - pH
QC Batch ID: WPH060407
QC Batch Analysis Date: 4/7/2006

Validated by: dqueja - 04/11/06

Parameter		Sample Result	Replicate Result	Units	RPD	QC Type	RPD Limits
pH	48879-001	7.751	7.700	pH Units	**0.7**	Replicate	25.0

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Laboratory Control Sample / Duplicate - Liquid - EPA 351.4 - TKN

QC/Prep Batch ID: WTKN060410

Reviewed by: dqueja - 04/12/06

QC/Prep Date: 4/10/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TKN	<0.10	12	12.3	mg/L	100	75 - 125

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TKN	<0.10	12	12.3	mg/L	99.8	**0.33**	25.0	75 - 125

Matrix Spike / Matrix Spike Duplicate - Liquid - EPA 351.4 - TKN

QC/Prep Batch ID: WTKN060410

Reviewed by: dqueja - 04/12/06

QC/Prep Date: 4/10/2006

MS Sample Spiked: 48879-001

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	Recovery Limits
TKN	0.169	5.0	5.17	mg/L	4/10/2006	100	75 - 125

MSD Sample Spiked: 48879-001

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
TKN	0.169	5.0	5.40	mg/L	4/10/2006	105	4.4	25.0	75 - 125

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Laboratory Control Sample / Duplicate - Liquid - EPA 353.3 - Nitrate + Nitrite as N

QC Batch ID: WNO3060412 Reviewed by: dqueja - 04/14/06

QC Batch ID Analysis Date: 4/12/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Nitrate+Nitrite as N	<0.10	0.69	0.753	mg/L	109	75 - 125

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Nitrate+Nitrite as N	<0.10	0.69	0.778	mg/L	112	**3.3**	25.0	75 - 125

Matrix Spike / Matrix Spike Duplicate - Liquid - EPA 353.3 - Nitrate + Nitrite as N

QC Batch ID: WNO3060412 Reviewed by: dqueja - 04/14/06

QC Batch ID Analysis Date: 4/12/2006

MS Sample Spiked: 48879-001

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	Recovery Limits
Nitrate+Nitrite as N	0.586	2.0	2.63	mg/L	4/12/2006	102	75 - 125

MSD Sample Spiked: 48879-001

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
Nitrate+Nitrite as N	0.586	2.0	2.76	mg/L	4/12/2006	109	5.1	25.0	75 - 125

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Method Blank - Liquid - EPA 8015 MOD. (Extractable) - TPH-Extractable

QC/Prep Batch ID: WD060409B

Validated by: ECunniffe - 04/12/06

QC/Prep Date: 4/9/2006

Parameter	Result	DF	PQLR	Units
TPH as Diesel	ND	1	50	µg/L
TPH as Motor Oil	ND	1	200	µg/L

Surrogate for Blank	% Recovery	Control Limits
o-Terphenyl	**79.1**	22 - 133

Laboratory Control Sample / Duplicate - Liquid - EPA 8015 MOD. (Extractable) - TPH-Extractable

QC/Prep Batch ID: WD060409B

Reviewed by: ECunniffe - 04/13/06

QC/Prep Date: 4/9/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Diesel	<50	1000	730	µg/L	73.0	40 - 138
TPH as Motor Oil	<200	1000	737	µg/L	73.7	40 - 138

Surrogate	% Recovery	Control Limits
o-Terphenyl	**79.2**	22 - 133

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<50	1000	769	µg/L	76.9	**5.2**	25.0	40 - 138
TPH as Motor Oil	<200	1000	760	µg/L	76.0	**3.0**	25.0	40 - 138

Surrogate	% Recovery	Control Limits
o-Terphenyl	**74.8**	22 - 133

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Method Blank - Solid - EPA 8015 MOD. (Extractable) - TPH-Extractable

QC/Prep Batch ID: SD060409A

Validated by: dba - 04/11/06

QC/Prep Date: 4/9/2006

Parameter	Result	DF	PQLR	Units
TPH as Diesel	ND	1	2.5	mg/Kg
TPH as Motor Oil	ND	1	10	mg/Kg

Surrogate for Blank	% Recovery	Control Limits
o-Terphenyl	**75.3**	41 - 137

Laboratory Control Sample / Duplicate - Solid - EPA 8015 MOD. (Extractable) - TPH-Extractable

QC/Prep Batch ID: SD060409A

Reviewed by: dba - 04/11/06

QC/Prep Date: 4/9/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Diesel	<2.5	50	50.0	mg/Kg	100	45 - 140
TPH as Motor Oil	<10	50	46.2	mg/Kg	92.4	45 - 140

Surrogate	% Recovery	Control Limits
o-Terphenyl	**81.6**	41 - 137

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<2.5	50	50.7	mg/Kg	101	**1.4**	30.0	45 - 140
TPH as Motor Oil	<10	50	48.7	mg/Kg	97.4	**5.3**	30.0	45 - 140

Surrogate	% Recovery	Control Limits
o-Terphenyl	**81.4**	41 - 137

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Method Blank - Liquid - EPA 8015 MOD. (Purgeable) - TPH as Gasoline

QC Batch ID: WGC060410

Validated by: MaiChiTu - 04/12/06

QC Batch Analysis Date: 4/10/2006

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	50	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**85.5**	65 - 135

Laboratory Control Sample / Duplicate - Liquid - EPA 8015 MOD. (Purgeable) - TPH as Gasoline

QC Batch ID: WGC060410

Reviewed by: MaiChiTu - 04/12/06

QC Batch ID Analysis Date: 4/10/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<50	120	114	µg/L	91.6	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**106.0**	65 - 135

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<50	120	116	µg/L	92.8	**1.3**	25.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**103.0**	65 - 135

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Method Blank - Solid - EPA 8015 MOD. (Purgeable) - TPH as Gasoline

QC Batch ID: SGC060410

Validated by: dba - 04/13/06

QC Batch Analysis Date: 4/10/2006

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	0.50	mg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**87.2**	65 - 135

Laboratory Control Sample / Duplicate - Solid - EPA 8015 MOD. (Purgeable) - TPH as Gasoline

QC Batch ID: SGC060410

Reviewed by: dba - 04/13/06

QC Batch ID Analysis Date: 4/10/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<0.50	2.5	2.40	mg/Kg	96.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**112.0**	65 - 135

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<0.50	2.5	2.30	mg/Kg	92.0	**4.3**	30.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**108.0**	65 - 135

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Method Blank - Liquid - EPA 8020 - BTEX

QC Batch ID: WGC060410

Validated by: MaiChiTu - 04/12/06

QC Batch Analysis Date: 4/10/2006

Parameter	Result	DF	PQLR	Units
Benzene	ND	1	0.50	µg/L
Ethyl Benzene	ND	1	0.50	µg/L
Toluene	ND	1	0.50	µg/L
Xylenes, Total	ND	1	0.50	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**99.7**	65 - 135

Laboratory Control Sample / Duplicate - Liquid - EPA 8020 - BTEX

QC Batch ID: WGC060410

Reviewed by: MaiChiTu - 04/12/06

QC Batch ID Analysis Date: 4/10/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Benzene	<0.50	4.0	3.84	µg/L	96.0	65 - 135
Ethyl Benzene	<0.50	4.0	3.92	µg/L	98.0	65 - 135
Toluene	<0.50	4.0	3.73	µg/L	93.2	65 - 135
Xylenes, total	<0.50	12	11.6	µg/L	96.7	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**104.0**	65 - 135

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Benzene	<0.50	4.0	3.85	µg/L	96.2	**0.26**	25.0	65 - 135
Ethyl Benzene	<0.50	4.0	3.85	µg/L	96.2	**1.8**	25.0	65 - 135
Toluene	<0.50	4.0	3.80	µg/L	95.0	**1.9**	25.0	65 - 135
Xylenes, total	<0.50	12	11.3	µg/L	94.2	**2.6**	25.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**99.3**	65 - 135

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Matrix Spike / Matrix Spike Duplicate - Liquid - EPA 8020 - BTEX

QC Batch ID: WGC060410

Reviewed by: MaiChiTu - 04/12/06

QC Batch ID Analysis Date: 4/10/2006

MS Sample Spiked: 48879-001

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	Recovery Limits
Benzene	ND	4.0	3.85	µg/L	4/10/2006	96.2	65 - 135
Ethyl Benzene	ND	4.0	3.91	µg/L	4/10/2006	97.8	65 - 135
Toluene	ND	4.0	3.68	µg/L	4/10/2006	92.0	65 - 135
Xylenes, total	ND	12	11.5	µg/L	4/10/2006	95.8	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**104.0**	65 - 135

MSD Sample Spiked: 48879-001

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
Benzene	ND	4.0	3.85	µg/L	4/10/2006	96.2	0.0	25.0	65 - 135
Ethyl Benzene	ND	4.0	3.95	µg/L	4/10/2006	98.8	1.0	25.0	65 - 135
Toluene	ND	4.0	3.68	µg/L	4/10/2006	92.0	0.0	25.0	65 - 135
Xylenes, total	ND	12	11.5	µg/L	4/10/2006	95.8	0.0	25.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**104.0**	65 - 135

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Method Blank - Solid - EPA 8020 - BTEX

QC Batch ID: SGC060410

Validated by: dba - 04/13/06

QC Batch Analysis Date: 4/10/2006

Parameter	Result	DF	PQLR	Units
Benzene	ND	1	0.010	mg/Kg
Ethyl Benzene	ND	1	0.010	mg/Kg
Toluene	ND	1	0.010	mg/Kg
Xylenes, Total	ND	1	0.010	mg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**106**	65 - 135

Laboratory Control Sample / Duplicate - Solid - EPA 8020 - BTEX

QC Batch ID: SGC060410

Reviewed by: dba - 04/13/06

QC Batch ID Analysis Date: 4/10/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Benzene	<0.010	0.080	0.0785	mg/Kg	98.1	54 - 146
Ethyl Benzene	<0.010	0.080	0.0804	mg/Kg	100	67 - 134
Toluene	<0.010	0.080	0.0756	mg/Kg	94.5	45 - 157
Xylenes, total	<0.010	0.24	0.240	mg/Kg	100	79 - 126

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**99.9**	65 - 135

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Benzene	<0.010	0.080	0.0769	mg/Kg	96.1	**2.1**	30.0	54 - 146
Ethyl Benzene	<0.010	0.080	0.0768	mg/Kg	96.0	**4.6**	30.0	67 - 134
Toluene	<0.010	0.080	0.0755	mg/Kg	94.4	**0.13**	30.0	45 - 157
Xylenes, total	<0.010	0.24	0.230	mg/Kg	95.8	**4.3**	30.0	79 - 126

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**100.0**	65 - 135

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Santa Clara, CA 95054 (408) 588-0201 - Fax

Chain of Custody / Analysis Request

Attention to: RICHARD GANDOLFO	Phone No.: 209-835-0610	Purchase Order No.:	Invoice to: (If Different) Same	Phone:
Company Name: Engeo Inc.	Fax No.: 209-835-0675	Project No.: 4371405101	Company:	Quote No.:
Mailing Address: 2880 N. Tracy Blvd. Ste. 3	Email Address: RGANDOLFO@engeo.com	Project Name: Sand Creek ~~Rach~~ Ranch	Billing Address: (If Different)	
City: Tracy	State: Ca. Zip Code: 95376	Project Location: Antioch	City: Antioch	State: Ca Zip: 94531

Sampler: Field Org. Code:

Global ID:

Turn Around Time: ☐ Same Day ☐ 1 Day ☐ 2 Day ☐ 3 Day ☐ 4 Day ☒ 5 Day ☐ 10 Day

Order ID: 48879

Client ID / Field Point	Lab. No.	Date	Time	Matrix	No. of Containers	EPA 8260B	BTEX ☐, MTBE ☐ TPH Gas ☐, by 8260B	5 Oxygenates (MTBE, TBA, ETBA, DIPE, TAME) ☐ Lead Scavengers (1,2-DCA & EDB) ☐, Ethanol ☐	Base/Neutral/Acid Organics 8270C ☐, PAH - 8270C ☐, PAH - 8270C SIM ☐	TKN	TPH Extractable, Diesel ☐, Motor Oil ☐, Other ☐ w/ Si-Gel Cleanup ☐	Pesticides-8081 ☐ PCBs - 8082 ☐	TPH as Gas/BTEX ☐, MTBE ☐, by 8015M/8020	Methanol by 8015M	TPH-D, m.o., G	BTEX	Nitrate, Nitrite (TKN, total N)	Nitrate + Nitrite as N	pH	Anions: F ☐ Cl ☐ Br ☐ SO4 ☐ NO3 ☐ NO2 ☐ PO4 ☐	pH ☐ TSS ☐ SC ☐ TOC ☐ TRPH ☐ O & G ☐	Metals - Circle Below Total ☐ Dissolved ☐ STLC ☐ TCLP ☐	Remarks
Deer Creek Rd. Well #1	001			H_2O	9					X					X	X		X	X				Knows it out of wold
Deer Creek Rd				Soil																			
UST-S-4.5 ft	002			Soil	1										X	X							
UST-S-5.5 ft.	003			Soil	1										X	X							
AST #1	004			Soil	1										X	X							
AST #2	005			Soil	1										X	X							
Empire Mine Rd																							
(N) 1 of 14	006			Soil	1												X	X	X				
(N) 2 of 14	007			Soil	1												X	X	X				
(N) 3 of 14	008			Soil	1												X	X	X				

Delete Reuction 4-7-06 SUH

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	4/7/06	1515
Relinquished by:	Received by:	Date:	Time:
Relinquished by:	Received by:	Date:	Time:

Special Instructions or Comments

☐ EDD Report
☐ EDF Report
☐ Plating
☐ LUFT-5
☐ RCRA-8
☐ PPM-13
☐ CAM-17

Metals:
Al, As, Sb, Ba, Be, Bi, B, Cd, Ce, Ca, Cr, Co, Cs, Cu, Fe, Pb, Mg, Mn, Ga, Ge, Hg, In, Li, Mo, Ni, P, K, Si, Ag, Na, S, Se, Sr, Ta, Te, Tl, Sn, Ti, Zn, V, W, Zr

June 2004

2098350675 2098350675 04/07/2006 14:35

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Richard Gandolfo
Engeo, Inc - Tracy
2880 N. Tracy Blvd. Suite 3
Tracy, CA 95326

Certificate ID: 48879 - 4/19/2006 10:19:26 AM

Samples Received: 04/07/2006

Project Number: 4371405101
Project Name: Sand Creek Ranch
Project Location: Antioch, CA 94531

Subcontract Report

On April 07, 2006, samples were received under chain of custody for analysis.
Entech subcontacted the analyses and the report is attached.

The data and turn around time for subcontracted analyses is completely under control of the subcontract laboratory.
If you have any questions regarding this report, please call us at 408-588-0200 ext. 225.

Alpha Analytical Laboratories Inc.
208 Mason Street, Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

18 April 2006

Entech Analytical Labs, Inc.
Attn: Simon Hague
3334 Victor Court
Santa Clara, CA 95054
RE: 48879
Work Order: A604272

Enclosed are the results of analyses for samples received by the laboratory on 04/11/06 10:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Nena M. Burgess For Robert C. Phillips
Project Manager

Alpha Analytical Laboratories Inc.
208 Mason Street, Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

Entech Analytical Labs, Inc.
3334 Victor Court
Santa Clara, CA 95054
Attn: Simon Hague

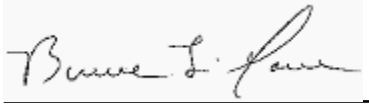
Report Date: 04/18/06 16:45
Project No: 48879
Project ID: 48879

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A604272	04/11/2006 10:25	ENTECH	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
48879-006 Empire Mine Rd. (N)	A604272-01	Soil	04/05/06 00:00	04/11/06 10:25
48879-007 (N) 2 of 14	A604272-02	Soil	04/05/06 00:00	04/11/06 10:25
48879-008 (N) 3 of 14	A604272-03	Soil	04/05/06 00:00	04/11/06 10:25

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Bruce Gove
Laboratory Director

4/18/2006

Alpha Analytical Laboratories Inc.
208 Mason Street, Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

Entech Analytical Labs, Inc.
3334 Victor Court
Santa Clara, CA 95054
Attn: Simon Hague

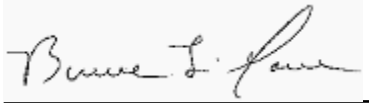
Report Date: 04/18/06 16:45
Project No: 48879
Project ID: 48879

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A604272	04/11/2006 10:25	ENTECH	

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT	PQL	NOTE
48879-006 Empire Mine Rd. (N) (A604272-01)			**Sample Type: Soil**			**Sampled: 04/05/06 00:00**		
Conventional Chemistry Parameters by APHA/EPA Methods								
Total Nitrogen	SM4500-N	AD61726	04/17/06	04/18/06	1	**490 mg/kg**	**10**	
Total Kjeldahl Nitrogen	EPA 351.3	AD61003	04/12/06	04/12/06	"	**480 "**	**10**	
Anions by EPA Method 300.0								
Nitrate as N	EPA 300.0	AD61706	04/17/06	04/17/06	1	**11 mg/kg**	**2.0**	
Nitrite as N	"	"	"	"	"	ND "	2.0	
48879-007 (N) 2 of 14 (A604272-02)			**Sample Type: Soil**			**Sampled: 04/05/06 00:00**		
Conventional Chemistry Parameters by APHA/EPA Methods								
Total Nitrogen	SM4500-N	AD61726	04/17/06	04/18/06	1	**97 mg/kg**	**10**	
Total Kjeldahl Nitrogen	EPA 351.3	AD61003	04/12/06	04/12/06	"	**91 "**	**10**	
Anions by EPA Method 300.0								
Nitrate as N	EPA 300.0	AD61706	04/17/06	04/17/06	1	**5.8 mg/kg**	**2.0**	
Nitrite as N	"	"	"	"	"	ND "	2.0	
48879-008 (N) 3 of 14 (A604272-03)			**Sample Type: Soil**			**Sampled: 04/05/06 00:00**		
Conventional Chemistry Parameters by APHA/EPA Methods								
Total Nitrogen	SM4500-N	AD61726	04/17/06	04/18/06	1	**240 mg/kg**	**10**	
Total Kjeldahl Nitrogen	EPA 351.3	AD61003	04/12/06	04/12/06	"	**230 "**	**10**	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Bruce Gove
Laboratory Director

4/18/2006

Alpha Analytical Laboratories Inc.
208 Mason Street, Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

Entech Analytical Labs, Inc.
3334 Victor Court
Santa Clara, CA 95054
Attn: Simon Hague

Report Date: 04/18/06 16:45
Project No: 48879
Project ID: 48879

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A604272	04/11/2006 10:25	ENTECH	

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT	PQL	NOTE
48879-008 (N) 3 of 14 (A604272-03)			**Sample Type: Soil**			**Sampled: 04/05/06 00:00**		
Anions by EPA Method 300.0								
Nitrate as N	EPA 300.0	AD61706	04/17/06	04/17/06	1	**6.1 mg/kg**	**2.0**	
Nitrite as N	"	"	"	"	"	ND "	2.0	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Bruce Gove
Laboratory Director

4/18/2006

Alpha Analytical Laboratories Inc.
208 Mason Street, Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

Entech Analytical Labs, Inc.
3334 Victor Court
Santa Clara, CA 95054
Attn: Simon Hague

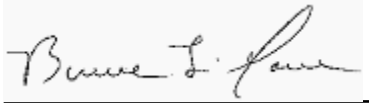
Report Date: 04/18/06 16:45
Project No: 48879
Project ID: 48879

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A604272	04/11/2006 10:25	ENTECH	

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AD61003 - General Prep										
LCS (AD61003-BS1)				Prepared & Analyzed: 04/10/06						
Total Kjeldahl Nitrogen	57700	10	mg/kg	56600		102	80-120			
LCS Dup (AD61003-BSD1)				Prepared & Analyzed: 04/10/06						
Total Kjeldahl Nitrogen	57700	10	mg/kg	56600		102	80-120	0.00	20	
Batch AD61726 - General Preparation										
Blank (AD61726-BLK1)				Prepared: 04/17/06 Analyzed: 04/18/06						
Total Nitrogen	ND	10	mg/kg							

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Bruce Gove
Laboratory Director

4/18/2006

Alpha Analytical Laboratories Inc.
208 Mason Street, Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

Entech Analytical Labs, Inc.
3334 Victor Court
Santa Clara, CA 95054
Attn: Simon Hague

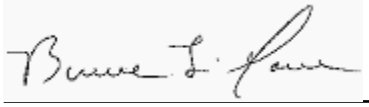
Report Date: 04/18/06 16:45
Project No: 48879
Project ID: 48879

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A604272	04/11/2006 10:25	ENTECH	

Anions by EPA Method 300.0 - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AD61706 - General Preparation										
Blank (AD61706-BLK1)				Prepared & Analyzed: 04/17/06						
Nitrite as N	ND	2.0	mg/kg							
Nitrate as N	ND	2.0	"							
LCS (AD61706-BS1)				Prepared & Analyzed: 04/17/06						
Nitrite as N	53.9	2.0	mg/kg	50.0		108	90-110			
Nitrate as N	51.5	2.0	"	50.0		103	90-110			
LCS Dup (AD61706-BSD1)				Prepared & Analyzed: 04/17/06						
Nitrite as N	52.7	2.0	mg/kg	50.0		105	90-110	2.25	20	
Nitrate as N	50.4	2.0	"	50.0		101	90-110	2.16	20	
Duplicate (AD61706-DUP1)	**Source: A604273-02**			Prepared & Analyzed: 04/17/06						
Nitrite as N	0.200	2.0	mg/kg		ND				20	
Nitrate as N	3.72	2.0	"		6.5			54.4	20	QM-04
Matrix Spike (AD61706-MS1)	**Source: A604273-02**			Prepared & Analyzed: 04/17/06						
Nitrite as N	51.8	4.0	mg/kg	50.0	ND	103	80-120			
Nitrate as N	55.5	4.0	"	50.0	6.5	98.0	80-120			
Matrix Spike Dup (AD61706-MSD1)	**Source: A604273-02**			Prepared & Analyzed: 04/17/06						
Nitrite as N	53.2	4.0	mg/kg	50.0	ND	106	80-120	2.67	20	
Nitrate as N	57.5	4.0	"	50.0	6.5	102	80-120	3.54	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Bruce Gove
Laboratory Director

4/18/2006

Alpha Analytical Laboratories Inc.
208 Mason Street, Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

Entech Analytical Labs, Inc.
3334 Victor Court
Santa Clara, CA 95054
Attn: Simon Hague

Report Date: 04/18/06 16:45
Project No: 48879
Project ID: 48879

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A604272	04/11/2006 10:25	ENTECH	

Notes and Definitions

QM-04	High RPD and/or poor percent recovery may reflect sample non-homogeneity.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
PQL	Practical Quantitation Limit

Entech Analytical Labs, Inc.

CA ELAP # I-2346

3334 Victor Court, Santa Clara, CA 95054 (408) 588-0200 FAX (408) 588-0201

Subcontract Chain of Custody

Subcontract Lab:	Entech Project Name:	Date Sent:	Due Date:	PO Number:
Alpha Analytical	48879	4/10/06	4/14/06	48879

Entech Sample Number	Customer Sample Name/Field Point ID	Matrix	Method	Collect Date	Collect Time	Bottle Type	Preservative
48879-006	Empire Mine Rd. (N)	Solid	Total Nitrogen - Alpha Analytical	4/5/2006		A60427a-	1
48879-007	(N) 2 of 14	Solid	Total Nitrogen - Alpha Analytical	4/5/2006			2
48879-008	(N) 3 of 14	Solid	Total Nitrogen - Alpha Analytical	4/5/2006			3

Relinquished By:	Received By:	Date:	Time:
Joseph Machado	California Overnight	04-10-06	1830
Relinquished By:	Received By:	Date:	Time:
	Stanley	4/11/06	10:25
Relinquished By:	Received By:	Date:	Time:

6.4

Notes:

Entech Analytical Labs, Inc.
3334 Victor Court (408) 588-0200
Santa Clara, CA 95054 (408) 588-0201 - Fax

Chain of Custody / Analysis Request

Attention to: RICHARD GANDOLFO	Phone No.: 209-835-0610	Purchase Order No.:	Invoice to: (If Different) Same	Phone:
Company Name: Engeo Inc.	Fax No.: 209-835-0675	Project No.: 4371405101	Company:	Quote No.:
Mailing Address: 2880 N. Tracy Blvd. Ste. 3	Email Address: RGANDOLFO@engeo.com	Project Name: Sand Creek ~~Rach~~ Ranch	Billing Address: (If Different)	
City: Tracy	State: Ca. Zip Code: 95376	Project Location: Antioch	City: Antioch	State: Ca Zip: 94531

Sampler: Field Org. Code:

Global ID:

Turn Around Time: ☐ Same Day ☐ 1 Day ☐ 2 Day ☐ 3 Day ☐ 4 Day ☒ 5 Day ☐ 10 Day

Order ID: 48879

Client ID / Field Point	Lab. No.	Date	Time	Matrix	No. of Containers	EPA 8260B	BTEX ☐, MTBE ☐ TPH Gas ☐, by 8260B	5 Oxygenates (MTBE, TBA, ETBA, DIPE, TAME) ☐ Lead Scavengers (1,2-DCA & EDB) ☐, Ethanol ☐	Base/Neutral/Acid Organics 8270C ☐, PAH - 8270C ☐, PAH - 8270C SIM ☐	TKN	TPH Extractable, Diesel ☐, Motor Oil ☐, Other ☐ w/ Si-Gel Cleanup ☐	Pesticides-8081 ☐ PCBs - 8082 ☐	TPH as Gas/BTEX ☐, MTBE ☐, by 8015M/8020	Methanol by 8015M	TPH-D, m.o., G	BTEX	Nitrate, Nitrite (TKN, total N)	Nitrate + Nitrite as N	pH	Anions: F ☐ Cl ☐ Br ☐ SO4 ☐ NO3 ☐ NO2 ☐ PO4 ☐	pH ☐ TSS ☐ SC ☐ TOC ☐ TRPH ☐ O & G ☐	Metals - Circle Below Total ☐ Dissolved ☐ STLC ☐ TCLP ☐	Remarks
Deer Creek Rd. Well #1	001			H_2O	9					X					X	X		X	X				Knows it out of wold
Deer Creek Rd				Soil																			
UST-S-4.5 ft	002			Soil	1										X	X							
UST-S-5.5 ft.	003			Soil	1										X	X							
AST #1	004			Soil	1										X	X							
AST #2	005			Soil	1										X	X							
Empire Mine Rd																							
(N) 1 of 14	006			Soil	1												X	X	X				
(N) 2 of 14	007			Soil	1												X	X	X				
(N) 3 of 14	008			Soil	1												X	X	X				

Delete Reuction 4-7-06 SUH

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[signature]	[signature]	4/7/06	1515
Relinquished by:	Received by:	Date:	Time:
Relinquished by:	Received by:	Date:	Time:

Special Instructions or Comments

☐ EDD Report
☐ EDF Report
☐ Plating
☐ LUFT-5
☐ RCRA-8
☐ PPM-13
☐ CAM-17

Metals:
Al, As, Sb, Ba, Be, Bi, B, Cd, Ce, Ca, Cr, Co, Cs, Cu, Fe, Pb, Mg, Mn, Ga, Ge, Hg, In, Li, Mo, Ni, P, K, Si, Ag, Na, S, Se, Sr, Ta, Te, Tl, Sn, Ti, Zn, V, W, Zr

June 2004

2098350675 2098350675 04/07/2006 14:35

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Richard Gandolfo
Engeo, Inc - Tracy
2880 N. Tracy Blvd. Suite 3
Tracy, CA 95326

Lab Certificate Number: 48892
Issued: 04/19/2006

Project Number: 4371405101
Project Name: Sand Creek Ranch
Project Location: Antioch, CA 94531

Certificate of Analysis-Revision

Note: This is a revision of the original report submitted for a revision of the client project name.

On April 10, 2006, samples were received under chain of custody for analysis.
Entech analyzes samples "as received" unless otherwise noted. The following results are included:

Matrix	Test	Comments
Solid	pH	
	Subcontract	Total Nitrogen - Alpha Analytical

Entech Analytical Labs, Inc. is certified for environmental analyses by the State of California (#2346).
If you have any questions regarding this report, please call us at 408-588-0200 ext. 225.

Sincerely,

Erin Cunniffe
Operations Manager

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Engeo, Inc - Tracy
2880 N. Tracy Blvd. Suite 3
Tracy, CA 95326
Attn: Richard Gandolfo

Project Number: 4371405101
Project Name: Sand Creek Ranch
Project Location: Antioch, CA 94531

Certificate of Analysis - Data Report

Samples Received: 04/10/2006
Sample Collected by: Client

Lab # : 48892-001 **Sample ID: S-4-1 Ft.** **Matrix:** Solid **Sample Date:** 4/7/2006

EPA 9045C									pH
Parameter	**Result**	**Qual**	**D/P-F**	**Detection Limit**	**Units**	**Prep Date**	**Prep Batch**	**Analysis Date**	**QC Batch**
pH	3.4		1.0	1.0	pH Units	4/10/2006	SPH060410	4/10/2006	SPH060410

Analyzed by: Jisiderio
Reviewed by: dqueja

Lab # : 48892-002 **Sample ID: S-5-1 Ft.** **Matrix:** Solid **Sample Date:** 4/7/2006

EPA 9045C									pH
Parameter	**Result**	**Qual**	**D/P-F**	**Detection Limit**	**Units**	**Prep Date**	**Prep Batch**	**Analysis Date**	**QC Batch**
pH	3.9		1.0	1.0	pH Units	4/10/2006	SPH060410	4/10/2006	SPH060410

Analyzed by: Jisiderio
Reviewed by: dqueja

Lab # : 48892-003 **Sample ID: S-6-1 Ft.** **Matrix:** Solid **Sample Date:** 4/7/2006

EPA 9045C									pH
Parameter	**Result**	**Qual**	**D/P-F**	**Detection Limit**	**Units**	**Prep Date**	**Prep Batch**	**Analysis Date**	**QC Batch**
pH	4.0		1.0	1.0	pH Units	4/10/2006	SPH060410	4/10/2006	SPH060410

Analyzed by: Jisiderio
Reviewed by: dqueja

Lab # : 48892-004 **Sample ID: S-7-1 Ft.** **Matrix:** Solid **Sample Date:** 4/7/2006

EPA 9045C									pH
Parameter	**Result**	**Qual**	**D/P-F**	**Detection Limit**	**Units**	**Prep Date**	**Prep Batch**	**Analysis Date**	**QC Batch**
pH	7.6		1.0	1.0	pH Units	4/10/2006	SPH060410	4/10/2006	SPH060410

Analyzed by: Jisiderio
Reviewed by: dqueja

Lab # : 48892-005 **Sample ID: S-8-1 Ft.** **Matrix:** Solid **Sample Date:** 4/7/2006

EPA 9045C									pH
Parameter	**Result**	**Qual**	**D/P-F**	**Detection Limit**	**Units**	**Prep Date**	**Prep Batch**	**Analysis Date**	**QC Batch**
pH	7.3		1.0	1.0	pH Units	4/10/2006	SPH060410	4/10/2006	SPH060410

Analyzed by: Jisiderio
Reviewed by: dqueja

Lab # : 48892-006 **Sample ID: S-9-1 Ft.** **Matrix:** Solid **Sample Date:** 4/7/2006

EPA 9045C									pH
Parameter	**Result**	**Qual**	**D/P-F**	**Detection Limit**	**Units**	**Prep Date**	**Prep Batch**	**Analysis Date**	**QC Batch**
pH	7.8		1.0	1.0	pH Units	4/10/2006	SPH060410	4/10/2006	SPH060410

Analyzed by: Jisiderio
Reviewed by: dqueja

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Engeo, Inc - Tracy
2880 N. Tracy Blvd. Suite 3
Tracy, CA 95326
Attn: Richard Gandolfo

Project Number: 4371405101
Project Name: Sand Creek Ranch
Project Location: Antioch, CA 94531

Certificate of Analysis - Data Report

Samples Received: 04/10/2006
Sample Collected by: Client

Lab # : 48892-007 **Sample ID: S-10-1 Ft.** **Matrix:** Solid **Sample Date:** 4/7/2006

EPA 9045C									pH
Parameter	**Result**	**Qual**	**D/P-F**	**Detection Limit**	**Units**	**Prep Date**	**Prep Batch**	**Analysis Date**	**QC Batch**
pH	6.8		1.0	1.0	pH Units	4/10/2006	SPH060410	4/10/2006	SPH060410

Analyzed by: Jisiderio
Reviewed by: dqueja

Lab # : 48892-008 **Sample ID: S-11-1 Ft.** **Matrix:** Solid **Sample Date:** 4/7/2006

EPA 9045C									pH
Parameter	**Result**	**Qual**	**D/P-F**	**Detection Limit**	**Units**	**Prep Date**	**Prep Batch**	**Analysis Date**	**QC Batch**
pH	8.2		1.0	1.0	pH Units	4/10/2006	SPH060410	4/10/2006	SPH060410

Analyzed by: Jisiderio
Reviewed by: dqueja

Lab # : 48892-009 **Sample ID: S-12-1 Ft.** **Matrix:** Solid **Sample Date:** 4/7/2006

EPA 9045C									pH
Parameter	**Result**	**Qual**	**D/P-F**	**Detection Limit**	**Units**	**Prep Date**	**Prep Batch**	**Analysis Date**	**QC Batch**
pH	8.3		1.0	1.0	pH Units	4/10/2006	SPH060410	4/10/2006	SPH060410

Analyzed by: Jisiderio
Reviewed by: dqueja

Lab # : 48892-010 **Sample ID: S-13-1 Ft.** **Matrix:** Solid **Sample Date:** 4/7/2006

EPA 9045C									pH
Parameter	**Result**	**Qual**	**D/P-F**	**Detection Limit**	**Units**	**Prep Date**	**Prep Batch**	**Analysis Date**	**QC Batch**
pH	7.9		1.0	1.0	pH Units	4/10/2006	SPH060410	4/10/2006	SPH060410

Analyzed by: Jisiderio
Reviewed by: dqueja

Lab # : 48892-011 **Sample ID: S-14-1 Ft.** **Matrix:** Solid **Sample Date:** 4/7/2006

EPA 9045C									pH
Parameter	**Result**	**Qual**	**D/P-F**	**Detection Limit**	**Units**	**Prep Date**	**Prep Batch**	**Analysis Date**	**QC Batch**
pH	4.2		1.0	1.0	pH Units	4/10/2006	SPH060410	4/10/2006	SPH060410

Analyzed by: Jisiderio
Reviewed by: dqueja

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Replicate - Solid - EPA 9045C - pH
QC/Prep Batch ID: SPH060410
QC/Prep Date: 4/10/2006

Validated by: dqueja - 04/11/06

Parameter		Sample Result	Replicate Result	Units	RPD	QC Type	RPD Limits
pH	48879-008	7.773	7.666	pH Units	**1.4**	Replicate	30.0

Alpha Analytical Laboratories Inc.
208 Mason Street, Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

18 April 2006

Entech Analytical Labs, Inc.
Attn: Simon Hague
3334 Victor Court
Santa Clara, CA 95054
RE: 48892
Work Order: A604273

Enclosed are the results of analyses for samples received by the laboratory on 04/11/06 10:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Nena M. Burgess For Robert C. Phillips
Project Manager

Alpha Analytical Laboratories Inc.
208 Mason Street, Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

Entech Analytical Labs, Inc.
3334 Victor Court
Santa Clara, CA 95054
Attn: Simon Hague

Report Date: 04/18/06 16:48
Project No: 48892
Project ID: 48892

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A604273	04/11/2006 10:25	ENTECH	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
48892-001 S-4-1 Ft.	A604273-01	Soil	04/07/06 00:00	04/11/06 10:25
48892-002 S-5-1 Ft.	A604273-02	Soil	04/07/06 00:00	04/11/06 10:25
48892-003 S-6-1 Ft.	A604273-03	Soil	04/07/06 00:00	04/11/06 10:25
48892-004 S-7-1 Ft.	A604273-04	Soil	04/07/06 00:00	04/11/06 10:25
48892-005 S-8-1 Ft.	A604273-05	Soil	04/07/06 00:00	04/11/06 10:25
48892-006 S-9-1 Ft.	A604273-06	Soil	04/07/06 00:00	04/11/06 10:25
48892-007 S-10-1 Ft.	A604273-07	Soil	04/07/06 00:00	04/11/06 10:25
48892-008 S-11-1 Ft.	A604273-08	Soil	04/07/06 00:00	04/11/06 10:25
48892-009 S-12-1 Ft.	A604273-09	Soil	04/07/06 00:00	04/11/06 10:25
48892-010 S-13-1 Ft.	A604273-10	Soil	04/07/06 00:00	04/11/06 10:25
48892-011 S-14-1 Ft.	A604273-11	Soil	04/07/06 00:00	04/11/06 10:25

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Bruce Gove
Laboratory Director

4/18/2006

Alpha Analytical Laboratories Inc.
208 Mason Street, Ukiah, California 95482
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CHEMICAL EXAMINATION REPORT

Entech Analytical Labs, Inc.
3334 Victor Court
Santa Clara, CA 95054
Attn: Simon Hague

Report Date: 04/18/06 16:48
Project No: 48892
Project ID: 48892

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A604273	04/11/2006 10:25	ENTECH	

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT	PQL	NOTE
48892-001 S-4-1 Ft. (A604273-01)			**Sample Type: Soil**			**Sampled: 04/07/06 00:00**		
Conventional Chemistry Parameters by APHA/EPA Methods								
Total Nitrogen	SM4500-N	AD61726	04/17/06	04/18/06	1	**370 mg/kg**	**10**	
Total Kjeldahl Nitrogen	EPA 351.3	AD61003	04/13/06	04/13/06	"	**350 "**	**10**	
Anions by EPA Method 300.0								
Nitrate as N	EPA 300.0	AD61706	04/17/06	04/17/06	1	**20 mg/kg**	**2.0**	
Nitrite as N	"	"	"	"	"	ND "	2.0	
48892-002 S-5-1 Ft. (A604273-02)			**Sample Type: Soil**			**Sampled: 04/07/06 00:00**		
Conventional Chemistry Parameters by APHA/EPA Methods								
Total Nitrogen	SM4500-N	AD61726	04/17/06	04/18/06	1	**900 mg/kg**	**10**	
Total Kjeldahl Nitrogen	EPA 351.3	AD61003	04/13/06	04/13/06	"	**900 "**	**10**	
Anions by EPA Method 300.0								
Nitrate as N	EPA 300.0	AD61706	04/17/06	04/17/06	1	**6.5 mg/kg**	**2.0**	
Nitrite as N	"	"	"	"	"	ND "	2.0	
48892-003 S-6-1 Ft. (A604273-03)			**Sample Type: Soil**			**Sampled: 04/07/06 00:00**		
Conventional Chemistry Parameters by APHA/EPA Methods								
Total Nitrogen	SM4500-N	AD61726	04/17/06	04/18/06	1	**500 mg/kg**	**10**	
Total Kjeldahl Nitrogen	EPA 351.3	AD61003	04/13/06	04/13/06	"	**490 "**	**10**	

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Bruce Gove
Laboratory Director

4/18/2006

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CHEMICAL EXAMINATION REPORT

Entech Analytical Labs, Inc.
3334 Victor Court
Santa Clara, CA 95054
Attn: Simon Hague

Report Date: 04/18/06 16:48
Project No: 48892
Project ID: 48892

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A604273	04/11/2006 10:25	ENTECH	

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT	PQL	NOTE
48892-003 S-6-1 Ft. (A604273-03)			**Sample Type: Soil**			**Sampled: 04/07/06 00:00**		
Anions by EPA Method 300.0								
Nitrate as N	EPA 300.0	AD61706	04/17/06	04/17/06	1	**7.3 mg/kg**	**2.0**	
Nitrite as N	"	"	"	"	"	ND "	2.0	
48892-004 S-7-1 Ft. (A604273-04)			**Sample Type: Soil**			**Sampled: 04/07/06 00:00**		
Conventional Chemistry Parameters by APHA/EPA Methods								
Total Nitrogen	SM4500-N	AD61726	04/17/06	04/18/06	1	**570 mg/kg**	**10**	
Total Kjeldahl Nitrogen	EPA 351.3	AD61003	04/13/06	04/13/06	"	**560 "**	**10**	
Anions by EPA Method 300.0								
Nitrate as N	EPA 300.0	AD61706	04/17/06	04/17/06	1	**6.5 mg/kg**	**2.0**	
Nitrite as N	"	"	"	"	"	ND "	2.0	
48892-005 S-8-1 Ft. (A604273-05)			**Sample Type: Soil**			**Sampled: 04/07/06 00:00**		
Conventional Chemistry Parameters by APHA/EPA Methods								
Total Nitrogen	SM4500-N	AD61726	04/17/06	04/18/06	1	**850 mg/kg**	**10**	
Total Kjeldahl Nitrogen	EPA 351.3	AD61003	04/13/06	04/13/06	"	**850 "**	**10**	
Anions by EPA Method 300.0								
Nitrate as N	EPA 300.0	AD61706	04/17/06	04/17/06	1	ND mg/kg	2.0	
Nitrite as N	"	"	"	"	"	ND "	2.0	
48892-006 S-9-1 Ft. (A604273-06)			**Sample Type: Soil**			**Sampled: 04/07/06 00:00**		
Conventional Chemistry Parameters by APHA/EPA Methods								
Total Nitrogen	SM4500-N	AD61726	04/17/06	04/18/06	1	**420 mg/kg**	**10**	
Total Kjeldahl Nitrogen	EPA 351.3	AD61003	04/13/06	04/13/06	"	**410 "**	**10**	

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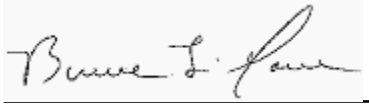

Bruce Gove
Laboratory Director

4/18/2006

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CHEMICAL EXAMINATION REPORT

Entech Analytical Labs, Inc.
3334 Victor Court
Santa Clara, CA 95054
Attn: Simon Hague

Report Date: 04/18/06 16:48
Project No: 48892
Project ID: 48892

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A604273	04/11/2006 10:25	ENTECH	

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT	PQL	NOTE
48892-006 S-9-1 Ft. (A604273-06)			**Sample Type: Soil**			**Sampled: 04/07/06 00:00**		
Anions by EPA Method 300.0								
Nitrate as N	EPA 300.0	AD61706	04/17/06	04/17/06	1	ND mg/kg	2.0	
Nitrite as N	"	"	"	"	"	ND "	2.0	
48892-007 S-10-1 Ft. (A604273-07)			**Sample Type: Soil**			**Sampled: 04/07/06 00:00**		
Conventional Chemistry Parameters by APHA/EPA Methods								
Total Nitrogen	SM4500-N	AD61726	04/17/06	04/18/06	1	**820 mg/kg**	**10**	
Total Kjeldahl Nitrogen	EPA 351.3	AD61003	04/13/06	04/13/06	"	**820 "**	**10**	
Anions by EPA Method 300.0								
Nitrate as N	EPA 300.0	AD61706	04/17/06	04/17/06	1	**2.7 mg/kg**	**2.0**	
Nitrite as N	"	"	"	"	"	ND "	2.0	
48892-008 S-11-1 Ft. (A604273-08)			**Sample Type: Soil**			**Sampled: 04/07/06 00:00**		
Conventional Chemistry Parameters by APHA/EPA Methods								
Total Nitrogen	SM4500-N	AD61726	04/17/06	04/18/06	1	**460 mg/kg**	**10**	
Total Kjeldahl Nitrogen	EPA 351.3	AD61003	04/13/06	04/13/06	"	**460 "**	**10**	
Anions by EPA Method 300.0								
Nitrate as N	EPA 300.0	AD61706	04/17/06	04/17/06	1	ND mg/kg	2.0	
Nitrite as N	"	"	"	"	"	ND "	2.0	
48892-009 S-12-1 Ft. (A604273-09)			**Sample Type: Soil**			**Sampled: 04/07/06 00:00**		
Conventional Chemistry Parameters by APHA/EPA Methods								
Total Nitrogen	SM4500-N	AD61726	04/17/06	04/18/06	1	**500 mg/kg**	**10**	
Total Kjeldahl Nitrogen	EPA 351.3	AD61003	04/13/06	04/13/06	"	**500 "**	**10**	

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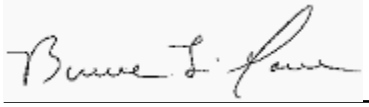

Bruce Gove
Laboratory Director

4/18/2006

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CHEMICAL EXAMINATION REPORT

Entech Analytical Labs, Inc.
3334 Victor Court
Santa Clara, CA 95054
Attn: Simon Hague

Report Date: 04/18/06 16:48
Project No: 48892
Project ID: 48892

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A604273	04/11/2006 10:25	ENTECH	

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT	PQL	NOTE
48892-009 S-12-1 Ft. (A604273-09)			**Sample Type: Soil**			**Sampled: 04/07/06 00:00**		
Anions by EPA Method 300.0								
Nitrate as N	EPA 300.0	AD61706	04/17/06	04/17/06	1	**2.3 mg/kg**	**2.0**	
Nitrite as N	"	"	"	"	"	ND "	2.0	
48892-010 S-13-1 Ft. (A604273-10)			**Sample Type: Soil**			**Sampled: 04/07/06 00:00**		
Conventional Chemistry Parameters by APHA/EPA Methods								
Total Nitrogen	SM4500-N	AD61726	04/17/06	04/18/06	1	**440 mg/kg**	**10**	
Total Kjeldahl Nitrogen	EPA 351.3	AD61003	04/13/06	04/13/06	"	**430 "**	**10**	
Anions by EPA Method 300.0								
Nitrate as N	EPA 300.0	AD61706	04/17/06	04/17/06	1	**2.1 mg/kg**	**2.0**	
Nitrite as N	"	"	"	"	"	ND "	2.0	
48892-011 S-14-1 Ft. (A604273-11)			**Sample Type: Soil**			**Sampled: 04/07/06 00:00**		
Conventional Chemistry Parameters by APHA/EPA Methods								
Total Nitrogen	SM4500-N	AD61726	04/17/06	04/18/06	1	**430 mg/kg**	**10**	
Total Kjeldahl Nitrogen	EPA 351.3	AD61003	04/13/06	04/13/06	"	**420 "**	**10**	
Anions by EPA Method 300.0								
Nitrate as N	EPA 300.0	AD61706	04/17/06	04/17/06	1	**8.2 mg/kg**	**2.0**	
Nitrite as N	"	"	"	"	"	ND "	2.0	

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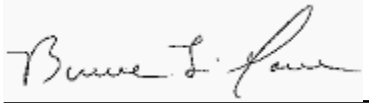

Bruce Gove
Laboratory Director

4/18/2006

Alpha Analytical Laboratories Inc.
208 Mason Street, Ukiah, California 95482
e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

Entech Analytical Labs, Inc.
3334 Victor Court
Santa Clara, CA 95054
Attn: Simon Hague

Report Date: 04/18/06 16:48
Project No: 48892
Project ID: 48892

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A604273	04/11/2006 10:25	ENTECH	

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AD61003 - General Prep										
LCS (AD61003-BS1)				Prepared & Analyzed: 04/10/06						
Total Kjeldahl Nitrogen	57700	10	mg/kg	56600		102	80-120			
LCS Dup (AD61003-BSD1)				Prepared & Analyzed: 04/10/06						
Total Kjeldahl Nitrogen	57700	10	mg/kg	56600		102	80-120	0.00	20	
Batch AD61726 - General Preparation										
Blank (AD61726-BLK1)				Prepared: 04/17/06 Analyzed: 04/18/06						
Total Nitrogen	ND	10	mg/kg							

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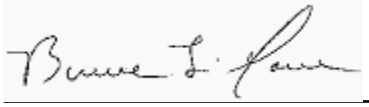

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4/18/2006

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Report Date: 04/18/06 16:48
Project No: 48892
Project ID: 48892

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A604273	04/11/2006 10:25	ENTECH	

Anions by EPA Method 300.0 - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AD61706 - General Preparation										
Blank (AD61706-BLK1)				Prepared & Analyzed: 04/17/06						
Nitrite as N	ND	2.0	mg/kg							
Nitrate as N	ND	2.0	"							
LCS (AD61706-BS1)				Prepared & Analyzed: 04/17/06						
Nitrite as N	53.9	2.0	mg/kg	50.0		108	90-110			
Nitrate as N	51.5	2.0	"	50.0		103	90-110			
LCS Dup (AD61706-BSD1)				Prepared & Analyzed: 04/17/06						
Nitrite as N	52.7	2.0	mg/kg	50.0		105	90-110	2.25	20	
Nitrate as N	50.4	2.0	"	50.0		101	90-110	2.16	20	
Duplicate (AD61706-DUP1)	**Source: A604273-02**			Prepared & Analyzed: 04/17/06						
Nitrite as N	0.200	2.0	mg/kg		ND				20	
Nitrate as N	3.72	2.0	"		6.5			54.4	20	QM-04
Matrix Spike (AD61706-MS1)	**Source: A604273-02**			Prepared & Analyzed: 04/17/06						
Nitrite as N	51.8	4.0	mg/kg	50.0	ND	103	80-120			
Nitrate as N	55.5	4.0	"	50.0	6.5	98.0	80-120			
Matrix Spike Dup (AD61706-MSD1)	**Source: A604273-02**			Prepared & Analyzed: 04/17/06						
Nitrite as N	53.2	4.0	mg/kg	50.0	ND	106	80-120	2.67	20	
Nitrate as N	57.5	4.0	"	50.0	6.5	102	80-120	3.54	20	

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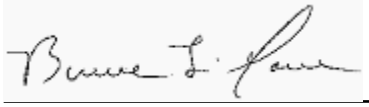

Bruce Gove
Laboratory Director

4/18/2006

Alpha Analytical Laboratories Inc.
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CHEMICAL EXAMINATION REPORT

Entech Analytical Labs, Inc.
3334 Victor Court
Santa Clara, CA 95054
Attn: Simon Hague

Report Date: 04/18/06 16:48
Project No: 48892
Project ID: 48892

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A604273	04/11/2006 10:25	ENTECH	

Notes and Definitions

QM-04	High RPD and/or poor percent recovery may reflect sample non-homogeneity.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
PQL	Practical Quantitation Limit

Entech Analytical Labs, Inc.

CA ELAP # I-2346

3334 Victor Court, Santa Clara, CA 95054 (408) 588-0200 FAX (408) 588-0201

Subcontract Chain of Custody

Subcontract Lab:	Entech Project Name:	Date Sent:	Due Date:	PO Number:
Alpha Analytical	48892	4/10/06	4/17/06	48892

Entech Sample Number	Customer Sample Name/Field Point ID	Matrix	Method	Collect Date	Collect Time	Bottle Type	Preservative
48892-001	S-4-1 Ft.	Solid	Total Nitrogen - Alpha Analytical	4/7/2006	A604273 -		1
48892-002	S-5-1 Ft.	Solid	Total Nitrogen - Alpha Analytical	4/7/2006			2
48892-003	S-6-1 Ft.	Solid	Total Nitrogen - Alpha Analytical	4/7/2006			3
48892-004	S-7-1 Ft.	Solid	Total Nitrogen - Alpha Analytical	4/7/2006			4
48892-005	S-8-1 Ft.	Solid	Total Nitrogen - Alpha Analytical	4/7/2006			5
48892-006	S-9-1 Ft.	Solid	Total Nitrogen - Alpha Analytical	4/7/2006			6
48892-007	S-10-1 Ft.	Solid	Total Nitrogen - Alpha Analytical	4/7/2006			7
48892-008	S-11-1 Ft.	Solid	Total Nitrogen - Alpha Analytical	4/7/2006			8
48892-009	S-12-1 Ft.	Solid	Total Nitrogen - Alpha Analytical	4/7/2006			9
48892-010	S-13-1 Ft.	Solid	Total Nitrogen - Alpha Analytical	4/7/2006			10
48892-011	S-14-1 Ft.	Solid	Total Nitrogen - Alpha Analytical	4/7/2006			11

Relinquished By:	Received By:	Date:	Time:
Joseph Machado	California Overnight	04-10-06	1830
Relinquished By:	Received By:	Date: 4/11/06	Time: 10:25
Relinquished By:	Received By:	Date:	Time:

Notes:

Entech Analytical Labs, Inc.

3334 Victor Court (408) 588-0200
Santa Clara, CA 95054 (408) 588-0201 - Fax

Chain of Custody / Analysis Request

Attention to: Richard Gandolfo	Phone No.: (209) 835-0610	Purchase Order No.:	Invoice to: (If Different) Same	Phone:	
Company Name: Engeo Inc.	Fax No.: (209) 835-0675	Project No.: 437140510	Company:	Quote No.:	
Mailing Address: 2880 N. Tracy Blvd Ste. 3	Email Address: RGANDOLFO@engeo.com	Project Name: Sand Creek Ranch	Billing Address: (If Different)		
City: Tracy	State: Ca	Zip Code: 94576	Project Location: South Antioch	City: Antioch	State: Ca. Zip: 94531

Sampler: | Field Org. Code:

Global ID:

Turn Around Time
- ❑ Same Day
- ❑ 1 Day
- ❑ 2 Day
- ❑ 3 Day
- ☒ 5 Day
- ❑ 4 Day
- ❑ 10 Day

Order ID: 48892

Sample

Client ID / Field Point	Lab. No.	Date	Time	Matrix	No. of Containers	GC/MS Methods: EPA 8260B; BTEX ❑, MTBE ❑ TPH Gas ❑ by 8260B; 5 Oxygenates (MTBE, TBA, ETBA, DIPE, TAME) ❑ Lead Scavengers (1,2-DCA & EDB) ❑ Ethanol ❑; Base/Neutral/Acid Organics 8270C ❑ PAH - 8270C SIM ❑; GC Methods: TPH Extractable: Diesel ❑ Motor Oil ❑ Other ❑; Pesticides-8081 ❑ PCBs - 8082 ❑; TPH as Gas/BTEX ❑ MTBE ❑ by 8015M/8020; Methanol by 8015M; General Chemistry: Nitrate, Nitrite, TKN, Total N; pH; Anions: F ❑ Cl ❑ Br ❑ SO4 ❑ NO3 ❑ NO2 ❑ PO4 ❑; pH ❑ TSS ❑ SC ❑ TOC ❑ TRPH ❑ O & G ❑; Metals - Circle Below; Total ❑ Dissolved ❑ STLC ❑ TCLP ❑	Remarks
S-4 - 1 Ft.		4/7/06	001	Soil	1		
S-5 - 1 Ft.			002		1		
S-6 - 1 Ft.			003		1		
S-7 - 1 Ft			004		1		
S-8 - 1 Ft			005		1		
S-9 - 1 Ft.			006		1		
S-10 - 1 Ft.			007		1		
S-11 - 1 Ft.			008		1		
S-12 - 1 Ft.			009		1		
S-13 - 1 Ft.			010		1		
S-14 - 1 Ft.			011		1		

1 Empire Mine Rd.

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	4/10/06	0940
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Special Instructions or Comments

Temp 8° C 6" Steel Tubes

Metals:
Al, As, Sb, Ba, Be, Bi, B, Cd, Ce, Ca, Cr, Co, Cs, Cu, Fe, Pb, Mg, Mn, Ga, Ge, Hg, In, Li, Mo, Ni, P, K, Si, Ag, Na, S, Se, Sr, Ta, Te, Tl, Sn, Ti, Zn, V, W, Zr

- ❑ EDD Report
- ❑ EDF Report
- ❑ Plating
- ❑ LUFT-5
- ❑ RCRA-8
- ❑ PPM-13
- ❑ CAM-17

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G.2 - Phase I Environmental Site Assessment, 2019

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THE RANCH AT ANTIOCH
ANTIOCH, CALIFORNIA

PHASE I ENVIRONMENTAL SITE ASSESSMENT

SUBMITTED TO
Mr. Kyle Masters
Director – Land Entitlements
Richland Communities, Inc.
3000 Lava Ridge Court, Suite 115
Roseville, CA 95661

PREPARED BY
ENGEO Incorporated

July 10, 2019

PROJECT NO.
04371.000.000

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ENGEO
Expect Excellence

Project No.
04371.000.000

July 10, 2019

Mr. Kyle Masters
Director – Land Entitlements
Richland Communities, Inc.
3000 Lava Ridge Court, Suite 115
Roseville, CA 95661

Subject: The Ranch at Antioch
Deer Valley Road
Antioch, California

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Dear Mr. Masters:

ENGEO is pleased to present our phase I environmental site assessment of the subject property (Property), located in Antioch, California. The attached report includes a description of the site assessment activities, along with ENGEO's findings, opinions, and conclusions regarding the Property.

ENGEO has the specific qualifications based on education, training, and experience to assess the nature, history, and setting of the Property, and has developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312 and the American Standard Testing Method (ASTM) Practice E1527-13. We declare that, to the best of our professional knowledge and belief, the responsible charge for this study meets the definition of Environmental Professional as defined in Section 312.10 of 40 CFR Part 312 and ASTM E1527-13.

We are pleased to be of service to you on this project. If you have any questions concerning the contents of our report, please contact us.

Sincerely,

ENGEO Incorporated

Stephen Blakely
sb/sm/jf

Shawn Munger, CHG

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EXECUTIVE SUMMARY

ENGEO conducted a phase I environmental site assessment for the Property located west of Deer Valley Road in Antioch, California (Property). The Property is approximately 553 acres in area and is identified by Assessor's Parcel Numbers (APN) 057-010-002, 057-010-003, and 057-021-003.

The predominantly undeveloped Property consists of sparsely vegetated rolling hills and a relatively level grass-covered valley with occasional groves of trees. Sand Creek is an intermittent, deeply incised creek that traverses across the Property from west to east. Drainage is generally towards Sand Creek, which drains toward the southeast. Several unpaved roads/trails cross the site, and wire fencing borders the Property. Wire fencing also separates interior fields and corrals. The majority of the Property is currently in use for cattle grazing, although an equipment storage area containing various well-drilling equipment is located adjacent to a residential compound.

The residential compound is located in the central area of APN 057-021-003. This area includes a mobile home trailer, two large barns, and several sheds. This area also includes an equipment storage area containing well-drilling supplies and equipment, animal pens and corrals, and various agricultural equipment and supplies. The residence area is accessed from Deer Valley Road via an unpaved road, Snodgrass Lane.

Review of historical records indicates that initial site development predates 1896, where the earliest available topographic map indicates a settlement in the western portion of the Property. This settlement, known as "Judsonville", once existed in APN 057-010-002, east of Empire Mine Road. The remains of this town include a sandstone cave and some evidence of building foundations. A windmill and various water tanks are currently within this area. Two orchards were planted in limited areas of the northwestern portion of APN 057-010-003 and the central portion of APN 057-021-003. The orchard areas are apparent from at least the late 1930s until the 1970s. There is also evidence of dry hay farming occurring on the Property.

In addition to the past settlement and agricultural activities, there are also past activities associated with the Brentwood Oil and Gas Field. Two dry and abandoned gas/oil exploration wells were drilled on the Property in 1962 and 2013. In addition, an inactive/abandoned petroleum product pipeline crosses the Property oriented northwest – southeast. During the site reconnaissance, the petroleum pipeline and evidence of one of the two former oil/gas wells were observed.

This assessment included a review of local, state, tribal, and federal environmental record sources, standard historical sources, aerial photographs, fire insurance maps and physical setting sources. A reconnaissance of the Property was conducted to review site use and current conditions to check for the storage, use, production or disposal of hazardous or potentially hazardous materials and interviews with persons knowledgeable about current and past site use.

The site reconnaissance and records review did not find documentation or physical evidence of significant soil, soil gas, or groundwater impairments associated with the use or past use of the Property. A review of regulatory databases maintained by county, state, tribal, and federal agencies found no documentation of hazardous materials violations or discharge on the Property and did not identify contaminated facilities within the appropriate American Society for Testing and Materials (ASTM) search distances that would reasonably be expected to impact the Property.

Based on the findings of this assessment, one Recognized Environmental Condition (REC), no historical RECs, and no controlled RECs were identified for the Property.

The former dry oil/gas exploration well in the western area of the Property (Well #1) was not abandoned in accordance with current Division Of Oil, Gas And Geothermal Resources (DOGGR) regulations. The well was not completely grouted and cut off to 5 feet below the surface. The well casing was left in place about the surface for use as a water well. This well will require proper abandonment in accordance with current DOGGR regulations.

Based on the review of regulatory databases and site reconnaissance, we present information on features of potential environmental concern that were either contained in the databases or observed on the Property. These features were not considered to be RECs. We briefly discuss each feature below.

- One, apparently inactive, northwest-trending, petroleum product pipeline crosses the western portion on APN 057-021-003 and the northeastern portion of APN 057-010-003.
- A second abandoned oil/gas well site is located south of the residence area (Well #1-8).
- Due to the age of the structures within the former ranch site, lead-based paint, asbestos-containing materials, and/or organochlorine pesticides may be present within the building perimeters.
- Several above-ground storage tanks and drums containing hazardous materials and numerous abandoned or discarded tanks and drums are present on the Property. Previous reports indicate that both above-ground and under-ground storage tanks have been in use on APN 057-021-003 since at least 1965. Although no releases were documented onsite, it is conceivable that contamination may be uncovered upon removal of the storage tanks.
- Two orchards were planted in limited areas of the northwestern portion of APN 057-010-003 and the central portion of APN 057-021-003. The orchard areas are apparent from at least the late 1930s until the 1970s. It is conceivable that detectable concentrations of residual agrichemicals may exist in site soils.

ENGEO has performed a phase I environmental site assessment in general conformance with the scope and limitations of ASTM E1527-13 and the standards and practices of the All Appropriate Inquiry – Final Rule (40 Code of Federal Regulations Part 312). Any exceptions to, or deletions from, this practice are described in Section 5.2 of this report.

ENGEO recommends the following:

<u>Petroleum Product Pipeline</u>

We understand the pipeline will be removed in the future in association with proposed residential site development. A Soil Management Plan (SMP) should be prepared to address potential impacted soil that may be encountered during the pipeline removal.

<u>Former Oil/Gas Wells</u>

Two abandoned oil/gas well exploration sites are located within the Property boundaries. The following is recommended to address the past oil/gas exploration/production activities:

- The former dry oil/gas exploration well in the western area of the Property (Well #1) was not abandoned in accordance with current DOGGR regulations. The well was not completely grouted and cut off to 5 feet below the surface. The well casing was left in place about the surface for use as a water well. This well will require proper abandonment in accordance with current DOGGR regulations.
- Prior to final map approval, the project applicant shall submit to the City of Antioch Engineering Department, for review and approval, plans which show that future inhabited structures will not be located over the two abandoned oil/gas wells. The plans shall be completed in compliance with the DOGGR Construction Site Review Program, which includes guidelines and recommendations for setbacks and mitigation measures for venting systems.
- If grading is proposed proximate to the two abandoned well locations, DOGGR should be consulted to determine if the wells will require modification in casing height. A Soil Management Plan (SMP) should be prepared to address potential impacted soil that may be encountered during grading activities within the area of the two abandoned wells.

Agrichemical Soil Impacts

Two orchards were planted in limited areas of the northwestern portion of APN 057-010-003 and the central portion of APN 057-021-003. The orchard areas are apparent from at least the late 1930s until the 1970s. It is conceivable that detectable concentrations of residual agrichemicals may exist in site soils. A limited agrichemical soil assessment should be conducted within these two areas.

APN 057-021-003 Structure Area

- Perform an asbestos, lead-based paint, and termiticide survey of the structures prior to demolition.
- Prior to site demolition/grading, all noted hazardous material containers and tanks should be removed from the parcel.
- A Soil Management Plan (SMP) should be prepared to address potential impacted soil that may be encountered during grading and demolition activities within the APN 057-021-003 structure, the former UST Area, and the noted debris/fill area.

1.0 INTRODUCTION

1.1 SITE LOCATION AND DESCRIPTION

ENGEO conducted a phase I environmental site assessment for the Property located west of Deer Valley Road in Antioch, California (Figures 1 and 2). The approximately 553-acre Property is identified as APNs 057-010-002, 057-010-003, and 057-021-003 (Table 1.1-1; Figure 3).

TABLE 1.1-1: Project Assessor Parcel Numbers

ASSESSOR'S PARCEL NUMBER	REPORTED ADDRESS	REPORTED OCCUPANT / OWNER	REPORTED ACREAGE
057-021-003	6275 Deer Valley Road	EPC Holdings 820, LLC and American Superior Land, LLC	157.48
057-010-003	Unspecified	EPC Holdings 820, LLC and American Superior Land, LLC	160.0
057-010-002	Unspecified	EPC Holdings 820, LLC and American Superior Land, LLC	236.0

1.2 CURRENT USE OF PROPERTY AND ADJOINING PROPERTIES

The Property is located west of Deer Valley Road in southern Antioch. The Property consists largely of undeveloped land. A residential compound consisting of one mobile home and several auxiliary structures (barns, sheds, and other outbuildings) is located in the eastern portion of the Property, in the central portion of APN 057-021-003. This area also includes an equipment storage area containing well-drilling supplies and equipment, animal pens and corrals, and various agricultural equipment and supplies. The remaining portions of the Property are undeveloped land, consisting of bare soil and vegetation. The Property is currently in use for cattle grazing.

The properties to the north are fully developed with residential subdivisions, and the Kaiser Permanente Antioch Medical Center is located to the east. The surrounding properties to the west and south generally consist of undeveloped land. A few barns and outbuildings are located at a feed lot to the south, and two residences and associated outbuildings are located southeast. The intermittent Sand Creek crosses the Property and flows to the east.

1.3 SITE AND VICINITY CHARACTERISTICS

According to published topographic maps, the Property ranges from relatively flat valley areas to sloping hillsides, and ranges in elevation from approximately 215 feet above mean sea level (msl) in the southeast to approximately 360 feet above msl to the north. Review of the Antioch South and Brentwood quadrangles geologic map (Dibblee and Minch 2006) found that the Property is underlain by unnamed Quaternary alluvium and by the Eocene Markley Sandstone Member of the Kreyenhagen Formation. Quaternary alluvium typically consists of alluvial and fluvial gravel, sand, and clay, and the Markley Sandstone consists of light gray to tan semi friable, bedded, fine- to medium-grained arkosic sand. In the project area, the sandstone strikes west-northwest and dips 20 to 30 degrees to the north.

Geocheck – Physical Setting Source Summary of the Environmental Resources Data report (Appendix A) indicated no Federal United States Geological Survey (USGS) or California State database wells located within 1 mile of the Property. Fifteen State Oil/Gas Wells were reported, although no details relating to shallow groundwater were provided.

We reviewed the Department of Water Resources On-line Water Data Library for depth to water in the vicinity of the Property. The website did not identify any wells within 1 mile of the Property.

We reviewed EnviroStor, a website maintained by the State of California Department of Toxic Substances Control, and GeoTracker, a website maintained by the State of California Water Resources Control Board, for nearby facilities with records that include depth to groundwater measurements. The following information was obtained regarding local groundwater conditions.

TABLE 1.3-1: Local Groundwater Conditions

PROXIMITY TO PROPERTY (miles)	REPORTED DEPTH TO GROUNDWATER (feet)	REPORTED GROUNDWATER FLOW DIRECTION
0.24	18.4 - 26.5	SE
1.5	17.6 - 20	E

The site-specific depth to groundwater and direction of groundwater flow was not determined as part of this assessment. Fluctuations in groundwater levels may occur seasonally and over a period of years due to variations in precipitation, temperature, irrigation and other factors.

We reviewed the Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR) website and map database to determine if any historic oil and/or gas wells were located within the Property. Two dry hole wells were mapped within the Property boundaries, and an additional 52 dry hole and oil/gas wells were mapped within 1 mile of the Property boundaries.

1.4 PURPOSE OF PHASE I ENVIRONMENTAL SITE ASSESSMENT

This assessment was performed at the request of Richland Communities for the purpose of environmental due diligence during Property acquisition. The objective of this phase I environmental site assessment is to identify recognized environmental conditions (RECs) associated with the Property. As defined in the ASTM Standard Practice E1527-13, an REC is "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a Property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment."

1.5 DETAILED SCOPE OF SERVICES

The scope of services performed included the following:

- A review of previous environmental reports prepared for the Property.
- A review of publicly available and practically reviewable standard local, state, tribal, and federal environmental record sources.
- A review of publicly available and practically reviewable standard historical sources, aerial photographs, fire insurance maps and physical setting sources.
- A reconnaissance of the Property to review site use and current conditions. The reconnaissance was conducted to check for the storage, use, production or disposal of hazardous or potentially hazardous materials.
- Interviews with owners/occupants and public sector officials.
- Preparation of this report with our findings, opinions, and conclusions.

1.6 SIGNIFICANT ASSUMPTIONS OR DEVIATIONS FROM ASTM STANDARD PRACTICE

There were no significant deviations from ASTM Standard Practice E1527-13.

1.7 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

The professional staff at ENGEO strives to perform its services in a proper and professional manner with reasonable care and competence but is not infallible. The recommendations and conclusions presented in this report were based on the findings of our study, which were developed solely from the contracted services. The findings of the report are based in part on contracted database research, out-of-house reports and personal communications. The opinions formed by ENGEO are based on the assumed accuracy of the relied upon data in conjunction with our relevant professional experience related to such data interpretation. ENGEO assumes no liability for the validity of the materials relied upon in the preparation of this report.

This document must not be subject to unauthorized reuse; that is, reuse without written authorization of ENGEO. Such authorization is essential because it requires ENGEO to evaluate the document's applicability given new circumstances, not the least of which is passage of time. The findings from a phase I environmental site assessment are valid for one year after completion of the report. Updates of portions of the assessment may be necessary after a period of 180 days after completion.

This phase I environmental site assessment is not intended to represent a complete soil or groundwater characterization, nor define the depth or extent of soil or groundwater contamination. It is intended to provide an evaluation of potential environmental concerns associated with the use of the Property. A more extensive assessment that would include a subsurface exploration with laboratory testing of soil and groundwater samples could provide more definitive information concerning site-specific conditions. If additional assessment activities are considered for the Property and if other entities are retained to provide such services, ENGEO cannot be held responsible for any and all claims arising from or resulting from the performance of such services by other persons or entities. ENGEO can also not be held responsible from any and all claims arising or resulting from clarifications, adjustments, modifications, discrepancies or other changes necessary to reflect changed field or other conditions.

1.8 SPECIAL TERMS AND CONDITIONS

ENGEO has prepared this report for the exclusive use of our client, Richland Communities. It is recognized and agreed that ENGEO has assumed responsibility only for undertaking the study for the client. The responsibility for disclosures or reports to a third party and for remedial or mitigative action shall be solely that of the Client.

Laboratory testing of soil or groundwater samples was not within the scope of the contracted services. The assessment did not include an asbestos survey, an evaluation of lead-based paint, an inspection of light ballasts for polychlorinated biphenyls (PCBs), a radon evaluation, or a mold survey.

This report is based upon field and other conditions discovered at the time of preparation of ENGEO's assessment. Visual observations referenced in this report are intended only to represent conditions at the time of the reconnaissance. ENGEO would not be aware of site

contamination, such as dumping and/or accidental spillage, that occurred subsequent to the reconnaissance conducted by ENGEO personnel.

2.0 RECORDS REVIEW

2.1 PROPERTY RECORDS

2.1.1 Title Report/Ownership

The Title Report lists recorded land title detail, ownership fees, leases, land contracts, easements, liens, deficiencies, and other encumbrances attached to or recorded against a subject property. Laws and regulations pertaining to land trusts vary from state to state and the detail of information presented in a Title Report can vary greatly by jurisdiction. As a result, ENGEO utilizes a Title Report, when provided to us, as a supplement to other historical record sources.

A Preliminary Title Report for the Property, prepared by First American Title Company and dated July 5, 2018, was provided for our review. The Property title is vested in:

EPC HOLDINGS 820, LLC, A WASHINGTON LIMITED LIABILITY COMPANY, AS TO 50% INTEREST, AND AMERICAN SUPERIOR LAND, LLC, A DELAWARE LIMITED LIABILITY COMPANY, AS TO 50% INTEREST

No references to environmental liens, deed restrictions or other potential environmental issues were noted. This report is included in Appendix D.

2.2 PREVIOUS ENVIRONMENTAL REPORTS

ENGEO; Modified Phase One Environmental Site Assessment, Sand Creek Ranch Active Adult Community, Antioch, California; Project No. 4371.4.051.01; July 7, 2006.

ENGEO performed a modified phase I environmental site assessment in 2006 of the greater Sand Creek Ranch Active Adult Community project (approximately 973 acres; APNs 057-010-001, 057-010-002, 057-010-003, 057-010-004, 057-021-003, and 057-060-006) that included the entirety of the subject Property. This assessment identified two RECs on the Property, an underground fuel storage tank (UST), and a petroleum product pipeline. In addition to the identified RECs, the assessment identified several notable site features associated with past and present Property usage. The assessment made recommendations regarding those RECs and site features, as noted below.

- The location of the suspected UST on APN 057-060-006 could not be adequately investigated with the limited scope of the assessment. ENGEO identified this UST as a REC and recommended additional investigation of the UST. This suspected UST is not within the current boundaries of the Property, and will not be addressed further in this assessment.
- The northwest-trending petroleum product pipeline that crosses APNs 057-021-003 and 057-010-003 was identified as a REC. ENGEO noted that similar pipelines (both operational and abandoned) have been associated with petroleum releases, and recommended subsurface exploration along the pipeline easement to better identify and potential impacts.
- Two water supply wells were identified on the Property. ENGEO recommended that they be abandoned in an appropriate manner.

- Several above-ground storage tanks (AST) were reported to be on the Property. None of those ASTs were identified as RECs, and no mitigation measures were recommended at the time of the assessment.
- Several drums and containers were reported to be on the Property, including those containing petroleum products or potentially hazardous materials.
- The assessment indicated that some of the structures could conceivably contain asbestos-containing materials (ACM).

The modified phase I environmental site assessment included the collection and laboratory analysis of 18 soil samples and one groundwater sample to evaluate the potential for hydrocarbon and nitrate releases on the Property at select locations. Soil samples were collected from the livestock pens on APN 057-060-006 and from AST and UST locations on 057-021-003, and a groundwater sample was collected from APN 057-021-003. The livestock pens on APN 057-060-006 are not within the current boundaries of the Property, and therefore, the samples collected from them will not be addressed further in this assessment. The results of the pertinent analytical lab results are summarized below.

TABLE 2.2-1: Soil Samples Collected from AST and UST Locations

TEST	RESULT RANGE
Gasoline	Non-detect
Diesel	Non-detect to 49 mg/kg
Motor Oil	Non-detect to 34 mg/kg
BTEX Compounds	Non-detect

The above-reported concentrations were below the accepted action levels for diesel and motor oil at the time of the assessment.

Laboratory testing of the groundwater sample found low concentrations of TKN at 0.17 milligram per liter (mg/l) and Nitrate/Nitrite as N at 0.59 mg/l, which were below California maximum contaminant levels (MCLs) for drinking water at the time of the assessment. The pH of the groundwater was 7.8.

2.3 HISTORICAL RECORD SOURCES

The purpose of the historical record review is to develop a history of the previous uses or occupancies of the Property and surrounding area in order to identify those uses or occupancies that are likely to have led to recognized environmental conditions on the Property.

2.3.1 Historical Topographic Maps

Historical USGS topographic maps were reviewed to determine if discernible changes in topography or improvements pertaining to the Property had been recorded. The following maps were provided to us through an EDR Historical Topographic Map Report, presented in Appendix~C.

TABLE 2.3.1-1: Historical Topographic Maps

QUAD	YEAR	DESCRIPTION
Mt. Diablo	1896-1898	Property: An east-west aligned intermittent stream is mapped across the Property. A roughly north-south aligned railroad and similarly aligned roadway are mapped at the far western edge of the Property. A dirt road aligned roughly northeast-southwest is shown crossing the Property. Eight structures are mapped in the western portion of the Property, adjacent to the north-south aligned road. Adjoining: The railroad in the western portion of the Property continues north from the northern Property boundary and to the west from the western Property boundary. A north-south aligned road is mapped adjacent to the eastern Property boundary. The community of West Hartley is denoted southwest of the Property. A structure is mapped near the southeastern Property boundary.
Mt. Diablo	1912-1943	Property: The railroad is not mapped. Structures in the western portion of the Property are not depicted. Dirt roads in the eastern portion of the Property are mapped. Two structures are shown in the eastern portion of the Property Adjoining: The railroad is not mapped. The community of West Hartley is not shown. The structure near the southeastern Property boundary is not mapped. One structure is denoted west of the Property.
Lone Tree Valley	1916	Property: The intermittent stream crossing the Property is mapped as “Sand Creek”. One structure is mapped in the western portion of the Property. One structure is denoted in the eastern portion of the Property. Adjoining: One structure is mapped southeast of the Property.
Antioch South	1953-1980	Property: The roughly north-south aligned roadway in the western portion of the Property is mapped as “Empire Mine Road”. An orchard is denoted in the north-central area of the Property. Four structures are mapped in the eastern portion of the Property. Adjoining: The north-south aligned road adjacent to the eastern Property boundary is labeled as “Deer Valley Road”. A pond is mapped south of the Property. Several structures are shown west of the Property. Several structures are mapped south and southeast of the Property. West Hartley (Site) and “Coal Mine Tunnels” are shown southwest of the Property.
Antioch South	2012	Property: Structures are not mapped. Several unnamed roads cross the site generally aligned northwest-southeast or east-west. Adjoining: Many roads are mapped north of the Property. A few roads are shown east of the Property.

2.3.2 Aerial Photographs

The following aerial photographs, provided by EDR, were reviewed for information regarding past conditions and land use at the Property and in the immediate vicinity. These photographs are presented in Appendix E.

TABLE 2.3.2-1: Aerial Photographs

YEAR	DESCRIPTION
1939	Property: A roughly north-south aligned roadway is shown at the western boundary of the Property. A row of trees appears east of and adjacent to the road. Dirt roads and fence lines are apparent, mostly occurring at parcel boundaries. A lineation suggestive of the northwest-aligned buried pipeline is visible crossing the northeast corner of APN 057-010-003 and the southwest corner of APN 057-021-003. Several structures are shown in the southwest center of APN 057-021-003 and structures or livestock pens are shown in the southwest corner of APN 057-021-003. An orchard appears south of the structures in the southern portion of APN 057-021-003. The majority of the rest of the Property appears to be in use as rangeland and dry hay farming. Adjoining: A roadway oriented roughly north-south is shown adjacent to and east of the Property. A double row of trees is shown southeast of the Property. Structures are shown south of APN 057-021-003. A structure and two ponds are shown north of the northeast corner of the Property. Adjoining properties appear undeveloped or in use for agriculture.
1949-1950	Property: An orchard is shown in the northern portion of APN 057-010-003. Adjoining: The surrounding area appears unchanged from previous photographs.
1959-1968	Property: The orchard in APN 057-021-003 appears to be gone. Adjoining: A structure is shown adjacent to the eastern Property boundary.
1974	Property: A dirt road and bridge crossing Sand Creek are shown in the easternmost portion of APN 057-010-003. What appears to be a well pad is shown in the center of APN 057-010-003. Adjoining: The structures south of APN 057-021-003 are no longer shown. A pond is shown south of APN 057-010-003.
1982-1987	Property: Additional structures are shown in the central portion of APN 057-021-003. It appears an unnamed intermittent wash was dammed in the northern portion of APN 057-010-002. The orchard in APN 057-010-003 appears to be gone. Adjoining: The surrounding area appears unchanged from previous photographs.
1993	Property: The area appears unchanged from previous photographs. Adjoining: Mass grading and residential development appear north of APNs 057-021-003 and 057-010-003. The large pond south of APN 057-010-003 no longer appears.
1998	Property: A pond is shown upstream of the dammed intermittent wash in APN 057-010-002 Adjoining: Mass grading and residential development north of the Property are shown to be significantly expanded.

YEAR	DESCRIPTION
2005-2016	Property: The area appears unchanged from previous photographs. Adjoining: The areas north of the Property appear fully developed with residential structures.

2.3.3 Fire Insurance Maps

EDR prepared a Sanborn Fire insurance map search for the Property and surrounding properties. EDR reported that no maps were available for the Property and surrounding properties. The Sanborn Map Report is presented in Appendix B.

2.3.4 City Directory

City Directories, published since the 18th century for major towns and cities, list the name of the resident or business associated with each address. A city directory search conducted by EDR is located in Appendix F.

TABLE 2.3.4-1: City Directory

YEAR	LISTINGS
2000	6275 Deer Valley Road – Edward D DeJesus
2005	6275 Deer Valley Road – Edward D DeJesus
2010	6275 Deer Valley Road – Edward D DeJesus
2014	6275 Deer Valley Road – Edward D DeJesus

2.4 ENVIRONMENTAL RECORD SOURCES

EDR performed a search of federal, tribal, state, and local databases regarding the Property and nearby properties. Details regarding the databases searched by EDR are provided in Appendix A. A list of the facilities documented by EDR within the approximate minimum search distance of the Property is provided below.

2.4.1 Standard Environmental Records

2.4.1.1 Subject Property

The Property is not listed on the Standard Environmental Record source databases.

2.4.1.2 Other Properties

The following databases include facilities listed within the appropriate ASTM search distances of the Property on Standard Environmental Records sources.

TABLE 2.4.1.2-1

FACILITY	STREET	DATABASES
Kaiser Antioch Medical Center	4501 Sand Creek Road	RCRA-LQG, UST,
OXY Prewett Brentwood Oil and Gas Field	5400 Mojave Way	CPS-SLIC

FACILITY	STREET	DATABASES
North American Elementary School	Mokolumne Drive / Prewett Ranch Drive	ENVIROSTOR
Dallas Ranch Booster Pump Station	5001 Dallas Ranch Road	UST
Longs Drug Store #820	5065 Deer Valley Road	UST
Dallas Ranch Middle School	1401 Mount Hamilton Drive	ENVIROSTOR

2.4.2 Additional Environmental Records

2.4.2.1 Subject Property

The Property is not listed on the Additional Environmental Record source databases.

2.4.2.2 Other Properties

The following databases include facilities listed within the appropriate ASTM search distances of the Property on the Additional Environmental Record sources.

TABLE 2.4.2.2-1

FACILITY	STREET	DATABASES
BBS Trucking	2496 Mammoth Way	RCRA NonGen / NLR, FINDS, ECHO
Kaiser Antioch Medical Center	4501 Sand Creek Road	CERS HAZ WASTE, CERS TANKS, CHMIRS, FINDS, ECHO, EMI
Ramon Lechuga	4308 Deer Hill Lane	RCRA NonGen / NLR, FINDS, ECHO
North American Elementary School	Mokolumne Drive / Prewett Ranch Drive	SCH
Verizon Wireless	5201 Deer Valley Road	EMI
Sloan McDonald & Roberto DeLosa, DDS	5201 Deer Valley Road	RCRA NonGen / NLR
Amita K Suvarna PC da First Place Dentistry	5201 Deer Valley Road	RCRA NonGen / NLR
Antioch Veterinary Hospital	5151 Deer Valley Road	CERS HAZ WASTE, RCRA NonGen / NLR
Longs Drug Store #820	5065 Deer Valley Road	CERS TANKS
Dallas Ranch Middle School	1401 Mount Hamilton Drive	SCH

Based on the distances to the identified database sites, regional topographic gradient, and the EDR findings, it is unlikely that the above-stated database sites pose an environmental risk to the Property. Properties that are on the “Orphan Summary” list are listed below.

TABLE 2.4.2.2-2

FACILITY	STREET	DATABASES
Empire Mine Road	Empire Mine Road	CDL
Venturini Lease Site (Brentwood Oil & Gas Field)	Deer Valley Road and Lone Tree Way	CPS-SLIC

FACILITY	STREET	DATABASES
OXY USA Inc. (Brentwood Oil & Gas Field) 11 Closed Petroleum	Deer Valley Road and Lone Tree Way	CPS-SLIC
Cowell Ranch/Vineyards at Marsh Creek	Marsh Creek Road / Concord Avenue	CPS-SLIC

2.5 REGULATORY AGENCY FILES AND RECORDS

The following agencies were contacted pertaining to possible past development and/or activity at the Property.

TABLE 2.5-1: Regulatory Agency Records

NAME OF AGENCY	RECORDS REVIEWED
City of Antioch Building and Planning Departments	We contacted the City of Antioch Planning Department for information related to the Property. We received two return emails from City Planners, who informed us that the City Planning Department had no relevant records or permits regarding the Property.
Contra Costa County Department of Conservation and Development	We contacted the Contra Costa County Department of Conservation and Development Records Division and submitted a Records Research Request Form for the subject Property. We received an email response stating that the Department had no relevant records or permits regarding the Property.
Contra Costa County Department of Health Services Hazardous Materials Program	We contacted the Contra Costa County Department of Health Services Hazardous Materials Program and submitted a Public Records Request Form for the subject Property. We received a return email stating that the Department had no relevant records or permits regarding the Property.
Contra Costa County Fire Protection District	We contacted the Contra Costa County Fire Protection District for information related to the Property. We received a return call from Ryan Bain, who informed us that the District had no records regarding the Property.
Contra Costa County Assessor's Office	The Assessor's Office online database was used to confirm the Assessor's Parcel Number and physical address for the Property.
California State Water Resources Control Board	The California Regional Water Quality Control Board's online database, GeoTracker, was reviewed for files relating to the Property. No listings are documented for the Property.
Department of Toxic Substances Control	The Department of Toxic Substances Control's online database, EnviroStor, was reviewed for files pertaining to the Property. No files are documented for the Property.
California Environmental Protection Agency	We reviewed the California Environmental Protection Agency's Regulated Site Portal. The Portal combines data from a variety of state and federal databases and provides an overview of regulated activities across the spectrum of environmental programs. No listings were identified with the Property.

2.6 DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES (DOGGR)

Records reviewed on the DOGGR web site provided the following information regarding the two abandoned oil/gas wells:

TABLE 2.6-1: DOGGR Records

WELL #	STATUS/TYPE	DEPTH (FT)	DATE DRILLED	DATE ABANDONED	SEAL (DEPTH BGS FT)
1	Dry Plugged/Abandoned	9030	1962	1963	1575
1-8	Dry Plugged/Abandoned	5200	2013	2013	590

It should be noted that the 1963 Well #1 is not abandoned in accordance with current DOGGR regulations. The well was not completely grouted and cut off to 5 feet below the surface. The well casing was left in place above the surface for use as a water well (Figure 4C, Photo 13). This well will require proper abandonment in accordance with current DOGGR regulations.

3.0 SITE RECONNAISSANCE

3.1 METHODOLOGY

ENGEO conducted a reconnaissance of the Property on July 2, 2019. The reconnaissance was performed by Stephen Blakely, a Staff Geologist of ENGEO. The Property was viewed for hazardous materials storage, superficial staining or discoloration, debris, stressed vegetation, or other conditions that may be indicative of potential sources of soil or groundwater contamination. The Property was also checked for evidence of fill/ventilation pipes, ground subsidence, or other evidence of existing or preexisting underground storage tanks. Photographs taken during the site reconnaissance are presented in Figure 4.

We did not view the interior of the occupied mobile home trailer during the site reconnaissance.

3.2 GENERAL SITE SETTING

The predominantly undeveloped Property consists of sparsely vegetated rolling hills and a relatively flat grass-covered valley with occasional groves of trees. Sand Creek is an intermittent, deeply incised creek that drains through the Property from west to east. Drainage is generally towards Sand Creek. Several unpaved roads/trails cross the site. Wire fencing borders that Property and separates fields. The majority of the site is currently in use for cattle grazing, although an equipment storage area containing various well drilling equipment is located adjacent to the mobile home.

There is one active residence on the Property located in the central area of APN 057-021-003. The residence consists of a mobile home trailer, two large barns, and several sheds. Also in the vicinity of the residence is an apparent equipment storage area containing well drilling supplies and equipment, animal pens and corals, and a various agricultural equipment and supplies. The residence is accessed from Deer Valley Road, via an unpaved road, Snodgrass Lane.

A settlement known as “Judsonville” once existed in APN 057-010-002, east of Empire Mine Road. The remains of this town include a wind mill, various water tanks, a sandstone cave, and some evidence of building foundations. In the mid- to late-1900s, orchards were planted in the northwestern portion of APN 057-010-003 and the central portion of APN 057-021-003. There is also evidence of dry hay farming occurring on the Property in historical aerial photos. In addition to the Property’s past settlement and agricultural activities, there are also past activities tied to the Brentwood Oil and Gas Field. At least two exploration wells have been drilled on the Property

from 1962 to as recent as 2013, and a petroleum product pipeline crosses the Property oriented northwest – southeast. During the site reconnaissance, the petroleum pipeline and evidence of one of the two reported oil/gas wells were observed.

The adjoining properties located north of the Property are currently developed as residential subdivisions. The Kaiser Permanente Antioch Medical Center borders the Property to the east, across Deer Valley Road at 4501 Sand Creek Road. The adjoining properties located to the west and south of the Property remain largely undeveloped.

3.3 EXTERIOR OBSERVATIONS

The following table summarizes our observations during the reconnaissance:

TABLE 3.3-1: Exterior Site Observations

FEATURE TYPE	OBSERVATIONS
Structures	Several structures were observed during the site reconnaissance. An occupied mobile home trailer, two large barns, and several sheds were located in the central portion of APN 057-021-002. A steel and wood beam bridge crossing Sand Creek was located approximately 1,050 feet west of the residence. At the former location of the "Judsonville" settlement on APN 057-010-002, a windmill and several remnants of building foundations were observed.
Hazardous Substances and Petroleum Products/Containers	Numerous petroleum products containers, as well as welding tanks, were observed at the site of the residence and equipment yard on APN -57-021-003. They appeared to be associated with farming and well drilling. One northwest trending apparent petroleum product pipeline crosses APNs 057-021-003 and 057-010-003, and was observed exposed in the Sand Creek northeast bank located southwest of the large barn on APN 057-021-003. No significant evidence of spills or leaks were observed during site reconnaissance.
Storage Tanks (underground and above-ground)	Numerous above-ground storage tanks (AST) were observed during site reconnaissance. A residential propane tank appeared to be currently in use at the residence on APN 057-021-003. Also on APN 057-021-003, several empty, conventional style ASTs were located around the residence and in the equipment storage yard. Two trailer-mounted diesel ASTs and one trailer-mounted agricultural AST were observed near the larger of the two barns. Within the equipment yard, an apparently empty tanker trailer was observed. Many unused and discarded tanks, including residential propane tanks, diesel tanks, and air-gas tanks. On APN 057-010-002, a large steel AST was connected to a livestock watering system. Previous reports indicated that an underground-storage tank (UST) was previously located on APN 057-021-003. No evidence of additional USTs was observed during site reconnaissance.
Odors	No odors were detected on the Property during the site reconnaissance.
Pools of Potentially Hazardous Liquid	No pools of potentially hazardous liquid were observed on the Property during the site reconnaissance.
Drums	Several drums were observed in the vicinity of the residence and equipment storage area on APN 057-021-003.

FEATURE TYPE	OBSERVATIONS
Polychlorinated Biphenyls (PCBs)	A pole-mounted transformer was observed within the Property at the residence on APN 057-021-003. No evidence of leakage from the unit was noted.
Pits, Ponds, and Lagoons	During site reconnaissance, two ponds were observed on the Property. On pond was located in the northeastern portion of APN 057-010-002 and was contained by a small earthen dam; the other was within a depression in the dry Sand Creek channel just east of the Empire Mine Road culvert. Both ponds appear to be livestock ponds.
Stained Soil/Pavement	No stained soil or pavement was observed on the Property during the site reconnaissance.
Stressed Vegetation	No stressed vegetation was observed on the Property during the site reconnaissance.
Solid Waste/Debris	Multiple solid waste piles were observed on the Property at the time of reconnaissance. At APN 057-021-003, three large piles of wood, metal, and wire were located west of the residence and south of the unpaved east-west road. Also at APN 057-021-003, equipment and vehicle parts, used supplies, and general debris were strewn about or in piles around the barns, and in the equipment storage area. At APN 057-010-002, at the former location of the “Judsonville” settlement, piles of wood were infilling old foundations, and some scattered debris was strewn along the fence line with Empire Mine Road.
Stockpiles/Fill Material	Fill material was observed at the earthen dam in the northeastern area of APN 057-010-002. The foundations of the “Judsonville” settlement also appear to have been filled in with soil and debris.
Wastewater	No wastewater systems were observed on the Property during the site reconnaissance.
Wells	Several wells were observed on the Property. A well, which was in operation at the time of site reconnaissance, was located east of the mobile home on APN 057-021-003. Additionally, the resident of the site informed us that a cistern and abandoned well was located further east of the residence, and had been filled in and buried with debris and soil. A third apparently abandoned well was observed south of the residence. A second possibly functional water well was observed beneath the windmill at APN 057-010-002. No record of the water wells was found during our records search. According to the California Department of Conservation’s Division of Oil, Gas, and Geothermal Resources online application, two “Dry Hole” wells were drilled on the Property. During site reconnaissance one of these wells was observed in the center of APN 057-010-003 (see section 2.6).
Septic Systems	No evidence of septic systems were observed on the Property during the site reconnaissance. However, previous reports indicate that septic systems, whether operational or not, likely exist in the area of buildings on APN 057-021-003.

3.4 INTERIOR OBSERVATIONS

We were unable to observe the interior of some of structures present on the site due to inaccessibility or safety issues. The interior of the barn located west of the mobile home on APN 057-021-003 housed livestock and livestock feed and supplies at the time of the site reconnaissance. The barn southwest of the mobile home appeared to contain a various array of farming, ranching, and drilling feed, supplies, and equipment. Numerous storage tanks, bags, sacks, and other containers were observed in this structure at the time of site reconnaissance.

3.5 ASBESTOS-CONTAINING MATERIALS AND LEAD-BASED PAINT

An asbestos and lead-based paint survey was not conducted as part of this assessment. Given the age of the existing structures, it is possible that asbestos-containing materials and lead-based paint materials may exist within the structures.

3.6 INDOOR AIR QUALITY

An evaluation of indoor air quality, mold, or radon was not included as part of the contracted scope of services. The California Department of Health Services has conducted studies of radon risks throughout the state, sorted by zip code. Results of the studies indicate that 2 tests were conducted within the Property zip code, with no tests exceeding the current EPA action level of 4~picocuries per liter {pCi/L}[1]).

In accordance with ASTM E2600-15 (Tier 1) (*Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*), there are no potential petroleum hydrocarbon sources for vapor intrusion within 1/10 mile of the Property or volatile organic compound (VOCs) sources within 1/3 mile of the Property. The existing petroleum pipeline poses a potential vapor intrusion risk.

4.0 INTERVIEWS

Mr. Kyle Masters completed an environmental site assessment questionnaire pertaining to applicable past and present uses and physical characteristics of the Property and surrounding properties. In the questionnaire, Mr. Masters did not identify potential environmentally related issues with the Property. The questionnaire is presented in its entirety in Appendix G.

An interview with Mrs. Cambria Dejesus, the resident of APN 057-021-003, was conducted on July 2, 2019. Mrs. Dejesus stated that she has been familiar with the Property for decades, and her family has farmed the Property for over 50 years. Mrs. Dejesus directed me to several areas of potential interest on the Property, including the location of the former “Judsonville” settlement. At this location, I was told I would find one of two former caves, and several basement foundations that had been filled with debris and soil over the years. The second cave was destroyed some time ago by blasting. Mrs. Dejesus told me a cistern was filled with debris and buried east of the residence, and that several debris piles could be found west of the residence. Mrs. Dejesus also discussed the pipeline and wells crossing the Property, and described pumpjacks in operation in the area. She was unaware of any hazardous material releases on the Property.

[1] California Department of Public Health – Radon Program– (https://www.cdph.ca.gov/Programs/CEH/DRSEM/CDPH%20Document%20Library/EMB/Radon/Radon%20Test%20Results.pdf).

5.0 EVALUATION

5.1 OPINIONS AND DATA GAPS

It is our opinion that the findings of this study are based on a sufficient level of information obtained during our contracted scope of services to render a conclusion as to whether additional appropriate investigation is required to identify the presence or likely presence of a REC.

- Access to the interior building areas was not provided.

The data gaps identified during this process do not affect the conclusions as to the presence or lack of presence of RECs at the Property.

5.2 FINDINGS AND CONCLUSIONS

The study included a review of local, state and federal environmental record sources, standard historical sources, aerial photographs, fire insurance maps and physical setting sources; a reconnaissance of the Property to review site use and current conditions to check for the storage, use, production or disposal of hazardous or potentially hazardous materials; and interview with persons knowledgeable about current and past site use.

The site reconnaissance and records review did not find documentation or physical evidence of significant soil, soil gas, or groundwater impairments associated with the use or past use of the Property. A review of regulatory databases maintained by county, state, tribal, and federal agencies found no documentation of hazardous materials violations or discharge on the Property and did not identify contaminated facilities within the appropriate American Society for Testing and Materials (ASTM) search distances that would reasonably be expected to impact the Property.

Based on the findings of this assessment, one Recognized Environmental Condition (REC), no historical RECs, and no controlled RECs were identified for the Property.

The former dry oil/gas exploration well in the western area of the Property (Well #1) was not abandoned in accordance with current DOGGR regulations. The well was not completely grouted and cut off to 5 feet below the surface. The well casing was left in place at about the surface for use as a water well. This well will require proper abandonment in accordance with current DOGGR regulations.

Based on the review of regulatory databases and site reconnaissance, we present information on features of potential environmental concern that were either contained in the databases or observed on the Property. These features were not considered to be RECs. We briefly discuss each feature below.

- One, apparently inactive, northwest-trending, petroleum product pipeline crosses the western portion on APN 057-021-003 and the northeastern portion of APN 057-010-003.
- A second abandoned oil/gas well site is located south of the residence area (Well #1-8).
- Due to the age of the structures within the former ranch site, lead-based paint, asbestos-containing materials, and/or organochlorine pesticides may be present within the building perimeters.

- Several above-ground storage tanks and drums containing hazardous materials and numerous abandoned or discarded tanks and drums are present on the Property. Previous reports indicate that both above-ground and under-ground storage tanks have been in use on APN 057-021-003 since at least 1965. Although no releases were documented onsite, it is conceivable that contamination may be uncovered upon removal of the storage tanks.
- Two orchards were planted in limited areas of the northwestern portion of APN 057-010-003 and the central portion of APN 057-021-003. The orchard areas are apparent from at least the late 1930s until the 1970s. It is conceivable that detectable concentrations of residual agrichemicals may exist in site soils.

ENGEO has performed a phase I environmental site assessment in general conformance with the scope and limitations of ASTM E1527-13 and the standards and practices of the All Appropriate Inquiry – Final Rule (40 Code of Federal Regulations Part 312). Any exceptions to, or deletions from, this practice are described in Section 5.2 of this report.

ENGEO recommends the following:

Petroleum Product Pipeline

We understand the pipeline will be removed in the future in association with proposed residential site development. A Soil Management Plan (SMP) should be prepared to address potential impacted soil that may be encountered during the pipeline removal.

Former Oil/Gas Wells

Two abandoned oil/gas well exploration sites are located within the Property boundaries. The following is recommended to address the past oil/gas exploration/production activities:

- The former dry oil/gas exploration well in the western area of the Property (Well #1) was not abandoned in accordance with current DOGGR regulations. The well was not completely grouted and cut off to 5 feet below the surface. The well casing was left in place about the surface for use as a water well. This well will require proper abandonment in accordance with current DOGGR regulations.

- Prior to final map approval, the project applicant shall submit to the City of Antioch Engineering Department, for review and approval, plans which show that future inhabited structures will not be located over the two abandoned oil/gas wells. The plans shall be completed in compliance with the Division Of Oil, Gas And Geothermal Resources (DOGGR) Construction Site Review Program, which includes guidelines and recommendations for setbacks and mitigation measures for venting systems.
- If grading is proposed proximate to the two abandoned well locations, DOGGR should be consulted to determine if the wells will require modification in casing height. A Soil Management Plan (SMP) should be prepared to address potential impacted soil that may be encountered during grading activities within the area of the two abandoned wells.

Agrichemical Soil Impacts

Two orchards were planted in limited areas of the northwestern portion of APN 057-010-003 and the central portion of APN 057-021-003. The orchard areas are apparent from at least the late

1930s until the 1970s. It is conceivable that detectable concentrations of residual agrichemicals may exist in site soils. A limited agrichemical soil assessment should be conducted within these two areas.

APN 057-021-003 Structure Area

- Perform an asbestos, lead-based paint, and termiticide survey of the structures prior to demolition.
- Prior to site demolition/grading, all noted hazardous material containers and tanks should be removed from the parcel.
- A Soil Management Plan (SMP) should be prepared to address potential impacted soil that may be encountered during grading and demolition activities within the APN 057-021-003 structure, the former UST Area, and the noted debris/fill area.

SELECTED REFERENCES

California Department of Conservation (DOGGR) (http://maps.conservation.ca.gov/doms/doms-app.html)

California Department of Public Health – Radon Program– (https://www.cdph.ca.gov/Programs/CEH/DRSEM/CDPH%20Document%20Library/EMB/Radon/Radon%20Test%20Results.pdf).

California Department of Water Resources (http://www.water.ca.gov/waterdatalibrary/)

Dibblee, T.W., and Minch, J.A., 2006, Geologic map of the Antioch South & Brentwood Quadrangles, Contra Costa County, California, Dibblee Foundation Map DF-193, scale 1:24,000.

ENGEO, Modified Phase One Environmental Site Assessment, Sand Creek Ranch Active Adult Community, Antioch, California, July 7, 2006, Project No. 4371.4.051.01.

Google Maps (http://maps.google.com)

FIGURES

FIGURE 1: Vicinity Map
FIGURE 2: Site Plan
FIGURE 3: Assessor's Parcel Number Map
FIGURE 4: Site Photographs

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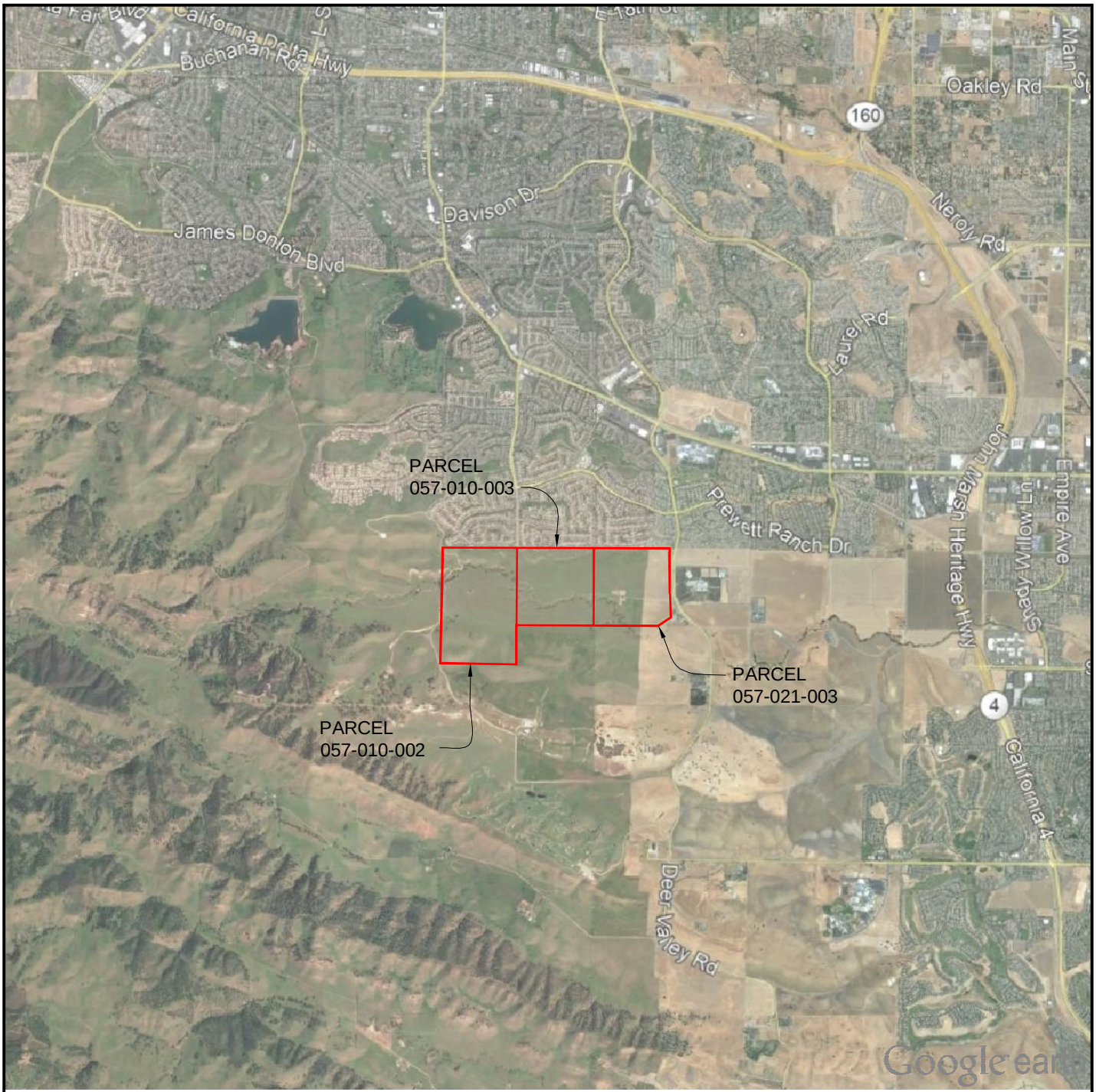

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BASE MAP SOURCE: GOOGLE EARTH MAPPING SERVICE

ENGEO
Expect Excellence

VICINITY MAP
THE RANCH AT ANTIOCH
ANTIOCH, CALIFORNIA

PROJECT NO.: 4371.000.000	FIGURE NO. 1
SCALE: AS SHOWN	
DRAWN BY: SPPE	CHECKED BY: SDH

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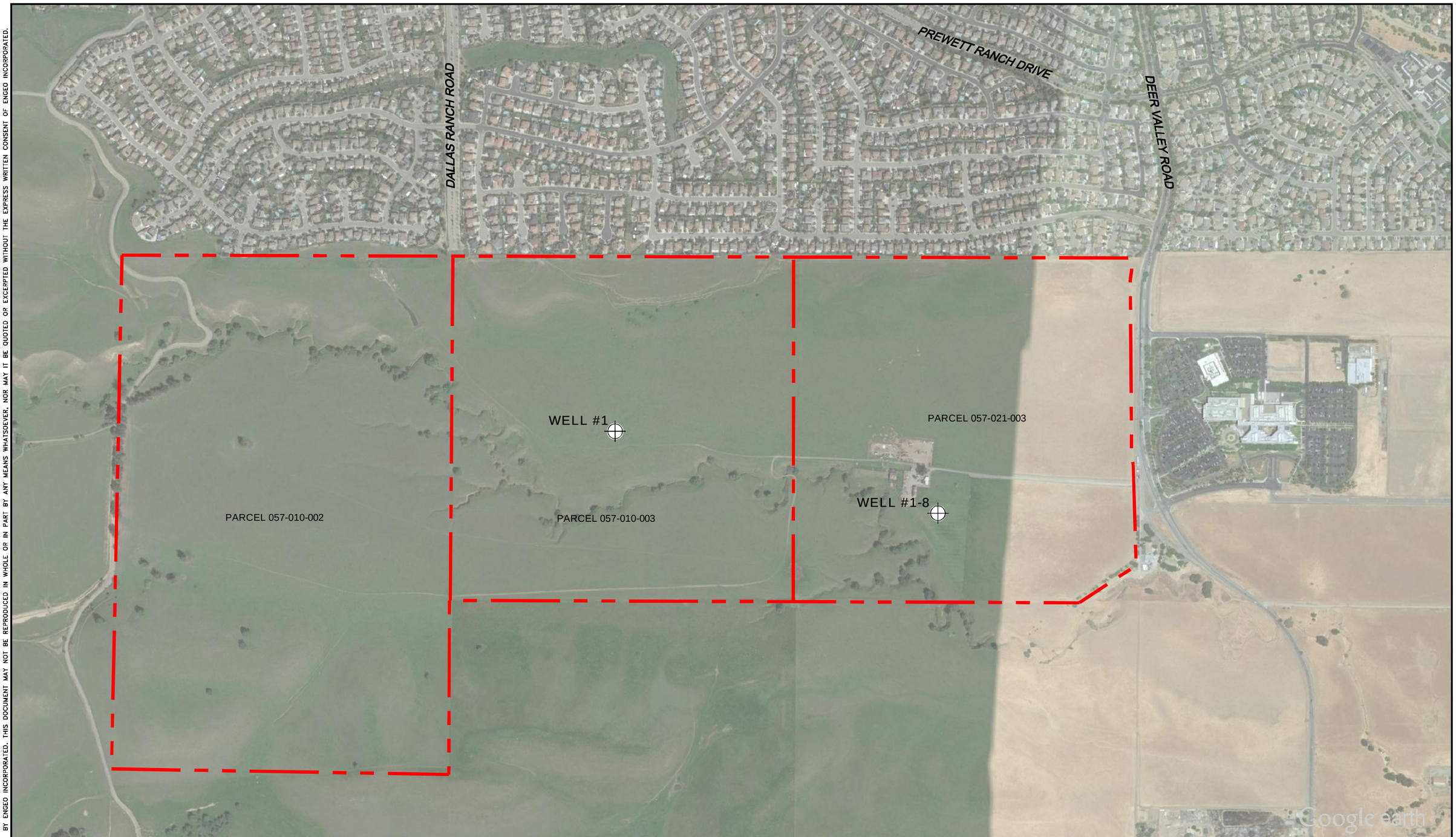

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EXPLANATION

ALL LOCATIONS ARE APPROXIMATE

0401320380 DOGGR IDENTIFICATION NUMBER

BASE MAP SOURCE: GOOGLE EARTH MAPPING SERVICE

ENGEO Expect Excellence

SITE PLAN
THE RANCH AT ANTIOCH
ANTIOCH, CALIFORNIA

PROJECT NO.: 4371.000.000		FIGURE NO. 2
SCALE: AS SHOWN		
DRAWN BY: SPPE	CHECKED BY: SDH	

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SEC. 7 T1N R2E M.D.B.&M.

TAX CODE AREA

PB 55

1/2 M/Rs.
396.00Ac.

2551.36

2640

PARCEL 057-010-002

PARCEL 057-010-003

PARCEL 057-021-003

010

02
236.0Ac.

03
160.0Ac.

04
160.0Ac.

01

2

4

6 5
7 8

PB 55

DEER VALLEY RD

SAND CREEK RD

SNODGRASS LN

"A" 13 34.250Ac.

"A" 19 6.145Ac.

20 7.19Ac.

21 35.036Ac.

022

"B"

"C"

"D" 10 25.23Ac.

"D" 05 38.23Ac.

04

TO PAGE 4

NOTE: FOR MINERAL RIGHTS ON THIS PAGE SEE BK19 PG22

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BASE MAP SOURCE: COUNTY ASSESSOR'S OFFICE

ENGEO Expect Excellence

ASSESSOR'S PARCEL MAP
THE RANCH AT ANTIOCH
ANTIOCH, CALIFORNIA

PROJECT NO.: 4371.000.000
SCALE: AS SHOWN
DRAWN BY: SPPE CHECKED BY: SDH

FIGURE NO. 3

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ABOVE-GROUND STORAGE TANK ON APN 057-021-003

ABOVE-GROUND STORAGE TANK ON APN 057-021-003

ABOVE-GROUND STORAGE TANKS ON APN 057-010-002

ABOVE-GROUND STORAGE TANKS ON APN 057-021-003

CATTLE POND ON APN 057-002 LOOKING NORTH

CATTLE POND ON APN 057-010-002

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SITE PHOTOGRAPHS

THE RANCH AT ANTIOCH

ANTIOCH, CALIFORNIA

PROJECT NO.: 4371.000.000	FIGURE NO. 4A
SCALE: NO SCALE	
DRAWN BY: SPPE	CHECKED BY: SDH

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ORIGINAL FIGURE PRINTED IN COLOR

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DEBRIS IN A FOUNDATION PIT ON APN 057-010-002

DEBRIS PILE ON APN 057-010-003 LOOKING EAST

DEBRIS PILE ON APN 057-021-003

DRUMS AND ENGINES ON APN 057-021-003

DRUMS AND STORAGE CONTAINER ON APN 057-021-003

DRUMS ON APN 057-021-003

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SITE PHOTOGRAPHS
THE RANCH AT ANTIOCH
ANTIOCH, CALIFORNIA

PROJECT NO.: 4371.000.000
SCALE: NO SCALE
DRAWN BY: SPPE
CHECKED BY: SDH

FIGURE NO. 4B

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ABANDONED OIL/GAS WELL #1 ON APN 057-010-003

PETROLEUM PIPELINE ON APN 057-021-003 LOOKING SOUTHEAST

STORAGE TANKS ON APN 057-021-003

TANKER TRAILER AND DRUM ON APN 057-021-003

UNIDENTIFIED WELL ON APN 057-021-003

WINDMILL AND WATER WELL ON APN 057-010-002

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SITE PHOTOGRAPHS

THE RANCH AT ANTIOCH

ANTIOCH, CALIFORNIA

PROJECT NO.: 4371.000.000	FIGURE NO. 4C
SCALE: NO SCALE	
DRAWN BY: SPPE	CHECKED BY: SDH

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ORIGINAL FIGURE PRINTED IN COLOR

APPENDIX A

ENVIRONMENTAL DATA RESOURCES, INC.

Radius Map Report

The Ranch At Antioch
Deer Valley Road
Antioch, CA 94531

Inquiry Number: 05703189.2r
June 28, 2019

The EDR Radius Map™ Report with GeoCheck®

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

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

DEER VALLEY ROAD
ANTIOCH, CA 94531

COORDINATES

Latitude (North):	37.9484640 - 37° 56' 54.47''
Longitude (West):	121.7914560 - 121° 47' 29.24''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	606185.8
UTM Y (Meters):	4200580.0
Elevation:	265 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5640044 ANTIOCH SOUTH, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140606
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
DEER VALLEY ROAD
ANTIOCH, CA 94531

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	NORTH AMERICAN SITE	1931 MOKELUMNE DR	CIWQS	Higher	3277, 0.621, NNW
A2	ANTIOCH CENTRAL SELF	1700 MOKELUMNE DR	NPDES, CIWQS	Higher	3305, 0.626, NNW
B3	HORSE VALLEY CREEK A		CERS	Higher	3437, 0.651, SW
B4	HORSE VALLEY CREEK A		CIWQS	Higher	3437, 0.651, SW
C5	BBS TRUCKING	2496 MAMMOTH WAY	RCRA NonGen / NLR, HAZNET	Lower	3540, 0.670, NE
C6	BBS TRUCKING	2496 MAMMOTH WAY	FINDS, ECHO	Lower	3540, 0.670, NE
7	TERRAZZA	2413 SILVERIA WAY	CIWQS	Lower	3957, 0.749, NNE
8	MANUEL MENDEZ	1910 MT STAKES COURT	PEST LIC	Lower	4166, 0.789, North
9	OLD EMPIRE MINE	HIGGINS RANCH PROPER	CERS	Higher	4496, 0.852, SSW
D10	KAISER ANTIOCH DEER	4501 SAND CREEK RD	FINDS	Lower	4569, 0.865, East
D11	KAISER ANTIOCH DEER	4501 SAND CREEK RD	CERS HAZ WASTE, CERS TANKS, CHMIRS, EMI, CONTRA...	Lower	4569, 0.865, East
D12	KAISER FOUNDATION HO	4501 SAND CREEK RD	FINDS, ECHO	Lower	4569, 0.865, East
D13	KAISER FOUNDATION HO	4501 SAND CREEK RD	HAZNET	Lower	4569, 0.865, East
D14	KAISER FOUNDATION HO	4501 SAND CREEK	RCRA-LQG, FINDS	Lower	4569, 0.865, East
D15	KAISER FOUNDATION HO	4501 SAND CREEK RD	UST	Lower	4569, 0.865, East
16	HORSE VALLEY CREEK A	EMPIRE MINE ROAD	NPDES, CIWQS	Higher	4667, 0.884, SW
17	855 911 KAISER DEER	6500 DEER VALLEY RD	CIWQS	Lower	4799, 0.909, East
18	JUAN T ELIAS	1848 CROWN PEAK WAY	PEST LIC	Lower	4866, 0.922, North
19	DALLAS RNCH PARK	PREWETT RANCH RD & C	CIWQS	Higher	4979, 0.943, NNW
20	COMING CLEAN MBL DRY	5400 BUFFALO CT	EDR Hist Cleaner	Lower	5080, 0.962, ENE
E21	KAISER HOSPITAL ANTI	5601 DEER VALLEY RD	CIWQS	Lower	5151, 0.976, NE
E22	KAISER PERMANENTE ME	5601 DEER VALLEY RD	HAZNET	Lower	5151, 0.976, NE
E23	AMEC	5601 DEER VALLEY RD	HAZNET	Lower	5151, 0.976, NE
F24	LECHUGA, RAMON	4308 DEER HILL LANE	RCRA NonGen / NLR	Lower	5184, 0.982, ESE
F25	LECHUGA, RAMON	4308 DEER HILL LANE	FINDS, ECHO	Lower	5184, 0.982, ESE
26	PARMENTER DANIELLE	5035 HOLLOW RIDGE WA	EDR Hist Auto	Lower	5701, 1.080, NNW
27	OXY PREWETT BRENTWOO	5400 MOJAVE WAY	CPS-SLIC, CERS	Lower	5812, 1.101, ENE
28	NORTH AMERICAN ELEME	MOKOLUMNE DRIVE/PREW	ENVIROSTOR, SCH	Lower	6083, 1.152, NNE
29	DALLAS RANCH BOOSTER	5001 DALLAS RANCH RD	UST, HAZNET, CONTRA COSTA CO. SITE LIST, CERS	Lower	6146, 1.164, NNW
G30	VERIZON WIRELESS (LO	5201 DEER VALLEY RD	EMI, CONTRA COSTA CO. SITE LIST, CERS	Lower	6265, 1.187, NNE
G31	SLOAN MCDONALD & ROB	5201 DEER VALLEY RD	RCRA NonGen / NLR	Lower	6265, 1.187, NNE
G32	AMITA K SUVARNA PC D	5201 DEER VALLEY RD	RCRA NonGen / NLR	Lower	6265, 1.187, NNE
G33	ANTIOCH VETERINARY H	5151 DEER VALLEY RD	CERS HAZ WASTE, CONTRA COSTA CO. SITE LIST	Lower	6441, 1.220, NNE
G34	ANTIOCH VETERINARY H	5151 DEER VALLEY RD	RCRA NonGen / NLR	Lower	6441, 1.220, NNE
H35	LONGS DRUG STORE #82	5065 DEER VALLEY RD	UST	Lower	6504, 1.232, NNE
H36	LONGS DRUG STORE #82	5065 DEER VALLEY RD	CERS TANKS, CONTRA COSTA CO. SITE LIST	Lower	6504, 1.232, NNE
37	DALLAS RANCH MIDDLE	LONE TREE WAY/1401 M	ENVIROSTOR, SCH	Lower	7385, 1.399, NNW

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-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
US INST CONTROL ---------- Sites with Institutional Controls

EXECUTIVE SUMMARY

Federal ERNS list

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

State- and tribal - equivalent NPL

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

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

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

State and tribal leaking storage tank lists

LUST ---------- Geotracker's Leaking Underground Fuel Tank Report
INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

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

State and tribal voluntary cleanup sites

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

State and tribal Brownfields sites

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

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---------- Delisted National Clandestine Laboratory Register
HIST Cal-Sites ---------- Historical Calsites Database
CDL ---------- Clandestine Drug Labs

Toxic Pits ---- Toxic Pits Cleanup Act Sites
US CDL ---- National Clandestine Laboratory Register
PFAS ---- PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

SWEEPS UST ---- SWEEPS UST Listing
HIST UST ---- Hazardous Substance Storage Container Database
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
LDS ---- Land Disposal Sites Listing
MCS ---- Military Cleanup Sites Listing
SPILLS 90 ---- SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS ---- Formerly Used Defense Sites
DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List
TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
ROD ---- Records Of Decision
RMP ---- Risk Management Plans
RAATS ---- RCRA Administrative Action Tracking System
PRP ---- Potentially Responsible Parties
PADS ---- PCB Activity Database System
ICIS ---- Integrated Compliance Information System
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ---- Material Licensing Tracking System
COAL ASH DOE ---- Steam-Electric Plant Operation Data
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---- PCB Transformer Registration Database
RADINFO ---- Radiation Information Database
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---- Incident and Accident Data
CONSENT ---- Superfund (CERCLA) Consent Decrees
INDIAN RESERV ---- Indian Reservations
FUSRAP ---- Formerly Utilized Sites Remedial Action Program
UMTRA ---- Uranium Mill Tailings Sites
LEAD SMELTERS ---- Lead Smelter Sites
US AIRS ---- Aerometric Information Retrieval System Facility Subsystem

US MINES - Mines Master Index File
ABANDONED MINES - Abandoned Mines
UXO - Unexploded Ordnance Sites
DOCKET HWC - Hazardous Waste Compliance Docket Listing
FUELS PROGRAM - EPA Fuels Program Registered Listing
CA BOND EXP. PLAN - Bond Expenditure Plan
Cortese - "Cortese" Hazardous Waste & Substances Sites List
CUPA Listings - CUPA Resources List
DRYCLEANERS - Cleaner Facilities
ENF - Enforcement Action Listing
Financial Assurance - Financial Assurance Information Listing
ICE - ICE
HIST CORTESE - Hazardous Waste & Substance Site List
HWP - EnviroStor Permitted Facilities Listing
HWT - Registered Hazardous Waste Transporter Database
MINES - Mines Site Location Listing
MWMP - Medical Waste Management Program Listing
PROC - Certified Processors Database
Notify 65 - Proposition 65 Records
UIC - UIC Listing
UIC GEO - UIC GEO (GEOTRACKER)
WASTEWATER PITS - Oil Wastewater Pits Listing
WDS - Waste Discharge System
WIP - Well Investigation Program Case List
MILITARY PRIV SITES - MILITARY PRIV SITES (GEOTRACKER)
PROJECT - PROJECT (GEOTRACKER)
WDR - Waste Discharge Requirements Listing
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 RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

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

A review of the RCRA-LQG list, as provided by EDR, and dated 03/25/2019 has revealed that there is 1 RCRA-LQG site within approximately 1.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER FOUNDATION HO EPA ID:: CAR000164004	***4501 SAND CREEK***	***E 1/2 - 1 (0.865 mi.)***	***D14***	***69***

State- and tribal - equivalent CERCLIS

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 04/29/2019 has revealed that there are 2 ENVIROSTOR sites within approximately 2 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NORTH AMERICAN ELEME Facility Id: 7010002 Status: No Action Required	***MOKOLUMNE DRIVE/PREW***	***NNE 1 - 2 (1.152 mi.)***	***28***	***84***
DALLAS RANCH MIDDLE Facility Id: 7450001 Status: No Further Action	***LONE TREE WAY/1401 M***	***NNW 1 - 2 (1.399 mi.)***	***37***	***120***

State and tribal leaking storage tank lists

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 1.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OXY PREWETT BRENTWOO	***5400 MOJAVE WAY***	***ENE 1 - 2 (1.101 mi.)***	***27***	***83***
Database: SLIC REG 5, Date of Government Version: 04/01/2005 Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Completed - Case Closed Global Id: SL0601343509				

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, has revealed that there are 3 UST sites within approximately 1.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER FOUNDATION HO	4501 SAND CREEK RD	E 1/2 - 1 (0.865 mi.)	D15	74
Database: UST, Date of Government Version: 12/10/2018 Facility Id: 07-000-773556				
DALLAS RANCH BOOSTER	***5001 DALLAS RANCH RD***	***NNW 1 - 2 (1.164 mi.)***	***29***	***86***
Database: UST, Date of Government Version: 12/10/2018 Facility Id: 07-000-771848				
LONGS DRUG STORE #82	5065 DEER VALLEY RD	NNE 1 - 2 (1.232 mi.)	H35	108
Database: UST, Date of Government Version: 12/10/2018 Facility Id: 07-000-771362				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

SCH: 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.

A review of the SCH list, as provided by EDR, and dated 04/29/2019 has revealed that there is 1 SCH site within approximately 1.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NORTH AMERICAN ELEME	***MOKOLUMNE DRIVE/PREW***	***NNE 1 - 2 (1.152 mi.)***	***28***	***84***
Facility Id: 7010002 Status: No Action Required				

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 04/09/2019 has revealed that there are 2 CERS HAZ WASTE sites within approximately 1.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER ANTIOCH DEER	***4501 SAND CREEK RD***	***E 1/2 - 1 (0.865 mi.)***	***D11***	***16***
ANTIOCH VETERINARY H	***5151 DEER VALLEY RD***	***NNE 1 - 2 (1.220 mi.)***	***G33***	***103***

Local Lists of Registered Storage Tanks

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.

A review of the CERS TANKS list, as provided by EDR, and dated 04/09/2019 has revealed that there are 2 CERS TANKS sites within approximately 1.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER ANTIOCH DEER	***4501 SAND CREEK RD***	***E 1/2 - 1 (0.865 mi.)***	***D11***	***16***
LONGS DRUG STORE #82	***5065 DEER VALLEY RD***	***NNE 1 - 2 (1.232 mi.)***	***H36***	***108***

Records of Emergency Release Reports

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 10/24/2018 has revealed that there is 1 CHMIRS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER ANTIOCH DEER	***4501 SAND CREEK RD***	***E 1/2 - 1 (0.865 mi.)***	***D11***	***16***
OES Incident Number: 16-3448				

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/25/2019 has revealed that there are 5 RCRA NonGen / NLR sites within approximately 1.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BBS TRUCKING	***2496 MAMMOTH WAY***	***NE 1/2 - 1 (0.670 mi.)***	***C5***	***12***

EPA ID:: CAR000157537				
LECHUGA, RAMON EPA ID:: CAC002981519	4308 DEER HILL LANE	ESE 1/2 - 1 (0.982 mi.)	F24	81
SLOAN MCDONALD & ROB EPA ID:: CAL000153317	5201 DEER VALLEY RD	NNE 1 - 2 (1.187 mi.)	G31	101
AMITA K SUVARNA PC D EPA ID:: CAL000391791	5201 DEER VALLEY RD	NNE 1 - 2 (1.187 mi.)	G32	102
ANTIOCH VETERINARY H EPA ID:: CAL000435127	5151 DEER VALLEY RD	NNE 1 - 2 (1.220 mi.)	G34	107

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 02/15/2019 has revealed that there are 5 FINDS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BBS TRUCKING Registry ID:: 110020118479	***2496 MAMMOTH WAY***	***NE 1/2 - 1 (0.670 mi.)***	***C6***	***14***
KAISER ANTIOCH DEER Registry ID:: 110054241003	4501 SAND CREEK RD	E 1/2 - 1 (0.865 mi.)	D10	15
KAISER FOUNDATION HO Registry ID:: 110022527933	***4501 SAND CREEK RD***	***E 1/2 - 1 (0.865 mi.)***	***D12***	***66***
KAISER FOUNDATION HO Registry ID:: 110055776183	***4501 SAND CREEK***	***E 1/2 - 1 (0.865 mi.)***	***D14***	***69***
LECHUGA, RAMON Registry ID:: 110070437741	***4308 DEER HILL LANE***	***ESE 1/2 - 1 (0.982 mi.)***	***F25***	***82***

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

A review of the ECHO list, as provided by EDR, and dated 04/07/2019 has revealed that there are 3 ECHO sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BBS TRUCKING Registry ID: 110020118479	***2496 MAMMOTH WAY***	***NE 1/2 - 1 (0.670 mi.)***	***C6***	***14***
KAISER FOUNDATION HO Registry ID: 110022527933	***4501 SAND CREEK RD***	***E 1/2 - 1 (0.865 mi.)***	***D12***	***66***
LECHUGA, RAMON Registry ID: 110070437741	***4308 DEER HILL LANE***	***ESE 1/2 - 1 (0.982 mi.)***	***F25***	***82***

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

A review of the EMI list, as provided by EDR, and dated 12/31/2017 has revealed that there is 1 EMI site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER ANTIOCH DEER Facility Id: 16855	***4501 SAND CREEK RD***	***E 1/2 - 1 (0.865 mi.)***	***D11***	***16***

HAZNET: 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 from non-California manifests & continuation sheets are not included at the present time. 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, & disposal method. The source is the Department of Toxic Substance Control is the agency. This database begins with calendar year 1993.

A review of the HAZNET list, as provided by EDR, and dated 12/31/2017 has revealed that there are 4 HAZNET sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BBS TRUCKING GEPAID: CAR000157537	***2496 MAMMOTH WAY***	***NE 1/2 - 1 (0.670 mi.)***	***C5***	***12***
KAISER FOUNDATION HO GEPAID: CAR000164004	4501 SAND CREEK RD	E 1/2 - 1 (0.865 mi.)	D13	67
KAISER PERMANENTE ME GEPAID: CAL000279206	5601 DEER VALLEY RD	NE 1/2 - 1 (0.976 mi.)	E22	79
AMEC GEPAID: CAC002565263	5601 DEER VALLEY RD	NE 1/2 - 1 (0.976 mi.)	E23	80

NPDES: A listing of NPDES permits, including stormwater.

A review of the NPDES list, as provided by EDR, and dated 02/11/2019 has revealed that there are 2 NPDES sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ANTIOCH CENTRAL SELF	***1700 MOKELUMNE DR***	***NNW 1/2 - 1 (0.626 mi.)***	***A2***	***8***
HORSE VALLEY CREEK A Facility Status: Terminated	***EMPIRE MINE ROAD***	***SW 1/2 - 1 (0.884 mi.)***	***16***	***75***

PEST LIC: 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.

A review of the PEST LIC list, as provided by EDR, and dated 03/04/2019 has revealed that there are 2 PEST LIC sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MANUEL MENDEZ	1910 MT STAKES COURT	N 1/2 - 1 (0.789 mi.)	8	15
JUAN T ELIAS	1848 CROWN PEAK WAY	N 1/2 - 1 (0.922 mi.)	18	77

EXECUTIVE SUMMARY

CONTRA COSTA CO. SITE LIST: Lists includes sites from the Underground Tank Program, Hazardous Waste Generator Program & Business Plan 12185 Program

A review of the CONTRA COSTA CO. SITE LIST list, as provided by EDR, and dated 02/14/2019 has revealed that there are 5 CONTRA COSTA CO. SITE LIST sites within approximately 1.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER ANTIOCH DEER Facility Id: FA0030225	***4501 SAND CREEK RD***	***E 1/2 - 1 (0.865 mi.)***	***D11***	***16***
DALLAS RANCH BOOSTER Facility Id: FA0028584	***5001 DALLAS RANCH RD***	***NNW 1 - 2 (1.164 mi.)***	***29***	***86***
VERIZON WIRELESS (LO Facility Id: FA0030165	***5201 DEER VALLEY RD***	***NNE 1 - 2 (1.187 mi.)***	***G30***	***93***
ANTIOCH VETERINARY H Facility Id: FA0040873	***5151 DEER VALLEY RD***	***NNE 1 - 2 (1.220 mi.)***	***G33***	***103***
LONGS DRUG STORE #82 Facility Id: FA0028126	***5065 DEER VALLEY RD***	***NNE 1 - 2 (1.232 mi.)***	***H36***	***108***

CIWQS: 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.

A review of the CIWQS list, as provided by EDR, and dated 03/05/2019 has revealed that there are 8 CIWQS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NORTH AMERICAN SITE	1931 MOKELUMNE DR	NNW 1/2 - 1 (0.621 mi.)	A1	8
ANTIOCH CENTRAL SELF	***1700 MOKELUMNE DR***	***NNW 1/2 - 1 (0.626 mi.)***	***A2***	***8***
HORSE VALLEY CREEK A		SW 1/2 - 1 (0.651 mi.)	B4	11
HORSE VALLEY CREEK A	***EMPIRE MINE ROAD***	***SW 1/2 - 1 (0.884 mi.)***	***16***	***75***
DALLAS RNCH PARK	PREWETT RANCH RD & C	NNW 1/2 - 1 (0.943 mi.)	19	77

Lower Elevation	Address	Direction / Distance	Map ID	Page
TERRAZZA	2413 SILVERIA WAY	NNE 1/2 - 1 (0.749 mi.)	7	14
855 911 KAISER DEER	6500 DEER VALLEY RD	E 1/2 - 1 (0.909 mi.)	17	76
KAISER HOSPITAL ANTI	5601 DEER VALLEY RD	NE 1/2 - 1 (0.976 mi.)	E21	78

CERS: 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

A review of the CERS list, as provided by EDR, and dated 04/09/2019 has revealed that there are 3 CERS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HORSE VALLEY CREEK A		SW 1/2 - 1 (0.651 mi.)	B3	11
OLD EMPIRE MINE	HIGGINS RANCH PROPER	SSW 1/2 - 1 (0.852 mi.)	9	15

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER ANTIOCH DEER	***4501 SAND CREEK RD***	***E 1/2 - 1 (0.865 mi.)***	***D11***	***16***

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: 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.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 1.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PARMENTER DANIELLE	5035 HOLLOW RIDGE WA	NNW 1 - 2 (1.080 mi.)	26	83

EDR Hist Cleaner: 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.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 1.125 miles of the target property.

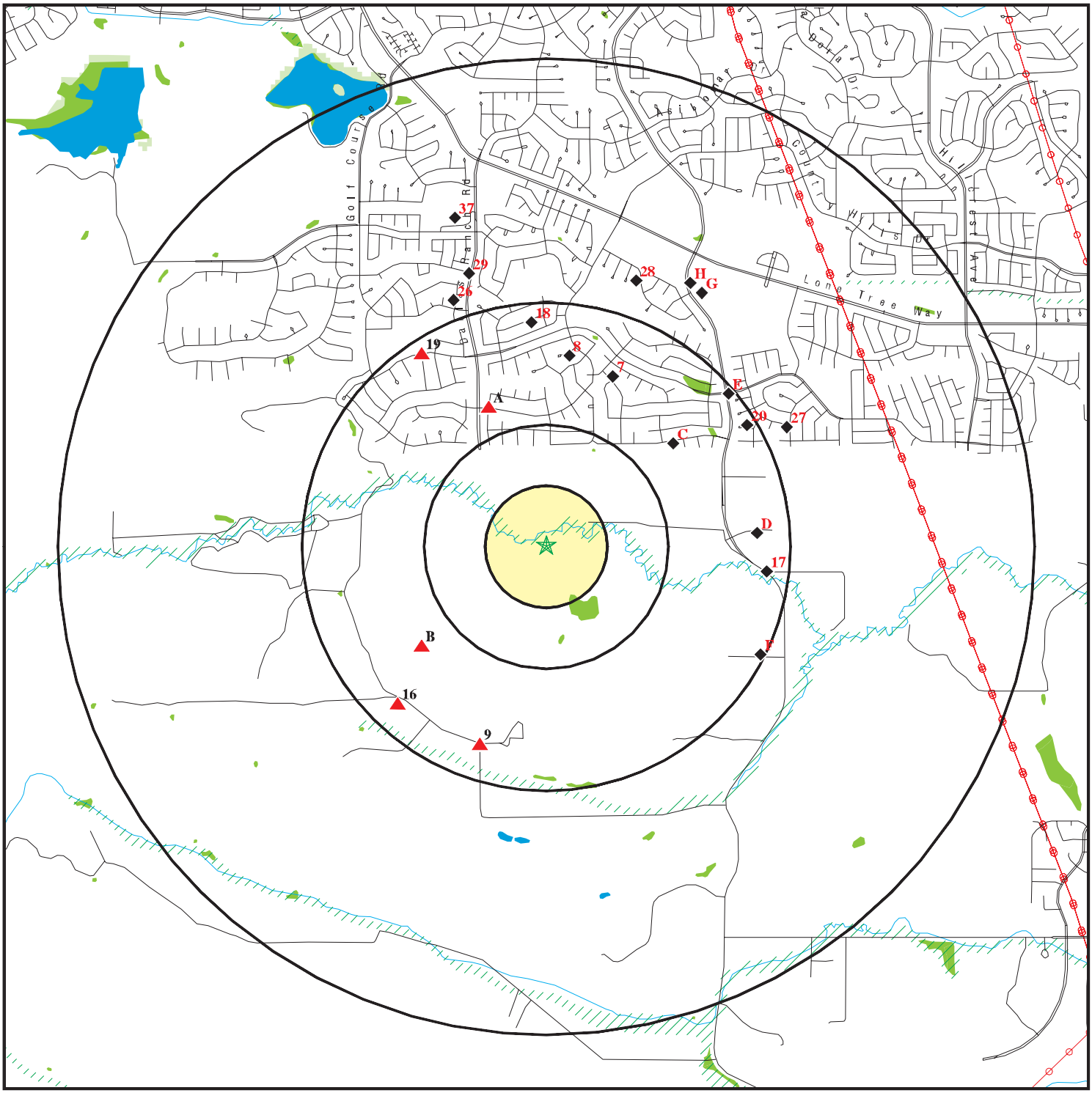
Lower Elevation	Address	Direction / Distance	Map ID	Page
COMING CLEAN MBL DRY	5400 BUFFALO CT	ENE 1/2 - 1 (0.962 mi.)	20	78

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 4 records.

Site Name	Database(s)
	CDL
VENTURINI LEASE SITE (BRENTWOOD OI	CPS-SLIC
OXY USA INC. (BRENTWOOD OIL & GAS	CPS-SLIC
COWELL RANCH/VINEYARDS AT MARSH CR	CPS-SLIC

OVERVIEW MAP - 05703189.2R



0 1/2 1 2 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- 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: The Ranch At Antioch ADDRESS: Deer Valley Road Antioch CA 94531 LAT/LONG: 37.948464 / 121.791456	CLIENT: Engeo Inc. CONTACT: Stephen Blakely INQUIRY #: 05703189.2r DATE: June 28, 2019 7:10 pm

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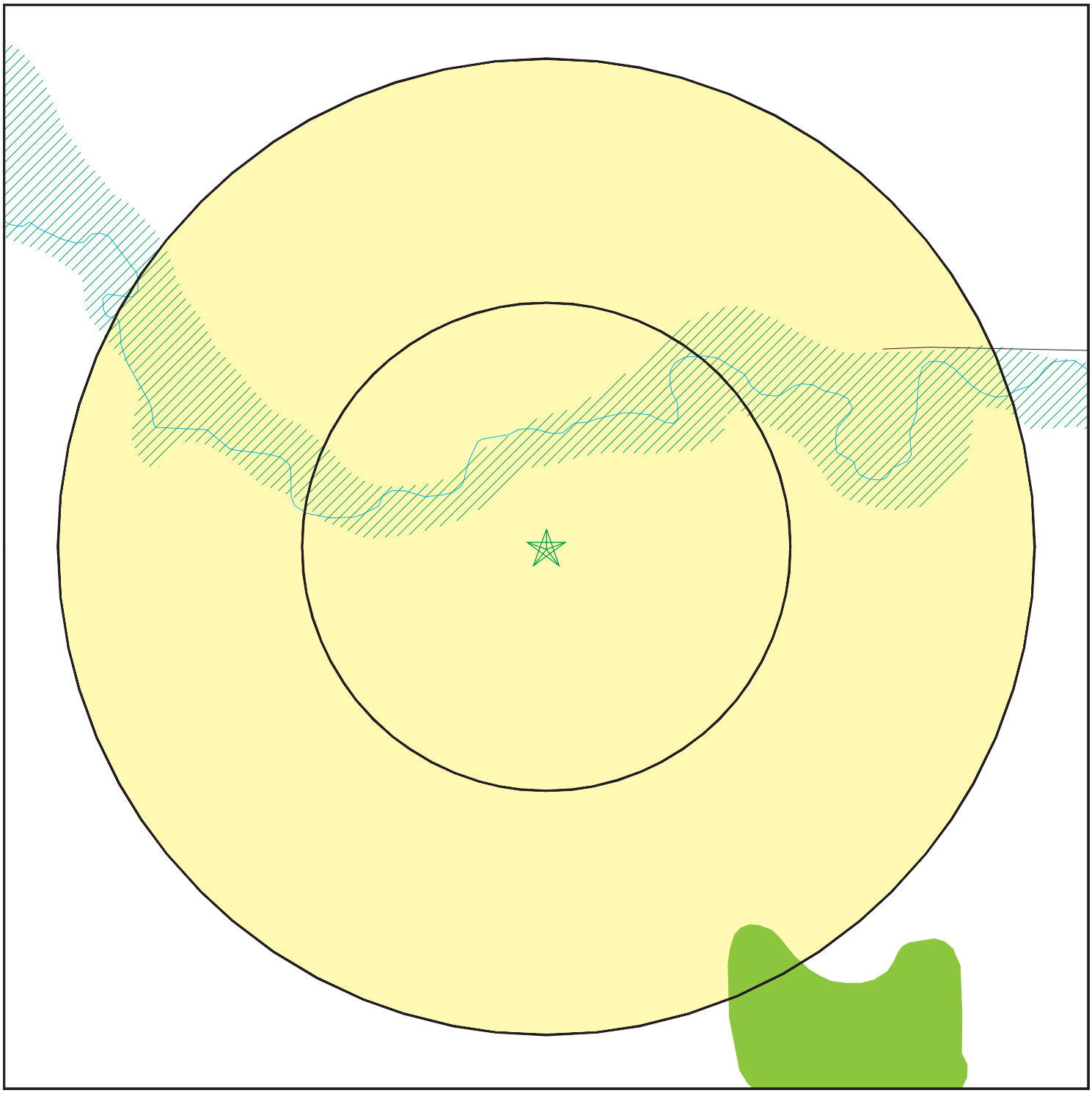
DETAIL MAP - 05703189.2R



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

0 1/16 1/8 1/4 Miles

- Indian Reservations BIA
- 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: The Ranch At Antioch	CLIENT: Engeo Inc.
ADDRESS: Deer Valley Road Antioch CA 94531	CONTACT: Stephen Blakely INQUIRY #: 05703189.2r
LAT/LONG: 37.948464 / 121.791456	DATE: June 28, 2019 7:15 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	2.000		0	0	0	0	0	0
Proposed NPL	2.000		0	0	0	0	0	0
NPL LIENS	2.000		0	0	0	0	0	0
Federal Delisted NPL site list								
Delisted NPL	2.000		0	0	0	0	0	0
Federal CERCLIS list								
FEDERAL FACILITY	1.500		0	0	0	0	0	0
SEMS	1.500		0	0	0	0	0	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	1.500		0	0	0	0	0	0
Federal RCRA CORRACTS facilities list								
CORRACTS	2.000		0	0	0	0	0	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	1.500		0	0	0	0	0	0
Federal RCRA generators list								
RCRA-LQG	1.250		0	0	0	1	0	1
RCRA-SQG	1.250		0	0	0	0	0	0
RCRA-CESQG	1.250		0	0	0	0	0	0
Federal institutional controls / engineering controls registries								
LUCIS	1.500		0	0	0	0	0	0
US ENG CONTROLS	1.500		0	0	0	0	0	0
US INST CONTROL	1.500		0	0	0	0	0	0
Federal ERNS list								
ERNS	1.000		0	0	0	0	NR	0
State- and tribal - equivalent NPL								
RESPONSE	2.000		0	0	0	0	0	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	2.000		0	0	0	0	2	2
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	1.500		0	0	0	0	0	0
State and tribal leaking storage tank lists								
LUST	1.500		0	0	0	0	0	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	1.500		0	0	0	0	0	0
CPS-SLIC	1.500		0	0	0	0	1	1
State and tribal registered storage tank lists								
FEMA UST	1.250		0	0	0	0	0	0
UST	1.250		0	0	0	1	2	3
AST	1.250		0	0	0	0	0	0
INDIAN UST	1.250		0	0	0	0	0	0
State and tribal voluntary cleanup sites								
INDIAN VCP	1.500		0	0	0	0	0	0
VCP	1.500		0	0	0	0	0	0
State and tribal Brownfields sites								
BROWNFIELDS	1.500		0	0	0	0	0	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	1.500		0	0	0	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	1.500		0	0	0	0	0	0
SWRCY	1.500		0	0	0	0	0	0
HAULERS	1.000		0	0	0	0	NR	0
INDIAN ODI	1.500		0	0	0	0	0	0
DEBRIS REGION 9	1.500		0	0	0	0	0	0
ODI	1.500		0	0	0	0	0	0
IHS OPEN DUMPS	1.500		0	0	0	0	0	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	1.000		0	0	0	0	NR	0
HIST Cal-Sites	2.000		0	0	0	0	0	0
SCH	1.250		0	0	0	0	1	1
CDL	1.000		0	0	0	0	NR	0
Toxic Pits	2.000		0	0	0	0	0	0
CERS HAZ WASTE	1.250		0	0	0	1	1	2
US CDL	1.000		0	0	0	0	NR	0
PFAS	1.500		0	0	0	0	0	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	1.250		0	0	0	0	0	0
HIST UST	1.250		0	0	0	0	0	0
CA FID UST	1.250		0	0	0	0	0	0
CERS TANKS	1.250		0	0	0	1	1	2
Local Land Records								
LIENS	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	1.000		0	0	0	0	NR	0
DEED	1.500		0	0	0	0	0	0
Records of Emergency Release Reports								
HMIRS	1.000		0	0	0	0	NR	0
CHMIRS	1.000		0	0	0	1	NR	1
LDS	1.000		0	0	0	0	NR	0
MCS	1.000		0	0	0	0	NR	0
SPILLS 90	1.000		0	0	0	0	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	1.250		0	0	0	2	3	5
FUDS	2.000		0	0	0	0	0	0
DOD	2.000		0	0	0	0	0	0
SCRD DRYCLEANERS	1.500		0	0	0	0	0	0
US FIN ASSUR	1.000		0	0	0	0	NR	0
EPA WATCH LIST	1.000		0	0	0	0	NR	0
2020 COR ACTION	1.250		0	0	0	0	0	0
TSCA	1.000		0	0	0	0	NR	0
TRIS	1.000		0	0	0	0	NR	0
SSTS	1.000		0	0	0	0	NR	0
ROD	2.000		0	0	0	0	0	0
RMP	1.000		0	0	0	0	NR	0
RAATS	1.000		0	0	0	0	NR	0
PRP	1.000		0	0	0	0	NR	0
PADS	1.000		0	0	0	0	NR	0
ICIS	1.000		0	0	0	0	NR	0
FTTS	1.000		0	0	0	0	NR	0
MLTS	1.000		0	0	0	0	NR	0
COAL ASH DOE	1.000		0	0	0	0	NR	0
COAL ASH EPA	1.500		0	0	0	0	0	0
PCB TRANSFORMER	1.000		0	0	0	0	NR	0
RADINFO	1.000		0	0	0	0	NR	0
HIST FTTS	1.000		0	0	0	0	NR	0
DOT OPS	1.000		0	0	0	0	NR	0
CONSENT	2.000		0	0	0	0	0	0
INDIAN RESERV	2.000		0	0	0	0	0	0
FUSRAP	2.000		0	0	0	0	0	0
UMTRA	1.500		0	0	0	0	0	0
LEAD SMELTERS	1.000		0	0	0	0	NR	0
US AIRS	1.000		0	0	0	0	NR	0
US MINES	1.250		0	0	0	0	0	0
ABANDONED MINES	1.250		0	0	0	0	0	0
FINDS	1.000		0	0	0	5	NR	5
UXO	2.000		0	0	0	0	0	0
DOCKET HWC	1.000		0	0	0	0	NR	0
ECHO	1.000		0	0	0	3	NR	3
FUELS PROGRAM	1.250		0	0	0	0	0	0
CA BOND EXP. PLAN	2.000		0	0	0	0	0	0
Cortese	1.500		0	0	0	0	0	0
CUPA Listings	1.250		0	0	0	0	0	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	1.250		0	0	0	0	0	0
EMI	1.000		0	0	0	1	NR	1
ENF	1.000		0	0	0	0	NR	0
Financial Assurance	1.000		0	0	0	0	NR	0
HAZNET	1.000		0	0	0	4	NR	4
ICE	1.000		0	0	0	0	NR	0
HIST CORTESE	1.500		0	0	0	0	0	0
HWP	2.000		0	0	0	0	0	0
HWT	1.250		0	0	0	0	0	0
MINES	1.250		0	0	0	0	0	0
MWMP	1.250		0	0	0	0	0	0
NPDES	1.000		0	0	0	2	NR	2
PEST LIC	1.000		0	0	0	2	NR	2
PROC	1.500		0	0	0	0	0	0
Notify 65	2.000		0	0	0	0	0	0
CONTRA COSTA CO. SITE LIST	1.250		0	0	0	1	4	5
UIC	1.000		0	0	0	0	NR	0
UIC GEO	1.000		0	0	0	0	NR	0
WASTEWATER PITS	1.500		0	0	0	0	0	0
WDS	1.000		0	0	0	0	NR	0
WIP	1.250		0	0	0	0	0	0
MILITARY PRIV SITES	1.000		0	0	0	0	NR	0
PROJECT	1.000		0	0	0	0	NR	0
WDR	1.000		0	0	0	0	NR	0
CIWQS	1.000		0	0	0	8	NR	8
CERS	1.000		0	0	0	3	NR	3
NON-CASE INFO	1.000		0	0	0	0	NR	0
OTHER OIL GAS	1.000		0	0	0	0	NR	0
PROD WATER PONDS	1.000		0	0	0	0	NR	0
SAMPLING POINT	1.000		0	0	0	0	NR	0
WELL STIM PROJ	1.000		0	0	0	0	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	2.000		0	0	0	0	0	0
EDR Hist Auto	1.125		0	0	0	0	1	1
EDR Hist Cleaner	1.125		0	0	0	1	0	1
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	1.000		0	0	0	0	NR	0
RGA LUST	1.000		0	0	0	0	NR	0
- Totals --		0	0	0	0	37	16	53

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **NORTH AMERICAN SITE ELEMENTARY** **CIWQS** **S121659161**
NNW **1931 MOKELUMNE DR** **N/A**
1/2-1 **ANTIOCH, CA 94531**
0.621 mi.
3277 ft. **Site 1 of 2 in cluster A**

Relative: **Higher**
Actual: **306 ft.**

CIWQS:

Name:	NORTH AMERICAN SITE ELEMENTARY
Address:	1931 MOKELUMNE DR
City,State,Zip:	ANTIOCH, CA 94531
Agency:	Antioch Unified School District
Agency Address:	510 G St, Antioch, CA 94509
Place/Project Type:	Construction
SIC/NAICS:	Not reported
Region:	5S
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	99-08DW
WDID:	5S07C317179
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	12/28/2001
Termination Date:	01/22/2004
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.956515
Longitude:	-121.794322

A2 **ANTIOCH CENTRAL SELF STORAGE** **NPDES** **S117694758**
NNW **1700 MOKELUMNE DR** **CIWQS** **N/A**
1/2-1 **ANTIOCH, CA 94531**
0.626 mi.
3305 ft. **Site 2 of 2 in cluster A**

Relative: **Higher**
Actual: **298 ft.**

NPDES:

Name:	ANTIOCH CENTRAL SELF STORAGE
Address:	1700 MOKELUMNE DR
City,State,Zip:	ANTIOCH, CA 94531
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	5S07C330077
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported

ANTIOCH CENTRAL SELF STORAGE (Continued) **S117694758**

Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	11/30/2005
Operator Name:	Pegasus Group
Operator Address:	1148 Alpine Rd
Operator City:	Walnut Creek
Operator State:	California
Operator Zip:	94596

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	5S
Regulatory Measure ID:	198125
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	5S07C330077
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	09/24/2004
Status:	Terminated
Status Date:	11/30/2005
Place Size:	3
Place Size Unit:	Acres
Contact:	DAN Woody
Contact Title:	Not reported
Contact Phone:	9253140770
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Pegasus Group
Operator Address:	1148 Alpine Rd
Operator City:	Walnut Creek
Operator State:	California
Operator Zip:	94596
Operator Contact:	DWIGHT Davis
Operator Contact Title:	Partner
Operator Contact Phone:	925-930-0810
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Other
Developer:	Cubix Construction Co
Developer Address:	770 San Ramon Valley Blvd
Developer City:	Danville
Developer State:	California
Developer Zip:	94526

ANTIOCH CENTRAL SELF STORAGE (Continued) **S117694758**

Developer Contact:	Ed Boersma
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	925-314-0770
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Y
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Y
Receiving Water Name:	San Francisco Bay
Certifier:	Ed Boersma
Certifier Title:	Vice President
Certification Date:	20-SEP-04
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	ANTIOCH CENTRAL SELF STORAGE
Address:	1700 MOKELUMNE DR
City,State,Zip:	ANTIOCH, CA 94531
Agency:	Pegasus Group
Agency Address:	1148 Alpine Rd, Walnut Creek, CA 94596
Place/Project Type:	Construction - Commercial
SIC/NAICS:	Not reported
Region:	5S
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	5S07C330077
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	09/24/2004
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.963482

ANTIOCH CENTRAL SELF STORAGE (Continued) **S117694758**

Longitude: -121.78926

B3 **HORSE VALLEY CREEK AND WETLAND RESTORATION PROJECT** **CERS** **S121782297**
SW **N/A**
1/2-1 **ANTIOCH, CA 94531**
0.651 mi.
3437 ft. **Site 1 of 2 in cluster B**

Relative: CERS:
Higher
Actual: Name: HORSE VALLEY CREEK AND WETLAND RESTORATION PROJECT
331 ft. Address: Not reported
City,State,Zip: ANTIOCH, CA 94531
Site ID: 425883
CERS ID: 834319
CERS Description: Wetlands - Fill and Dredge Material

B4 **HORSE VALLEY CREEK AND WETLAND RESTORATION PROJECT** **CIWQS** **S122350366**
SW **N/A**
1/2-1 **ANTIOCH, CA 94531**
0.651 mi.
3437 ft. **Site 2 of 2 in cluster B**

Relative: CIWQS:
Higher
Actual: Name: HORSE VALLEY CREEK AND WETLAND RESTORATION PROJECT
331 ft. Address: Not reported
City,State,Zip: ANTIOCH, CA 94531
Agency: East Contra Costa Cnty Habitat Conservancy
Agency Address: 651 Pine Street N Wing 4th Fl, Martinez, CA 94553
Place/Project Type: Dredge/Fill Site
SIC/NAICS: Not reported
Region: 5S
Program: CERREST
Regulatory Measure Status: Active
Regulatory Measure Type: 401 Certification
Order Number: Not reported
WDID: 5B07CR00191
NPDES Number: Not reported
Adoption Date: Not reported
Effective Date: 08/29/2017
Termination Date: Not reported
Expiration/Review Date: 08/29/2022
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.9426
Longitude: -121.8008

C5 **BBS TRUCKING** **RCRA NonGen / NLR** **1007569232**
NE **2496 MAMMOTH WAY** **HAZNET** **CAR000157537**
1/2-1 **ANTIOCH, CA 94531**
0.670 mi.
3540 ft. **Site 1 of 2 in cluster C**

Relative:
Lower

Actual:
215 ft.

RCRA NonGen / NLR:

Date form received by agency:	10/18/2004
Facility name:	BBS TRUCKING
Facility address:	2496 MAMMOTH WAY ANTIOCH, CA 94531
EPA ID:	CAR000157537
Contact:	BRIAN K WESLEY
Contact address:	2496 MAMMOTH WAY ANTIOCH, CA 94531
Contact country:	US
Contact telephone:	510-860-2904
Contact email:	NTHABAY510@YAHOO.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	BRIAN WESLEY
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	11/24/2002
Owner/Op end date:	Not reported

Owner/operator name:	BRIAN WESLEY
Owner/operator address:	2496 MAMMOTH WAY ANTIOCH, CA 94531
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	11/24/2002
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

BBS TRUCKING (Continued) **1007569232**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

HAZNET:
Name: BBS TRUCKING
Address: 2496 MAMMOTH WAY
City,State,Zip: ANTIOCH, CA 945310000
Year: 2009
GEPAID: CAR000157537
Contact: BRIAN K WESLEY
Telephone: 5108602904
Mailing Name: Not reported
Mailing Address: 2496 MAMMOTH WAY
Mailing City,St,Zip: ANTIOCH, CA 945310000
Gen County: Contra Costa
TSD EPA ID: CAD044003556
TSD County: Yolo
Tons: 7.049
CA Waste Code: 221-Waste oil and mixed oil
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Contra Costa

Name: BBS TRUCKING
Address: 2496 MAMMOTH WAY
City,State,Zip: ANTIOCH, CA 945310000
Year: 2009
GEPAID: CAR000157537
Contact: BRIAN K WESLEY
Telephone: 5108602904
Mailing Name: Not reported
Mailing Address: 2496 MAMMOTH WAY
Mailing City,St,Zip: ANTIOCH, CA 945310000
Gen County: Contra Costa
TSD EPA ID: CAD044003556
TSD County: Yolo
Tons: 2.205
CA Waste Code: 135-Unspecified aqueous solution
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Contra Costa

C6
NE
1/2-1
0.670 mi.
3540 ft.

BBS TRUCKING
2496 MAMMOTH WAY
ANTIOCH, CA 94531

Site 2 of 2 in cluster C

FINDS **1007843061**
ECHO **N/A**

Relative:
Lower

Actual:
215 ft.

FINDS:

Registry ID: 110020118479

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1007843061
Registry ID:	110020118479
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110020118479

7
NNE
1/2-1
0.749 mi.
3957 ft.

TERRAZZA
2413 SILVERIA WAY
ANTIOCH, CA 94531

CIWQS **S121679506**
N/A

Relative:
Lower

Actual:
218 ft.

CIWQS:

Name:	TERRAZZA
Address:	2413 SILVERIA WAY
City,State,Zip:	ANTIOCH, CA 94531
Agency:	Richmond American Homes
Agency Address:	2001 Crow Canyon Rd Ste 100, San Ramon, CA 94583
Place/Project Type:	Construction - Residential
SIC/NAICS:	Not reported
Region:	5S
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	99-08DW
WDID:	5S07C319044
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	10/04/2002
Termination Date:	12/29/2000
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.95846

TERRAZZA (Continued) **S121679506**

Longitude: -121.786625

8
North
1/2-1
0.789 mi.
4166 ft.

MANUEL MENDEZ **PEST LIC** **S117626870**
1910 MT STAKES COURT **N/A**
ANTIOCH, CA 94531

Relative:
Lower

Actual:
247 ft.

PEST LIC:

Name:	MANUEL MENDEZ
Address:	1910 MT STAKES COURT
City,State,Zip:	ANTIOCH, CA 94531
Facility Type:	QAL
Categories:	B
License No:	105113
Issued or Renewed Date:	01/01/2018
Expiration Date:	12/31/2019

Name:	IRRIGATION SOURCES
Address:	1910 MT STAKES COURT
City,State,Zip:	ANTIOCH, CA 94531
Facility Type:	MGB
Categories:	Not reported
License No:	41204
Issued or Renewed Date:	02/15/2019
Expiration Date:	12/31/2020

9
SSW
1/2-1
0.852 mi.
4496 ft.

OLD EMPIRE MINE **CERS** **S123098462**
HIGGINS RANCH PROPERTY **N/A**
ANTIOCH, CA

Relative:
Higher

Actual:
324 ft.

CERS:

Name:	OLD EMPIRE MINE
Address:	HIGGINS RANCH PROPERTY
City,State,Zip:	ANTIOCH, CA
Site ID:	202843
CERS ID:	L10005265938
CERS Description:	Land Disposal Site

D10
East
1/2-1
0.865 mi.
4569 ft.

KAISER ANTIOCH DEER VALLEY **FINDS** **1015914756**
4501 SAND CREEK RD **N/A**
ANTIOCH, CA 94531

Site 1 of 6 in cluster D

Relative:
Lower

Actual:
224 ft.

FINDS:

Registry ID: 110054241003

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

KAISER ANTIOCH DEER VALLEY (Continued) **1015914756**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

D11 **KAISER ANTIOCH DEER VALLEY** **CERS HAZ WASTE** **S107022515**
East **4501 SAND CREEK RD** **CERS TANKS** **N/A**
1/2-1 **ANTIOCH, CA 91304** **CHMIRS**
0.865 mi. **EMI**
4569 ft. **Site 2 of 6 in cluster D** **CONTRA COSTA CO. SITE LIST**
CERS

Relative:
Lower

Actual:
224 ft.

CERS HAZ WASTE:
Site ID: 395686
CERS ID: 10132219
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 01-23-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 02/22/2018. OBSERVATION: The business failed to complete and electronically submit a site map with all required content including: north orientation, loading area, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shut offs, evacuation staging area, hazardous materials/waste storage areas and emergency response equipment. The current map was not scanned properly and does not have all the required information. CORRECTIVE ACTION: Complete and electronically submit a site map with all required content.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 06-08-2016
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure of the overfill prevention system to meet one of the following requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.
Violation Notes: Returned to compliance on 07/06/2016.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 02-24-2014
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/27/2014.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 02-24-2014
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 02/27/2014.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 04-22-2013
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 04/22/2013.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 07-19-2018
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description: Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes: Returned to compliance on 08/15/2018.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 01-23-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 02/28/2018. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. Facility has 2 200gal tanks of Sodium Hypochlorite and

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

	Sulfuric Acid stored at the CUP that are not listed on the inventory. CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Division:	Contra Costa County Health Services Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	395686
Site Name:	Kaiser Foundation Hospital, Antioch
Violation Date:	02-24-2014
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Training - General
Violation Notes:	Returned to compliance on 03/13/2014.
Violation Division:	Contra Costa County Health Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	395686
Site Name:	Kaiser Foundation Hospital, Antioch
Violation Date:	04-01-2013
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 05/06/2013.
Violation Division:	Contra Costa County Health Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	395686
Site Name:	Kaiser Foundation Hospital, Antioch
Violation Date:	01-23-2018
Citation:	22 CCR 12 66262.34(e) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(e)
Violation Description:	Failure to meet the following conditions of satellite accumulation regulations, ? Accumulate up to 55 gallons of hazardous waste or one quart of acute hazardous waste at or near the initial point of accumulation which was under the control of the operator ? Total time hzardous waste can be accumulated onsite in any generator accumulation area is one year, i.e., the combined accumulation time at a satellite accumulation point and at a 90/180/270 accumulation area (depending on size of generator and distance transported), whichever comes first. ? The generator complies with sections 66265.171, 66264.172, and 66265.173(a). ? The container must be clearly marked with the initial date that hazardous waste is first placed in the container and labelled with the words ?Hazardous Waste? including specified information ? Container must be labelled with the date the satellite accumulation limit is reached and moved within three days after reaching the 55 gallon (or one quart) limit to a ?90 day? accumulation area ? 55 gallons (or one quart of acute hazardous waste) of waste per process may be accumulated
Violation Notes:	Returned to compliance on 01/23/2018. OBSERVATION: Failure of the Owner/Operator to comply with one or more satellite accumulation requirements [In patient clinical lab satellite container did not have a start date]. CORRECTIVE ACTION: Ensure that all hazardous wastes being accumulated pursuant to satellite accumulation meet all

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

applicable requirements and submit documentation of compliance to the CUPA. {Label container with start date corrected on site}
Violation Division: Contra Costa County Health Services Department
Violation Program: HWLQG
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 06-17-2015
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 08/19/2015.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-22-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-26-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-17-2015
Violations Found: No

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-19-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-25-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-02-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-22-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-06-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-19-2018
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-27-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-10-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-23-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-08-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-24-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-16-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-01-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-22-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-07-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-17-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 01-23-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 01-23-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: HWLQG
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 02-24-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 04-01-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 04-22-2013
Enf Action Type: Notice of Violation (Unified Program)

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Contra Costa County Health Services Department
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Site ID:	395686
Site Name:	Kaiser Foundation Hospital, Antioch
Site Address:	4501 SAND CREEK RD
Site City:	ANTIOCH
Site Zip:	94531
Enf Action Date:	06-08-2016
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Contra Costa County Health Services Department
Enf Action Program:	UST
Enf Action Source:	CERS

Site ID:	395686
Site Name:	Kaiser Foundation Hospital, Antioch
Site Address:	4501 SAND CREEK RD
Site City:	ANTIOCH
Site Zip:	94531
Enf Action Date:	06-17-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Contra Costa County Health Services Department
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Site ID:	395686
Site Name:	Kaiser Foundation Hospital, Antioch
Site Address:	4501 SAND CREEK RD
Site City:	ANTIOCH
Site Zip:	94531
Enf Action Date:	07-19-2018
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Contra Costa County Health Services Department
Enf Action Program:	UST
Enf Action Source:	CERS

Coordinates:

Site ID:	395686
Facility Name:	Kaiser Foundation Hospital, Antioch
Env Int Type Code:	HMBP
Program ID:	10132219
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	37.952133
Longitude:	-121.774452

Affiliation:

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Affiliation Type Desc:	CUPA District
Entity Name:	Contra Costa County Health Services Department
Entity Title:	Not reported
Affiliation Address:	4585 Pacheco BlvdSuite 100
Affiliation City:	Martinez
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94553
Affiliation Phone:	(925) 335-3200

Affiliation Type Desc:	Document Preparer
Entity Name:	Amish Waland
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:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	EH&S Sand Creek 4th flr 4501 Sand Creek Rd
Affiliation City:	Antioch
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94531
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Kaiser Permanente
Entity Title:	Not reported
Affiliation Address:	1 Kaiser Plaza
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 752-1000

Affiliation Type Desc:	Parent Corporation
Entity Name:	Kaiser Foundation Hospital, Antioch
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:	Operator
Entity Name:	Kaiser Foundation Hospital - Antioch Medical Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Affiliation Zip:	Not reported
Affiliation Phone:	(925) 813-6500
Affiliation Type Desc:	Property Owner
Entity Name:	Kaiser Permanente
Entity Title:	Not reported
Affiliation Address:	1 Kaiser Plaza
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 752-1000
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	ONE KAISER PLAZA
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 271-5800
Affiliation Type Desc:	UST Tank Operator
Entity Name:	KAISER PERMANENTE ANTIOCH MEDICAL CENTER-ATTN:CHIEF ENGINEER
Entity Title:	Not reported
Affiliation Address:	4501 SAND CREEK ROAD
Affiliation City:	ANTIOCH
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94531
Affiliation Phone:	(925) 813-6044
Affiliation Type Desc:	Environmental Contact
Entity Name:	Amish Waland
Entity Title:	Not reported
Affiliation Address:	4501 Sand Creek Rd
Affiliation City:	Antioch
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94531
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Amish Waland
Entity Title:	Safety Operations Leader
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:	UST Permit Applicant
Entity Name:	JOHN GREEN
Entity Title:	CHIEF ENGINEER
Affiliation Address:	Not reported

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(925) 813-7393
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Kaiser Foundation Hospitals
Entity Title:	Not reported
Affiliation Address:	ONE KAISER PLAZA
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 271-5800
Site ID:	395686
CERS ID:	10132219
CERS Description:	RCRA LQ HW Generator

Violations:

Site ID:	395686
Site Name:	Kaiser Foundation Hospital, Antioch
Violation Date:	01-23-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 02/22/2018. OBSERVATION: The business failed to complete and electronically submit a site map with all required content including: north orientation, loading area, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shut offs, evacuation staging area, hazardous materials/waste storage areas and emergency response equipment. The current map was not scanned properly and does not have all the required information. CORRECTIVE ACTION: Complete and electronically submit a site map with all required content.
Violation Division:	Contra Costa County Health Services Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	395686
Site Name:	Kaiser Foundation Hospital, Antioch
Violation Date:	06-08-2016
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure of the overfill prevention system to meet one of the following requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

	overfilling.
Violation Notes:	Returned to compliance on 07/06/2016.
Violation Division:	Contra Costa County Health Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	395686
Site Name:	Kaiser Foundation Hospital, Antioch
Violation Date:	02-24-2014
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 02/27/2014.
Violation Division:	Contra Costa County Health Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	395686
Site Name:	Kaiser Foundation Hospital, Antioch
Violation Date:	02-24-2014
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 02/27/2014.
Violation Division:	Contra Costa County Health Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	395686
Site Name:	Kaiser Foundation Hospital, Antioch
Violation Date:	04-22-2013
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 04/22/2013.
Violation Division:	Contra Costa County Health Services Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	395686
Site Name:	Kaiser Foundation Hospital, Antioch
Violation Date:	07-19-2018
Citation:	HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description:	Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes:	Returned to compliance on 08/15/2018.
Violation Division:	Contra Costa County Health Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	395686
Site Name:	Kaiser Foundation Hospital, Antioch
Violation Date:	01-23-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violation Notes: Returned to compliance on 02/28/2018. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. Facility has 2 200gal tanks of Sodium Hypochlorite and Sulfuric Acid stored at the CUP that are not listed on the inventory. CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 02-24-2014
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Training - General
Violation Notes: Returned to compliance on 03/13/2014.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 04-01-2013
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 05/06/2013.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 01-23-2018
Citation: 22 CCR 12 66262.34(e) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(e)
Violation Description: Failure to meet the following conditions of satellite accumulation regulations, ? Accumulate up to 55 gallons of hazardous waste or one quart of acute hazardous waste at or near the initial point of accumulation which was under the control of the operator ? Total time hzardous waste can be accumulated onsite in any generator accumulation area is one year, i.e., the combined accumulation time at a satellite accumulation point and at a 90/180/270 accumulation area (depending on size of generator and distance transported), whichever comes first. ? The generator complies with sections 66265.171, 66264.172, and 66265.173(a). ? The container must be clearly marked with the initial date that hazardous waste is first placed in the container and labelled with the words ?Hazardous Waste? including specified information ? Container must be labelled with the date the satellite accumulation limit is reached and moved within three days after reaching the 55 gallon (or one quart) limit to a ?90 day? accumulation area ? 55 gallons (or one quart of acute hazardous waste) of waste per

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

process may be accumulated
Violation Notes: Returned to compliance on 01/23/2018. OBSERVATION: Failure of the Owner/Operator to comply with one or more satellite accumulation requirements [In patient clinical lab satellite container did not have a start date]. CORRECTIVE ACTION: Ensure that all hazardous wastes being accumulated pursuant to satellite accumulation meet all applicable requirements and submit documentation of compliance to the CUPA. {Label container with start date corrected on site}
Violation Division: Contra Costa County Health Services Department
Violation Program: HWLQG
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 06-17-2015
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 08/19/2015.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-22-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-26-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-17-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-19-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-02-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-22-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-06-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Eval General Type:	Other/Unknown
Eval Date:	07-19-2018
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	10-27-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-23-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-10-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	03-23-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	06-08-2016
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-23-2018
Violations Found:	No

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-24-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-16-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-01-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-22-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-07-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-17-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 01-23-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 01-23-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: HWLQG
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 02-24-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 04-01-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 395686

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 04-22-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 06-08-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 06-17-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 07-19-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Coordinates:
Site ID: 395686
Facility Name: Kaiser Foundation Hospital, Antioch
Env Int Type Code: HMBP
Program ID: 10132219
Coord Name: Not reported

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Ref Point Type Desc: Unknown
Latitude: 37.952133
Longitude: -121.774452

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Contra Costa County Health Services Department
Entity Title: Not reported
Affiliation Address: 4585 Pacheco BlvdSuite 100
Affiliation City: Martinez
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94553
Affiliation Phone: (925) 335-3200

Affiliation Type Desc: Document Preparer
Entity Name: Amish Waland
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: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: EH&S Sand Creek 4th flr 4501 Sand Creek Rd
Affiliation City: Antioch
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94531
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Kaiser Permanente
Entity Title: Not reported
Affiliation Address: 1 Kaiser Plaza
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94612
Affiliation Phone: (510) 752-1000

Affiliation Type Desc: Parent Corporation
Entity Name: Kaiser Foundation Hospital, Antioch
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: Operator
Entity Name: Kaiser Foundation Hospital - Antioch Medical Center

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

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:	(925) 813-6500
Affiliation Type Desc:	Property Owner
Entity Name:	Kaiser Permanente
Entity Title:	Not reported
Affiliation Address:	1 Kaiser Plaza
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 752-1000
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	ONE KAISER PLAZA
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 271-5800
Affiliation Type Desc:	UST Tank Operator
Entity Name:	KAISER PERMANENTE ANTIOCH MEDICAL CENTER-ATTN:CHIEF ENGINEER
Entity Title:	Not reported
Affiliation Address:	4501 SAND CREEK ROAD
Affiliation City:	ANTIOCH
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94531
Affiliation Phone:	(925) 813-6044
Affiliation Type Desc:	Environmental Contact
Entity Name:	Amish Waland
Entity Title:	Not reported
Affiliation Address:	4501 Sand Creek Rd
Affiliation City:	Antioch
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94531
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Amish Waland
Entity Title:	Safety Operations Leader
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	JOHN GREEN
Entity Title:	CHIEF ENGINEER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(925) 813-7393

Affiliation Type Desc:	UST Tank Owner
Entity Name:	Kaiser Foundation Hospitals
Entity Title:	Not reported
Affiliation Address:	ONE KAISER PLAZA
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 271-5800

CERS TANKS:

Name:	KAISER FOUNDATION HOSPITAL, ANTIOCH
Address:	4501 SAND CREEK RD
City,State,Zip:	ANTIOCH, CA 94531
Site ID:	395686
CERS ID:	10132219
CERS Description:	Underground Storage Tank

Violations:

Site ID:	395686
Site Name:	Kaiser Foundation Hospital, Antioch
Violation Date:	01-23-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 02/22/2018. OBSERVATION: The business failed to complete and electronically submit a site map with all required content including: north orientation, loading area, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shut offs, evacuation staging area, hazardous materials/waste storage areas and emergency response equipment. The current map was not scanned properly and does not have all the required information. CORRECTIVE ACTION: Complete and electronically submit a site map with all required content.
Violation Division:	Contra Costa County Health Services Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	395686
Site Name:	Kaiser Foundation Hospital, Antioch
Violation Date:	06-08-2016
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure of the overfill prevention system to meet one of the following requirements: Alert the transfer operator when the tank is 90 percent

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.

Violation Notes: Returned to compliance on 07/06/2016.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 02-24-2014
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/27/2014.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 02-24-2014
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 02/27/2014.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 04-22-2013
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 04/22/2013.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 07-19-2018
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description: Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes: Returned to compliance on 08/15/2018.
Violation Division: Contra Costa County Health Services Department

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Violation Program: UST
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 01-23-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 02/28/2018. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. Facility has 2 200gal tanks of Sodium Hypochlorite and Sulfuric Acid stored at the CUP that are not listed on the inventory. CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 02-24-2014
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Training - General
Violation Notes: Returned to compliance on 03/13/2014.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 04-01-2013
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 05/06/2013.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 01-23-2018
Citation: 22 CCR 12 66262.34(e) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(e)
Violation Description: Failure to meet the following conditions of satellite accumulation regulations, ? Accumulate up to 55 gallons of hazardous waste or one quart of acute hazardous waste at or near the initial point of accumulation which was under the control of the operator ? Total time hzardous waste can be accumulated onsite in any generator accumulation area is one year, i.e., the combined accumulation time at a satellite accumulation point and at a 90/180/270 accumulation area (depending on

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

	size of generator and distance transported), whichever comes first. ? The generator complies with sections 66265.171, 66264.172, and 66265.173(a). ? The container must be clearly marked with the initial date that hazardous waste is first placed in the container and labelled with the words ?Hazardous Waste? including specified information ? Container must be labelled with the date the satellite accumulation limit is reached and moved within three days after reaching the 55 gallon (or one quart) limit to a ?90 day? accumulation area ? 55 gallons (or one quart of acute hazardous waste) of waste per process may be accumulated
Violation Notes:	Returned to compliance on 01/23/2018. OBSERVATION: Failure of the Owner/Operator to comply with one or more satellite accumulation requirements [In patient clinical lab satellite container did not have a start date]. CORRECTIVE ACTION: Ensure that all hazardous wastes being accumulated pursuant to satellite accumulation meet all applicable requirements and submit documentation of compliance to the CUPA. {Label container with start date corrected on site}
Violation Division:	Contra Costa County Health Services Department
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	395686
Site Name:	Kaiser Foundation Hospital, Antioch
Violation Date:	06-17-2015
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 08/19/2015.
Violation Division:	Contra Costa County Health Services Department
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-23-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	HWLQG
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-11-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-22-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-26-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-17-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-19-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-02-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-22-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Eval General Type:	Other/Unknown
Eval Date:	05-06-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	07-19-2018
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	10-27-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-23-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-10-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	03-23-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	06-08-2016
Violations Found:	Yes

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-24-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-16-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-01-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-22-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-07-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-17-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 01-23-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 01-23-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: HWLQG
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 02-24-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Enf Action Date: 04-01-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 04-22-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 06-08-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 06-17-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 07-19-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Enf Action Program: UST
Enf Action Source: CERS

Coordinates:
Site ID: 395686
Facility Name: Kaiser Foundation Hospital, Antioch
Env Int Type Code: HMBP
Program ID: 10132219
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.952133
Longitude: -121.774452

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Contra Costa County Health Services Department
Entity Title: Not reported
Affiliation Address: 4585 Pacheco BlvdSuite 100
Affiliation City: Martinez
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94553
Affiliation Phone: (925) 335-3200

Affiliation Type Desc: Document Preparer
Entity Name: Amish Waland
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: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: EH&S Sand Creek 4th flr 4501 Sand Creek Rd
Affiliation City: Antioch
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94531
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Kaiser Permanente
Entity Title: Not reported
Affiliation Address: 1 Kaiser Plaza
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94612
Affiliation Phone: (510) 752-1000

Affiliation Type Desc: Parent Corporation
Entity Name: Kaiser Foundation Hospital, Antioch

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

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:	Operator
Entity Name:	Kaiser Foundation Hospital - Antioch Medical Center
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:	(925) 813-6500
Affiliation Type Desc:	Property Owner
Entity Name:	Kaiser Permanente
Entity Title:	Not reported
Affiliation Address:	1 Kaiser Plaza
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 752-1000
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	ONE KAISER PLAZA
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 271-5800
Affiliation Type Desc:	UST Tank Operator
Entity Name:	KAISER PERMANENTE ANTIOCH MEDICAL CENTER-ATTN:CHIEF ENGINEER
Entity Title:	Not reported
Affiliation Address:	4501 SAND CREEK ROAD
Affiliation City:	ANTIOCH
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94531
Affiliation Phone:	(925) 813-6044
Affiliation Type Desc:	Environmental Contact
Entity Name:	Amish Waland
Entity Title:	Not reported
Affiliation Address:	4501 Sand Creek Rd
Affiliation City:	Antioch
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94531
Affiliation Phone:	Not reported

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Affiliation Type Desc:	Identification Signer
Entity Name:	Amish Waland
Entity Title:	Safety Operations Leader
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:	UST Permit Applicant
Entity Name:	JOHN GREEN
Entity Title:	CHIEF ENGINEER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(925) 813-7393

Affiliation Type Desc:	UST Tank Owner
Entity Name:	Kaiser Foundation Hospitals
Entity Title:	Not reported
Affiliation Address:	ONE KAISER PLAZA
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 271-5800

CHMIRS:

Name:	Not reported
Address:	4501 SAND CREEK ROAD
City,State,Zip:	ANTIOCH, CA 94531
OES Incident Number:	16-3448
OES notification:	06/08/2016
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Other
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1100
Year:	2016
Agency:	Safety Officer - Kaiser Permanente
Incident Date:	06/07/2016
Admin Agency:	Contra Costa County Health Services Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Diesel
Quantity Released:	100
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	Caller stated that they have a release of less then 100 Gal(s) of diesel due to an overfilling of a tank resulting in the release impacting gravel/soil, no waterways were impacted, release is contained and is no longer releasing, contractor is on scene co

EMI:

Name:	KAISER ANTIOCH DEER VALLEY
Address:	4501 SAND CREEK RD
City,State,Zip:	ANTIOCH, CA 94531

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Year:	2006
County Code:	7
Air Basin:	SF
Facility ID:	16855
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.115
Reactive Organic Gases Tons/Yr:	.0589155
Carbon Monoxide Emissions Tons/Yr:	.575
NOX - Oxides of Nitrogen Tons/Yr:	2.558
SOX - Oxides of Sulphur Tons/Yr:	.026
Particulate Matter Tons/Yr:	.062
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.061808

Name:	KAISER ANTIOCH DEER VALLEY
Address:	4501 SAND CREEK RD
City,State,Zip:	ANTIOCH, CA 91304
Year:	2007
County Code:	7
Air Basin:	SF
Facility ID:	16855
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.365
Reactive Organic Gases Tons/Yr:	.160735
Carbon Monoxide Emissions Tons/Yr:	2.061
NOX - Oxides of Nitrogen Tons/Yr:	8.48
SOX - Oxides of Sulphur Tons/Yr:	.04
Particulate Matter Tons/Yr:	.207
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.20676

Name:	KAISER ANTIOCH DEER VALLEY
Address:	4501 SAND CREEK RD
City,State,Zip:	ANTIOCH, CA 94509
Year:	2008
County Code:	7
Air Basin:	SF
Facility ID:	16855
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.476
Reactive Organic Gases Tons/Yr:	.2075992
Carbon Monoxide Emissions Tons/Yr:	2.061
NOX - Oxides of Nitrogen Tons/Yr:	8.48
SOX - Oxides of Sulphur Tons/Yr:	.04
Particulate Matter Tons/Yr:	.207
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.20676

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Name:	KAISER ANTIOCH DEER VALLEY
Address:	4501 SAND CREEK RD
City,State,Zip:	ANTIOCH, CA 94509
Year:	2009
County Code:	7
Air Basin:	SF
Facility ID:	16855
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.23699999999999999
Reactive Organic Gases Tons/Yr:	0.1042064
Carbon Monoxide Emissions Tons/Yr:	0.93999999999999995
NOX - Oxides of Nitrogen Tons/Yr:	3.9740000000000002
SOX - Oxides of Sulphur Tons/Yr:	0.024
Particulate Matter Tons/Yr:	0.12217213114754
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.122

Name:	KAISER ANTIOCH DEER VALLEY
Address:	4501 SAND CREEK RD
City,State,Zip:	ANTIOCH, CA 94509
Year:	2010
County Code:	7
Air Basin:	SF
Facility ID:	16855
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.21199999999999999
Reactive Organic Gases Tons/Yr:	9.0255699999999994E-2
Carbon Monoxide Emissions Tons/Yr:	0.82599999999999996
NOX - Oxides of Nitrogen Tons/Yr:	3.4580000000000002
SOX - Oxides of Sulphur Tons/Yr:	0.024
Particulate Matter Tons/Yr:	0.106073770491803
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.106

Name:	KAISER ANTIOCH DEER VALLEY
Address:	4501 SAND CREEK RD
City,State,Zip:	ANTIOCH, CA 94509
Year:	2011
County Code:	7
Air Basin:	SF
Facility ID:	16855
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.212
Reactive Organic Gases Tons/Yr:	0.0902557
Carbon Monoxide Emissions Tons/Yr:	0.826
NOX - Oxides of Nitrogen Tons/Yr:	3.458
SOX - Oxides of Sulphur Tons/Yr:	0.024

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: KAISER ANTIOCH DEER VALLEY
Address: 4501 SAND CREEK RD
City,State,Zip: ANTIOCH, CA 94509
Year: 2012
County Code: 7
Air Basin: SF
Facility ID: 16855
Air District Name: BA
SIC Code: 8062
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.212
Reactive Organic Gases Tons/Yr: 0.0902557
Carbon Monoxide Emissions Tons/Yr: 0.826
NOX - Oxides of Nitrogen Tons/Yr: 3.458
SOX - Oxides of Sulphur Tons/Yr: 0.024
Particulate Matter Tons/Yr: 0.10607377049
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.106

Name: KAISER ANTIOCH DEER VALLEY
Address: 4501 SAND CREEK RD
City,State,Zip: ANTIOCH, CA 94509
Year: 2013
County Code: 7
Air Basin: SF
Facility ID: 16855
Air District Name: BA
SIC Code: 8062
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.221
Reactive Organic Gases Tons/Yr: 0.0974472
Carbon Monoxide Emissions Tons/Yr: 0.851
NOX - Oxides of Nitrogen Tons/Yr: 3.623
SOX - Oxides of Sulphur Tons/Yr: 0.02
Particulate Matter Tons/Yr: 0.112
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.112

Name: KAISER ANTIOCH DEER VALLEY
Address: 4501 SAND CREEK RD
City,State,Zip: ANTIOCH, CA 94531
Year: 2014
County Code: 7
Air Basin: SF
Facility ID: 16855
Air District Name: BA
SIC Code: 8062
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.223269741
Reactive Organic Gases Tons/Yr: 0

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Carbon Monoxide Emissions Tons/Yr:	0.82768848
NOX - Oxides of Nitrogen Tons/Yr:	3.576897708
SOX - Oxides of Sulphur Tons/Yr:	0.144415778
Particulate Matter Tons/Yr:	0.121665102
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.121170244

Name:	KAISER ANTIOCH DEER VALLEY
Address:	4501 SAND CREEK RD
City,State,Zip:	ANTIOCH, CA 94531
Year:	2015
County Code:	7
Air Basin:	SF
Facility ID:	16855
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.205219572
Reactive Organic Gases Tons/Yr:	0.153099038
Carbon Monoxide Emissions Tons/Yr:	0.736550126
NOX - Oxides of Nitrogen Tons/Yr:	3.137459721
SOX - Oxides of Sulphur Tons/Yr:	0.01464773
Particulate Matter Tons/Yr:	0.107985152
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.107898307

Name:	KAISER ANTIOCH DEER VALLEY
Address:	4501 SAND CREEK RD
City,State,Zip:	ANTIOCH, CA 94531
Year:	2016
County Code:	7
Air Basin:	SF
Facility ID:	16855
Air District Name:	BA
SIC Code:	8062
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.197877691
Reactive Organic Gases Tons/Yr:	0.087390787946
Carbon Monoxide Emissions Tons/Yr:	0.723688376
NOX - Oxides of Nitrogen Tons/Yr:	3.077051638
SOX - Oxides of Sulphur Tons/Yr:	0.049113415
Particulate Matter Tons/Yr:	0.104179702
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.104066156

CONTRA COSTA CO. SITE LIST:

Name:	KAISER FOUNDATION HOSPITAL, ANTIOCH
Address:	4501 SAND CREEK RD
City:	ANTIOCH
Facility ID:	FA0030225
Billing Status:	ACTIVE, BILLABLE
Program Status:	CONTRA COSTA CO. SITE LIST
Program/Elements:	HMBP: >250K-500K LBS, 20+ EMPLOYEES
Region:	CONTRA COSTA
Cupa Number:	773556

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Name: KAISER FOUNDATION HOSPITAL, ANTIOCH
Address: 4501 SAND CREEK RD
City: ANTIOCH
Facility ID: FA0030225
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: RCRA LQG: LESS THAN 5 TONS/YEAR
Region: CONTRA COSTA
Cupa Number: 773556

Name: KAISER FOUNDATION HOSPITAL, ANTIOCH
Address: 4501 SAND CREEK RD
City: ANTIOCH
Facility ID: FA0030225
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: UNDERGROUND STORAGE TANK SITE
Region: CONTRA COSTA
Cupa Number: 773556

Name: KAISER FOUNDATION HOSPITAL, ANTIOCH
Address: 4501 SAND CREEK RD
City: ANTIOCH
Facility ID: FA0030225
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: RCRA LQG LEGACY PROGRAM
Region: CONTRA COSTA
Cupa Number: 773556

CERS:
Name: KAISER ANTIOCH DEER VALLEY
Address: 4501 SAND CREEK RD
City,State,Zip: ANTIOCH, CA 94531
Site ID: 475247
CERS ID: 110054241003
CERS Description: US EPA Air Emission Inventory System (EIS)

Name: KAISER FOUNDATION HOSPITAL, ANTIOCH
Address: 4501 SAND CREEK RD
City,State,Zip: ANTIOCH, CA 94531
Site ID: 395686
CERS ID: 10132219
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 01-23-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 02/22/2018. OBSERVATION: The business failed to complete and electronically submit a site map with all required content including: north orientation, loading area, internal roads, adjacent streets, storm and sewer drains, access and exit points,

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

emergency shut offs, evacuation staging area, hazardous materials/waste storage areas and emergency response equipment. The current map was not scanned properly and does not have all the required information. CORRECTIVE ACTION: Complete and electronically submit a site map with all required content.

Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 06-08-2016
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure of the overfill prevention system to meet one of the following requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.
Violation Notes: Returned to compliance on 07/06/2016.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 02-24-2014
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/27/2014.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 02-24-2014
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 02/27/2014.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 04-22-2013
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95,

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 04/22/2013.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 07-19-2018
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description: Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes: Returned to compliance on 08/15/2018.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 01-23-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 02/28/2018. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. Facility has 2 200gal tanks of Sodium Hypochlorite and Sulfuric Acid stored at the CUP that are not listed on the inventory. CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Division: Contra Costa County Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 02-24-2014
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Training - General
Violation Notes: Returned to compliance on 03/13/2014.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Violation Date: 04-01-2013
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 05/06/2013.

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Violation Division:	Contra Costa County Health Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	395686
Site Name:	Kaiser Foundation Hospital, Antioch
Violation Date:	01-23-2018
Citation:	22 CCR 12 66262.34(e) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(e)
Violation Description:	Failure to meet the following conditions of satellite accumulation regulations, ? Accumulate up to 55 gallons of hazardous waste or one quart of acute hazardous waste at or near the initial point of accumulation which was under the control of the operator ? Total time hzardous waste can be accumulated onsite in any generator accumulation area is one year, i.e., the combined accumulation time at a satellite accumulation point and at a 90/180/270 accumulation area (depending on size of generator and distance transported), whichever comes first. ? The generator complies with sections 66265.171, 66264.172, and 66265.173(a). ? The container must be clearly marked with the initial date that hazardous waste is first placed in the container and labelled with the words ?Hazardous Waste? including specified information ? Container must be labelled with the date the satellite accumulation limit is reached and moved within three days after reaching the 55 gallon (or one quart) limit to a ?90 day? accumulation area ? 55 gallons (or one quart of acute hazardous waste) of waste per process may be accumulated
Violation Notes:	Returned to compliance on 01/23/2018. OBSERVATION: Failure of the Owner/Operator to comply with one or more satellite accumulation requirements [In patient clinical lab satellite container did not have a start date]. CORRECTIVE ACTION: Ensure that all hazardous wastes being accumulated pursuant to satellite accumulation meet all applicable requirements and submit documentation of compliance to the CUPA. {Label container with start date corrected on site}
Violation Division:	Contra Costa County Health Services Department
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	395686
Site Name:	Kaiser Foundation Hospital, Antioch
Violation Date:	06-17-2015
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 08/19/2015.
Violation Division:	Contra Costa County Health Services Department
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-23-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	HWLQG
Eval Source:	CERS

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-22-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-26-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-17-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-19-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-02-2017
Violations Found: No

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-22-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-06-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-19-2018
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-27-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-23-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-10-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-23-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-08-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-24-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-16-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-01-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-22-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-07-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-17-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 01-23-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 01-23-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: HWLQG
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 02-24-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 04-01-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 04-22-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 06-08-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 395686
Site Name: Kaiser Foundation Hospital, Antioch
Site Address: 4501 SAND CREEK RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 06-17-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Enf Action Notes:	Not reported
Enf Action Division:	Contra Costa County Health Services Department
Enf Action Program:	HMRRP
Enf Action Source:	CERS
Site ID:	395686
Site Name:	Kaiser Foundation Hospital, Antioch
Site Address:	4501 SAND CREEK RD
Site City:	ANTIOCH
Site Zip:	94531
Enf Action Date:	07-19-2018
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Contra Costa County Health Services Department
Enf Action Program:	UST
Enf Action Source:	CERS

Coordinates:

Site ID:	395686
Facility Name:	Kaiser Foundation Hospital, Antioch
Env Int Type Code:	HMBP
Program ID:	10132219
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	37.952133
Longitude:	-121.774452

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Contra Costa County Health Services Department
Entity Title:	Not reported
Affiliation Address:	4585 Pacheco BlvdSuite 100
Affiliation City:	Martinez
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94553
Affiliation Phone:	(925) 335-3200
Affiliation Type Desc:	Document Preparer
Entity Name:	Amish Waland
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:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	EH&S Sand Creek 4th flr 4501 Sand Creek Rd
Affiliation City:	Antioch
Affiliation State:	CA
Affiliation Country:	Not reported

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Affiliation Zip:	94531
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Kaiser Permanente
Entity Title:	Not reported
Affiliation Address:	1 Kaiser Plaza
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 752-1000
Affiliation Type Desc:	Parent Corporation
Entity Name:	Kaiser Foundation Hospital, Antioch
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:	Operator
Entity Name:	Kaiser Foundation Hospital - Antioch Medical Center
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:	(925) 813-6500
Affiliation Type Desc:	Property Owner
Entity Name:	Kaiser Permanente
Entity Title:	Not reported
Affiliation Address:	1 Kaiser Plaza
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 752-1000
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	ONE KAISER PLAZA
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 271-5800
Affiliation Type Desc:	UST Tank Operator
Entity Name:	KAISER PERMANENTE ANTIOCH MEDICAL CENTER-ATTN:CHIEF ENGINEER
Entity Title:	Not reported
Affiliation Address:	4501 SAND CREEK ROAD

KAISER ANTIOCH DEER VALLEY (Continued) **S107022515**

Affiliation City:	ANTIOCH
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94531
Affiliation Phone:	(925) 813-6044
Affiliation Type Desc:	Environmental Contact
Entity Name:	Amish Waland
Entity Title:	Not reported
Affiliation Address:	4501 Sand Creek Rd
Affiliation City:	Antioch
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94531
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Amish Waland
Entity Title:	Safety Operations Leader
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:	UST Permit Applicant
Entity Name:	JOHN GREEN
Entity Title:	CHIEF ENGINEER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(925) 813-7393
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Kaiser Foundation Hospitals
Entity Title:	Not reported
Affiliation Address:	ONE KAISER PLAZA
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 271-5800

D12 **KAISER FOUNDATION HOSPITAL ANTIOCH MEDIC** **FINDS 1008387775**
East **4501 SAND CREEK RD** **ECHO N/A**
1/2-1 **ANTIOCH, CA 94531**
0.865 mi.
4569 ft. **Site 3 of 6 in cluster D**

Relative: FINDS:
Lower

Actual: Registry ID: 110022527933
224 ft.

Environmental Interest/Information System

KAISER FOUNDATION HOSPITAL ANTIOCH MEDIC (Continued) **1008387775**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1008387775
Registry ID:	110022527933
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110022527933

D13 **KAISER FOUNDATION HOSPITAL ANTIOCH MEDIC** **HAZNET** **S113177845**
East **4501 SAND CREEK RD** **N/A**
1/2-1 **ANTIOCH, CA 94531**
0.865 mi.
4569 ft. **Site 4 of 6 in cluster D**

Relative: **Lower**

Actual: **224 ft.**

HAZNET:

Name:	KAISER FOUNDATION HOSPITAL ANTIOCH MEDIC
Address:	4501 SAND CREEK RD
City,State,Zip:	ANTIOCH, CA 945318687
Year:	2017
GEPAID:	CAR000164004
Contact:	MATTHEW HURAY
Telephone:	3016257462
Mailing Name:	Not reported
Mailing Address:	1800 HARRISON ST
Mailing City,St,Zip:	OAKLAND, CA 946125103
Gen County:	Contra Costa
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Tons:	0.0065
CA Waste Code:	181-Other inorganic solid waste
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Contra Costa

Name:	KAISER FOUNDATION HOSPITAL ANTIOCH MEDIC
Address:	4501 SAND CREEK RD
City,State,Zip:	ANTIOCH, CA 945318687
Year:	2017
GEPAID:	CAR000164004
Contact:	MATTHEW HURAY
Telephone:	3016257462
Mailing Name:	Not reported
Mailing Address:	1800 HARRISON ST
Mailing City,St,Zip:	OAKLAND, CA 946125103
Gen County:	Contra Costa

KAISER FOUNDATION HOSPITAL ANTIOCH MEDIC (Continued) **S113177845**

TSD EPA ID: UTD981552177
TSD County: 99
Tons: 0.0115
CA Waste Code: 551-Laboratory waste chemicals
Method: H040-Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County: Contra Costa

Name: KAISER FOUNDATION HOSPITAL ANTIOCH MEDIC
Address: 4501 SAND CREEK RD
City,State,Zip: ANTIOCH, CA 945318687
Year: 2017
GEPAID: CAR000164004
Contact: MATTHEW HURAY
Telephone: 3016257462
Mailing Name: Not reported
Mailing Address: 1800 HARRISON ST
Mailing City,St,Zip: OAKLAND, CA 946125103
Gen County: Contra Costa
TSD EPA ID: UTD981552177
TSD County: 99
Tons: 0.003
CA Waste Code: 181-Other inorganic solid waste
Method: H040-Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County: Contra Costa

Name: KAISER FOUNDATION HOSPITAL ANTIOCH MEDIC
Address: 4501 SAND CREEK RD
City,State,Zip: ANTIOCH, CA 945318687
Year: 2017
GEPAID: CAR000164004
Contact: MATTHEW HURAY
Telephone: 3016257462
Mailing Name: Not reported
Mailing Address: 1800 HARRISON ST
Mailing City,St,Zip: OAKLAND, CA 946125103
Gen County: Contra Costa
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Tons: 0.028
CA Waste Code: 213-Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Contra Costa

Name: KAISER FOUNDATION HOSPITAL ANTIOCH MEDIC
Address: 4501 SAND CREEK RD
City,State,Zip: ANTIOCH, CA 945318687
Year: 2017
GEPAID: CAR000164004
Contact: MATTHEW HURAY
Telephone: 3016257462
Mailing Name: Not reported
Mailing Address: 1800 HARRISON ST
Mailing City,St,Zip: OAKLAND, CA 946125103
Gen County: Contra Costa
TSD EPA ID: CAD059494310
TSD County: Santa Clara

KAISER FOUNDATION HOSPITAL ANTIOCH MEDIC (Continued) **S113177845**

Tons: 0.658
CA Waste Code: 551-Laboratory waste chemicals
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Contra Costa

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

D14 East 1/2-1 0.865 mi. 4569 ft. **KAISER FOUNDATION HOSPITAL ANTIOCH MEDIC** **RCRA-LQG 1008372184**
4501 SAND CREEK **FINDS CAR000164004**
ANTIOCH, CA 94531

Site 5 of 6 in cluster D

Relative: Lower

Actual: 224 ft.

RCRA-LQG:
Date form received by agency: 11/05/2018
Facility name: KAISER FOUNDATION HOSPITAL ANTIOCH MEDIC
Facility address: 4501 SAND CREEK
ANTIOCH, CA 94531-8687
EPA ID: CAR000164004
Mailing address: SAND CREEK
ANTIOCH, CA 94531-8687
Contact: CATHY PHILLIPS
Contact address: SAND CREEK RD
ANTIOCH, CA 94531
Contact country: US
Contact telephone: 925-813-3977
Contact email: CATHY.PHILLIPS@KP.ORG
EPA Region: 09
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: KAISER PERMANENTE
Owner/operator address: 1 KAISER PLAZA
OAKLAND, CA 94612
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1952

KAISER FOUNDATION HOSPITAL ANTIOCH MEDIC (Continued) **1008372184**

Owner/Op end date: Not reported

Owner/operator name: KAISER PERMANENTE
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1952
Owner/Op end date: Not reported

Owner/operator name: KAISER FOUNDATION HOSPITALS
Owner/operator address: KAISER PLAZA
OAKLAND, CA 94612
Owner/operator country: US
Owner/operator telephone: 510-271-5800
Owner/operator email: COLLEEN.MCKEOWN@KP.ORG
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 09/16/2007
Owner/Op end date: Not reported

Owner/operator name: KAISER FOUNDATION HOSPITALS
Owner/operator address: KAISER PLAZA
OAKLAND, CA 94612
Owner/operator country: US
Owner/operator telephone: 510-271-5800
Owner/operator email: GUY.C.QVISTGAARD@KP.ORG
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/16/2007
Owner/Op end date: Not reported

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

KAISER FOUNDATION HOSPITAL ANTIOCH MEDIC (Continued) **1008372184**

Universal Waste Summary:
Waste type: Thermostats
Accumulated waste on-site: Not reported
Generated waste on-site: Yes

Waste type: Batteries
Accumulated waste on-site: Not reported
Generated waste on-site: Yes

Waste type: Lamps
Accumulated waste on-site: Not reported
Generated waste on-site: Yes

Historical Generators:
Date form received by agency: 03/07/2016
Site name: KAISER PERMANENTE ANTIOCH MEDICAL CENTER
Classification: Large Quantity Generator

Date form received by agency: 07/12/2006
Site name: KAISER FOUNDATION HOSPITAL ANTIOCH
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/06/2005
Site name: KAISER FOUNDATION HOSPITAL ANTIOCH MEDIC
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 212
. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 213
. Waste name: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: 551
. Waste name: Laboratory waste chemicals

. Waste code: 791
. Waste name: Liquids with pH < 2

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003

KAISER FOUNDATION HOSPITAL ANTIOCH MEDIC (Continued) **1008372184**

. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

. Waste code: U010
. Waste name: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-MET HOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

KAISER FOUNDATION HOSPITAL ANTIOCH MEDIC (Continued) **1008372184**

. Waste code: U188
. Waste name: PHENOL

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 1095

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 28

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Amount (Lbs): 8

Waste code: D004
Waste name: ARSENIC
Amount (Lbs): 92

Waste code: D011
Waste name: SILVER
Amount (Lbs): 184

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 947

Waste code: P012

KAISER FOUNDATION HOSPITAL ANTIOCH MEDIC (Continued) **1008372184**

Waste name: ARSENIC OXIDE AS2O3
Amount (Lbs): 92

Waste code: U010
Waste name: AZIRINO[2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA,8AALPHA,8BALPHA)]-
Amount (Lbs): 174

Waste code: U188
Waste name: PHENOL
Amount (Lbs): 11

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 01/23/2018
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110055776183

Environmental Interest/Information System
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

D15 **KAISER FOUNDATION HOSPITAL, ANTIOCH** **UST** **U004261567**
East **4501 SAND CREEK RD** **N/A**
1/2-1 **ANTIOCH, CA 94531**
0.865 mi.
4569 ft. **Site 6 of 6 in cluster D**

Relative:
Lower

Actual:
224 ft.

UST:
Name: KAISER FOUNDATION HOSPITAL, ANTIOCH
Address: 4501 SAND CREEK RD
City,State,Zip: ANTIOCH, CA 94531
Facility ID: 07-000-773556
Permitting Agency: Contra Costa County Health Services Department
Latitude: 37.949208
Longitude: -121.777431

16
SW
1/2-1
0.884 mi.
4667 ft.

HORSE VALLEY CREEK AND WETLAND RESTORATION PROJECT
EMPIRE MINE ROAD
ANTIOCH, CA 94513

NPDES **S122495429**
CIWQS **N/A**

Relative:
Higher

Actual:
385 ft.

NPDES:

Name:	HORSE VALLEY CREEK AND WETLAND RESTORATION PROJECT
Address:	EMPIRE MINE ROAD
City,State,Zip:	ANTIOCH, CA 94513
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	5S07C384172
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	01/24/2019
Operator Name:	East Bay Regional Park District
Operator Address:	2950 Peralta Oaks Court
Operator City:	Oakland
Operator State:	California
Operator Zip:	94605

Name:	HORSE VALLEY CREEK AND WETLAND RESTORATION PROJECT
Address:	EMPIRE MINE ROAD
City,State,Zip:	ANTIOCH, CA 94513
Facility Status:	Terminated
NPDES Number:	CAS000002
Region:	5S
Agency Number:	0
Regulatory Measure ID:	499661
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	5S07C384172
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/03/2018
Termination Date Of Regulatory Measure:	01/24/2019
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	2950 Peralta Oaks Court
Discharge Name:	East Bay Regional Park District
Discharge City:	Oakland
Discharge State:	California
Discharge Zip:	94605

HORSE VALLEY CREEK AND WETLAND RESTORATION PROJECT (Continued) **S122495429**

Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

CIWQS:

Name:	HORSE VALLEY CREEK AND WETLAND RESTORATION PROJECT
Address:	EMPIRE MINE ROAD
City,State,Zip:	ANTIOCH, CA 94513
Agency:	East Bay Regional Park District
Agency Address:	2950 Peralta Oaks Court, Oakland, CA 94605
Place/Project Type:	Construction
SIC/NAICS:	Not reported
Region:	5S
Program:	CONSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	5S07C384172
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	08/03/2018
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.939163
Longitude:	-121.802597

---

17 **855 911 KAISER DEER VALLEY ANT** **CIWQS** **S121617900**
East **6500 DEER VALLEY RD** **N/A**
1/2-1 **ANTIOCH, CA 94531**
0.909 mi.
4799 ft.

Relative:
Lower

Actual:
209 ft.

CIWQS:

Name:	855 911 KAISER DEER VALLEY ANT
Address:	6500 DEER VALLEY RD
City,State,Zip:	ANTIOCH, CA 94531
Agency:	Kaiser Foundation Health Plan
Agency Address:	1630 Newell Ave Ste 203, Walnut Creek, CA 94596
Place/Project Type:	Construction - Commercial, Transportation
SIC/NAICS:	Not reported
Region:	5S
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	99-08DW
WDID:	5S07C318015
NPDES Number:	CAS000002

855 911 KAISER DEER VALLEY ANT (Continued) **S121617900**

Adoption Date:	Not reported
Effective Date:	05/09/2002
Termination Date:	05/26/2004
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.94646
Longitude:	-121.774327

---

18 **JUAN T ELIAS** **PEST LIC** **S117651390**
North **1848 CROWN PEAK WAY** **N/A**
1/2-1 **ANTIOCH, CA 94531**
0.922 mi.
4866 ft.

Relative: **Lower**
Actual: **244 ft.**

PEST LIC:

Name:	JUAN T ELIAS
Address:	1848 CROWN PEAK WAY
City,State,Zip:	ANTIOCH, CA 94531
Facility Type:	QAC
Categories:	B
License No:	95637
Issued or Renewed Date:	01/01/2019
Expiration Date:	12/31/2020

---

19 **DALLAS RNCH PARK** **CIWQS** **S121632790**
NNW **PREWETT RANCH RD & CEDAR RIDGE WAY** **N/A**
1/2-1 **ANTIOCH, CA 94531**
0.943 mi.
4979 ft.

Relative: **Higher**
Actual: **294 ft.**

CIWQS:

Name:	DALLAS RNCH PARK
Address:	PREWETT RANCH RD & CEDAR RIDGE WAY
City,State,Zip:	ANTIOCH, CA 94531
Agency:	KB Home South Bay Inc
Agency Address:	5431 West Dori Ave, Fresno, CA 93722
Place/Project Type:	Construction - Other
SIC/NAICS:	Not reported
Region:	5S
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	99-08DW
WDID:	5S07C325853
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	02/11/2004
Termination Date:	07/01/2005
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported

DALLAS RNCH PARK (Continued) **S121632790**

Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	Not reported
Longitude:	Not reported

---

20 **COMING CLEAN MBL DRY CLG SVC** **EDR Hist Cleaner** **1019961086**
ENE **5400 BUFFALO CT** **N/A**
1/2-1 **ANTIOCH, CA 94531**
0.962 mi.
5080 ft.

Relative: EDR Hist Cleaner
Lower

Actual:
207 ft.

Year:	Name:	Type:
2000	COMING CLEAN MBL DRY CLG SVC	Drycleaning Plants, Except Rugs
2001	COMING CLEAN MBL DRY CLG SVC	Drycleaning Plants, Except Rugs
2002	COMING CLEAN MBL DRY CLG SVC	Drycleaning Plants, Except Rugs
2003	COMING CLEAN MBL DRY CLG SVC	Drycleaning Plants, Except Rugs
2004	COMING CLEAN MBL DRY CLG SVC	Drycleaning Plants, Except Rugs
2005	COMING CLEAN MBL DRY CLG SVC	Drycleaning Plants, Except Rugs
2006	COMING CLEAN MBL DRY CLG SVC	Drycleaning Plants, Except Rugs
2007	COMING CLEAN MBL DRY CLG SVC	Drycleaning Plants, Except Rugs
2008	COMING CLEAN MBL DRY CLG SVC	Drycleaning Plants, Except Rugs

---

E21 **KAISER HOSPITAL ANTIOCH** **CIWQS** **S121647970**
NE **5601 DEER VALLEY RD** **N/A**
1/2-1 **ANTIOCH, CA 94531**
0.976 mi.
5151 ft. **Site 1 of 3 in cluster E**

Relative: CIWQS:
Lower

Actual:
196 ft.

Name:	KAISER HOSPITAL ANTIOCH
Address:	5601 DEER VALLEY RD
City,State,Zip:	ANTIOCH, CA 94531
Agency:	Kaiser Foundation Health Plan
Agency Address:	1630 Newell Ave Ste 203, Walnut Creek, CA 94596
Place/Project Type:	Construction - Commercial, Utility
SIC/NAICS:	Not reported
Region:	5S
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	99-08DW
WDID:	5S07C328905
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	07/22/2004
Termination Date:	09/23/2009
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0

KAISER HOSPITAL ANTIOCH (Continued) **S121647970**

Violations within 5 years: 0
Latitude: 37.957459
Longitude: -121.777795

E22
NE
1/2-1
0.976 mi.
5151 ft.

KAISER PERMANENTE MEDICAL OFFICE BLD
5601 DEER VALLEY RD
ANTIOCH, CA 94531

Site 2 of 3 in cluster E

HAZNET **S113130699**
N/A

Relative:
Lower

Actual:
196 ft.

HAZNET:

Name:	KAISER PERMANENTE MEDICAL OFFICE BLD
Address:	5601 DEER VALLEY RD
City,State,Zip:	ANTIOCH, CA 94531
Year:	2007
GEPAID:	CAL000279206
Contact:	AMISH WALAND
Telephone:	9258133977
Mailing Name:	Not reported
Mailing Address:	1800 HARRISON ST 6TH FL NEH&S
Mailing City,St,Zip:	OAKLAND, CA 946120000
Gen County:	Contra Costa
TSD EPA ID:	CAD983600339
TSD County:	Alameda
Tons:	0.6255
CA Waste Code:	541-Photochemicals/photoprocessing waste
Method:	H010-Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Facility County:	Contra Costa

Name:	KAISER PERMANENTE MEDICAL OFFICE BLD
Address:	5601 DEER VALLEY RD
City,State,Zip:	ANTIOCH, CA 94531
Year:	2007
GEPAID:	CAL000279206
Contact:	AMISH WALAND
Telephone:	9258133977
Mailing Name:	Not reported
Mailing Address:	1800 HARRISON ST 6TH FL NEH&S
Mailing City,St,Zip:	OAKLAND, CA 946120000
Gen County:	Contra Costa
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Tons:	0.014
CA Waste Code:	551-Laboratory waste chemicals
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Contra Costa

Name:	KAISER PERMANENTE MEDICAL OFFICE BLD
Address:	5601 DEER VALLEY RD
City,State,Zip:	ANTIOCH, CA 94531
Year:	2006
GEPAID:	CAL000279206
Contact:	AMISH WALAND
Telephone:	9258133977
Mailing Name:	Not reported
Mailing Address:	1800 HARRISON ST 6TH FL NEH&S
Mailing City,St,Zip:	OAKLAND, CA 946120000

KAISER PERMANENTE MEDICAL OFFICE BLD (Continued) **S113130699**

Gen County: Contra Costa
TSD EPA ID: CAD983600339
TSD County: Alameda
Tons: 0.3753
CA Waste Code: 541-Photochemicals/photoprocessing waste
Method: -
Facility County: Contra Costa

Name: KAISER PERMANENTE MEDICAL OFFICE BLD
Address: 5601 DEER VALLEY RD
City,State,Zip: ANTIOCH, CA 94531
Year: 2006
GEPAID: CAL000279206
Contact: AMISH WALAND
Telephone: 9258133977
Mailing Name: Not reported
Mailing Address: 1800 HARRISON ST 6TH FL NEH&S
Mailing City,St,Zip: OAKLAND, CA 946120000
Gen County: Contra Costa
TSD EPA ID: CAD983600339
TSD County: Alameda
Tons: 0.3336
CA Waste Code: 541-Photochemicals/photoprocessing waste
Method: R01-Recycler
Facility County: Contra Costa

Name: KAISER PERMANENTE MEDICAL OFFICE BLD
Address: 5601 DEER VALLEY RD
City,State,Zip: ANTIOCH, CA 94531
Year: 2005
GEPAID: CAL000279206
Contact: AMISH WALAND
Telephone: 9258133977
Mailing Name: Not reported
Mailing Address: 1800 HARRISON ST 6TH FL NEH&S
Mailing City,St,Zip: OAKLAND, CA 946120000
Gen County: Contra Costa
TSD EPA ID: CAD983600339
TSD County: Alameda
Tons: Not reported
CA Waste Code: -
Method: D81-Disposal, Land Application
Facility County: Contra Costa

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

E23 **AMEC** **HAZNET** **S112929829**
NE **5601 DEER VALLEY RD** **N/A**
1/2-1 **ANTIOCH, CA 94531**
0.976 mi.
5151 ft. **Site 3 of 3 in cluster E**

Relative: HAZNET:
Lower
Name: AMEC
Actual: Address: 5601 DEER VALLEY RD
196 ft. City,State,Zip: ANTIOCH, CA 94531
Year: 2003

AMEC (Continued) **S112929829**

GEPAID: CAC002565263
Contact: JAMES ROBINSON
Telephone: 4157203188
Mailing Name: Not reported
Mailing Address: 311 CALIFORNIA ST STE 200
Mailing City,St,Zip: SAN FRANCISCO, CA 94104
Gen County: Contra Costa
TSD EPA ID: CAD980675276
TSD County: Kern
Tons: 75.852
CA Waste Code: 181-Other inorganic solid waste
Method: D80-Disposal, Land Fill
Facility County: Contra Costa

Name: AMEC
Address: 5601 DEER VALLEY RD
City,State,Zip: ANTIOCH, CA 94531
Year: 2003
GEPAID: CAC002565263
Contact: JAMES ROBINSON
Telephone: 4157203188
Mailing Name: Not reported
Mailing Address: 311 CALIFORNIA ST STE 200
Mailing City,St,Zip: SAN FRANCISCO, CA 94104
Gen County: Contra Costa
TSD EPA ID: CAD980675276
TSD County: Kern
Tons: 88.566
CA Waste Code: 611-Contaminated soil from site clean-up
Method: D80-Disposal, Land Fill
Facility County: Contra Costa

F24 **LECHUGA, RAMON** **RCRA NonGen / NLR** **1024761659**
ESE **4308 DEER HILL LANE** **CAC002981519**
1/2-1 **ANTIOCH, CA 94531**
0.982 mi.
5184 ft. **Site 1 of 2 in cluster F**

Relative: **Lower**
Actual: **216 ft.**

RCRA NonGen / NLR:
Date form received by agency: 09/21/2018
Facility name: LECHUGA, RAMON
Facility address: 4308 DEER HILL LANE
ANTIOCH, CA 94531
EPA ID: CAC002981519
Contact: LECHUGA, RAMON
Contact address: 4308 DEER HILL LANE
ANTIOCH, CA 94531
Contact country: Not reported
Contact telephone: 925-354-0288
Contact email: MICKIEL@PWSEI.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: LECHUGA, RAMON
Owner/operator address: 4308 DEER HILL LANE

LECHUGA, RAMON (Continued) **1024761659**

	ANTIOCH, CA 94531
Owner/operator country:	Not reported
Owner/operator telephone:	925-354-0288
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	LECHUGA, RAMON
Owner/operator address:	4308 DEER HILL LANE
	ANTIOCH, CA 94531
Owner/operator country:	Not reported
Owner/operator telephone:	925-354-0288
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Violation Status: No violations found

F25 **LECHUGA, RAMON** **FINDS 1024649354**
ESE **4308 DEER HILL LANE** **ECHO N/A**
1/2-1 **ANTIOCH, CA 94531**
0.982 mi.
5184 ft. **Site 2 of 2 in cluster F**

Relative: Lower

Actual: 216 ft.

FINDS:

Registry ID: 110070437741

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

LECHUGA, RAMON (Continued) **1024649354**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1024649354
Registry ID:	110070437741
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070437741

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26 **PARMENTER DANIELLE** **EDR Hist Auto** **1021281037**
NNW **5035 HOLLOW RIDGE WAY** **N/A**
> 1 **ANTIOCH, CA 94531**
1.080 mi.
5701 ft.

Relative: EDR Hist Auto
Lower

Actual:
254 ft.

Year:	Name:	Type:
2004	SHELL BAY PROPERTY MGMT CO	Gasoline Service Stations
2005	PARMENTER DANIELLE	Gasoline Service Stations
2006	PARMENTER DANIELLE	Gasoline Service Stations

---

27 **OXY PREWETT BRENTWOOD OIL AND GAS FIELD** **CPS-SLIC** **S106230278**
ENE **5400 MOJAVE WAY** **CERS** **N/A**
> 1 **ANTIOCH, CA**
1.101 mi.
5812 ft.

Relative: CPS-SLIC:
Lower

Actual:
201 ft.

Name:	OXY PREWETT BRENTWOOD OIL AND GAS FIELD
Address:	5400 MOJAVE WAY
City,State,Zip:	ANTIOCH, CA
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	01/20/2011
Global Id:	SL0601343509
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number:	Not reported
Latitude:	37.95554
Longitude:	-121.773461
Case Type:	Cleanup Program Site
Case Worker:	KAS
Local Agency:	Not reported
RB Case Number:	SL0601343509
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Oil and gas recovery activities were initiated in 1962. Production wells were selectively perforated at depths ranging from about 3,500 to 4,100 feet below ground surface (bgs). Exploration and production expanded throughout the 1960s until production decreased to below profitable levels during the 1980s. The wells were plugged and abandoned during the early 1990s. In 1992, the oil and gas production

OXY PREWETT BRENTWOOD OIL AND GAS FIELD (Continued) **S106230278**

well and associated storage tanks and piping were removed. Between about 1995 and 1999, a residential housing development was constructed in the area encompassing the Site. During construction of the housing development, the hillside adjacent to the former oil and gas production area was removed and between nine and 14 feet of compacted clay fill material was added to the surrounding area.

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

SLIC REG 5:

Name:	Oxy USA Inc. Prewett 4-5 (Brentwood Oil & Gas Field) [SOME ARCHIVED]
Address:	5400 Mojave Way
City:	Antioch
Region:	5
Facility Status:	Remediation Underway
Unit:	Facility is a Spill or site
Pollutant:	TPH g,d, BTEX
Lead Agency:	MES
Date Filed:	/ /
Report Date:	/ /
Date Added:	Not reported
Date Closed:	Not reported

CERS:

Name:	OXY PREWETT BRENTWOOD OIL AND GAS FIELD
Address:	5400 MOJAVE WAY
City,State,Zip:	ANTIOCH, CA
Site ID:	227960
CERS ID:	SL0601343509
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	KRISTIN SHELTON - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title:	Not reported
Affiliation Address:	11020 SUN CENTER DRIVE #200
Affiliation City:	RANCHO CORDOVA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

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28 **NORTH AMERICAN ELEMENTARY SCHOOL** **ENVIROSTOR** **S118757386**
NNE **MOKOLUMNE DRIVE/PREWETT RANCH DRIVE** **SCH** **N/A**
> 1 **ANTIOCH, CA 94509**
1.152 mi.
6083 ft.

Relative:
Lower

Actual:
248 ft.

ENVIROSTOR:

Name:	NORTH AMERICAN ELEMENTARY SCHOOL
Address:	MOKOLUMNE DRIVE/PREWETT RANCH DRIVE
City,State,Zip:	ANTIOCH, CA 94509
Facility ID:	7010002
Status:	No Action Required
Status Date:	09/29/1999
Site Code:	201281

NORTH AMERICAN ELEMENTARY SCHOOL (Continued) **S118757386**

Site Type: School Investigation
Site Type Detailed: School
Acres: 11
NPL: NO
Regulatory Agencies: DTSC
Lead Agency: DTSC
Program Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Northern California Schools & Santa Susana
Assembly: 11
Senate: 07
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 37.96429
Longitude: -121.7847
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
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:

Name: NORTH AMERICAN ELEMENTARY SCHOOL
Address: MOKOLUMNE DRIVE/PREWETT RANCH DRIVE
City,State,Zip: ANTIOCH, CA 94509
Facility ID: 7010002
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 11
National Priorities List: NO
Cleanup Oversight Agencies: DTSC
Lead Agency: DTSC
Lead Agency Description: * DTSC
Project Manager: Not reported

NORTH AMERICAN ELEMENTARY SCHOOL (Continued) **S118757386**

Supervisor:	Mark Malinowski
Division Branch:	Northern California Schools & Santa Susana
Site Code:	201281
Assembly:	11
Senate:	07
Special Program Status:	Not reported
Status:	No Action Required
Status Date:	09/29/1999
Restricted Use:	NO
Funding:	School District
Latitude:	37.96429
Longitude:	-121.7847
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	Not reported
Alias Type:	Not reported

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
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

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29 **DALLAS RANCH BOOSTER PUMP STN** **UST** **U003784406**
NNW **5001 DALLAS RANCH RD** **HAZNET** **N/A**
> 1 **ANTIOCH, CA 94509** **CONTRA COSTA CO. SITE LIST**
1.164 mi. **CERS**
6146 ft.

Relative:
Lower

Actual:
239 ft.

UST:

Name:	DALLAS RANCH BOOSTER PUMP STN
Address:	5001 DALLAS RANCH RD
City,State,Zip:	ANTIOCH, CA 94509
Facility ID:	07-000-771848
Permitting Agency:	Contra Costa County Health Services Department
Latitude:	37.962399
Longitude:	-121.797177

HAZNET:

Name:	CITY OF ANTIOCH
Address:	5001 DALLAS RANCH ROAD
City,State,Zip:	ANTIOCH, CA 94531
Year:	2017
GEPAID:	CAC002936139

DALLAS RANCH BOOSTER PUMP STN (Continued) **U003784406**

Contact: DUANE ANDERSON
Telephone: 9253826264
Mailing Name: Not reported
Mailing Address: P.O. BOX 5007
Mailing City,St,Zip: ANTIOCH, CA 94531
Gen County: Contra Costa
TSD EPA ID: CAD009466392
TSD County: Contra Costa
Tons: 0.0075
CA Waste Code: 512-Other empty containers 30 gallons or more
Method: H129-Other Treatment
Facility County: Contra Costa

CONTRA COSTA CO. SITE LIST:
Name: DALLAS RANCH BOOSTER PUMP STN
Address: 5001 DALLAS RANCH RD
City: ANTIOCH
Facility ID: FA0028584
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: REPORTED ZERO
Region: CONTRA COSTA
Cupa Number: 771848

Name: DALLAS RANCH BOOSTER PUMP STN
Address: 5001 DALLAS RANCH RD
City: ANTIOCH
Facility ID: FA0028584
Billing Status: INACTIVE, NON-BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: UNDERGROUND STORAGE TANK SITE
Region: CONTRA COSTA
Cupa Number: 771848

Name: DALLAS RANCH BOOSTER PUMP STN
Address: 5001 DALLAS RANCH RD
City: ANTIOCH
Facility ID: FA0028584
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: >10K-100K LBS, 0-19 EMPLOYEES
Region: CONTRA COSTA
Cupa Number: 771848

CERS:
Name: DALLAS RANCH BOOSTER PUMP STN
Address: 5001 DALLAS RANCH RD
City,State,Zip: ANTIOCH, CA 94509
Site ID: 110095
CERS ID: 10013467
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 110095
Site Name: DALLAS RANCH BOOSTER PUMP STN
Violation Date: 10-03-2017
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter

DALLAS RANCH BOOSTER PUMP STN (Continued) **U003784406**

16, Section(s) 2712(i)
Violation Description: Failure to retain a copy of the permit to operate at the facility.
Violation Notes: Returned to compliance on 11/28/2017. Title 23 Division 3, Chapter 16 Article 10.5
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 110095
Site Name: DALLAS RANCH BOOSTER PUMP STN
Violation Date: 06-21-2017
Citation: 23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637
Violation Description: Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test within six months of installation and every 36 months thereafter.Use a procedure that demonstrates the system works as well as at installation.Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval.Performed by a certified service technician or a licensed tank tester.
Violation Notes: Returned to compliance on 11/28/2017.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 110095
Site Name: DALLAS RANCH BOOSTER PUMP STN
Violation Date: 09-01-2017
Citation: HSC 6.7 Multiple - California Health and Safety Code, Chapter 6.7, Section(s) Multiple
Violation Description: UST Program - Administration/Documentation - General - Must include violation description, proper statute and regulation citation in the "comment" section.
Violation Notes: Not reported
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 110095
Site Name: DALLAS RANCH BOOSTER PUMP STN
Violation Date: 09-01-2017
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to retain a copy of the permit to operate at the facility.
Violation Notes: Returned to compliance on 11/28/2017.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 110095
Site Name: DALLAS RANCH BOOSTER PUMP STN
Violation Date: 06-27-2014
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 06/27/2014.
Violation Division: Contra Costa County Health Services Department

DALLAS RANCH BOOSTER PUMP STN (Continued) **U003784406**

Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-20-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-20-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-21-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-27-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-16-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-03-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

DALLAS RANCH BOOSTER PUMP STN (Continued) **U003784406**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-16-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-18-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	12-28-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-27-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	09-01-2017
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-21-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Contra Costa County Health Services Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-26-2015
Violations Found:	No

DALLAS RANCH BOOSTER PUMP STN (Continued) **U003784406**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-26-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Enforcement Action:
Site ID: 110095
Site Name: DALLAS RANCH BOOSTER PUMP STN
Site Address: 5001 DALLAS RANCH RD
Site City: ANTIOCH
Site Zip: 94509
Enf Action Date: 06-21-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 110095
Site Name: DALLAS RANCH BOOSTER PUMP STN
Site Address: 5001 DALLAS RANCH RD
Site City: ANTIOCH
Site Zip: 94509
Enf Action Date: 06-27-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 110095
Site Name: DALLAS RANCH BOOSTER PUMP STN
Site Address: 5001 DALLAS RANCH RD
Site City: ANTIOCH
Site Zip: 94509
Enf Action Date: 09-01-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 110095
Site Name: DALLAS RANCH BOOSTER PUMP STN

DALLAS RANCH BOOSTER PUMP STN (Continued) **U003784406**

Site Address:	5001 DALLAS RANCH RD
Site City:	ANTIOCH
Site Zip:	94509
Enf Action Date:	10-03-2017
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Contra Costa County Health Services Department
Enf Action Program:	UST
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Contra Costa County Health Services Department
Entity Title:	Not reported
Affiliation Address:	4585 Pacheco BlvdSuite 100
Affiliation City:	Martinez
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94553
Affiliation Phone:	(925) 335-3200

Affiliation Type Desc:	Environmental Contact
Entity Name:	Pierre Dreher
Entity Title:	Not reported
Affiliation Address:	PO BOX 5007
Affiliation City:	ANTIOCH
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94531-5007
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Pierre Dreher
Entity Title:	Water Treatment Supervisor
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:	Operator
Entity Name:	City of Antioch / Dallas Ranch Pump Station
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:	(925) 779-7029

Affiliation Type Desc:	Parent Corporation
Entity Name:	DALLAS RANCH BOOSTER PUMP STN
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported

DALLAS RANCH BOOSTER PUMP STN (Continued) **U003784406**

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 Antioch
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5007
Affiliation City:	Antioch
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94531-5007
Affiliation Phone:	(925) 779-7029
Affiliation Type Desc:	Document Preparer
Entity Name:	Pierre Dreher
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:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5007
Affiliation City:	Antioch
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94531-5007
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	CITY OF ANTIOCH
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5007
Affiliation City:	ANTIOCH
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94531-5007
Affiliation Phone:	(925) 779-7000

G30 **VERIZON WIRELESS (LONE TREE/VA** **EMI** **S105092646**
NNE **5201 DEER VALLEY RD** **CONTRA COSTA CO. SITE LIST** **N/A**
> 1 **ANTIOCH, CA 94531** **CERS**
1.187 mi.
6265 ft. **Site 1 of 5 in cluster G**

Relative: EMI:
Lower

Name:	VERIZON WIRELESS (LONE TREE/VA
Address:	5201 DEER VALLEY RD
City,State,Zip:	ANTIOCH, CA 945317429
Year:	2006
County Code:	7

Actual:
219 ft.

VERIZON WIRELESS (LONE TREE/VA (Continued) **S105092646**

Air Basin:	SF
Facility ID:	16880
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.002
Reactive Organic Gases Tons/Yr:	.0016734
Carbon Monoxide Emissions Tons/Yr:	.005
NOX - Oxides of Nitrogen Tons/Yr:	.023
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.002
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.001952

Name:	VERIZON WIRELESS (LONE TREE/VA
Address:	5201 DEER VALLEY RD
City,State,Zip:	ANTIOCH, CA 945317429
Year:	2007
County Code:	7
Air Basin:	SF
Facility ID:	16880
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.002
Reactive Organic Gases Tons/Yr:	.0016734
Carbon Monoxide Emissions Tons/Yr:	.005
NOX - Oxides of Nitrogen Tons/Yr:	.023
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.002
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.001952

Name:	VERIZON WIRELESS (LONE TREE/VA
Address:	5201 DEER VALLEY RD
City,State,Zip:	ANTIOCH, CA 94531
Year:	2008
County Code:	7
Air Basin:	SF
Facility ID:	16880
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	.001
NOX - Oxides of Nitrogen Tons/Yr:	.008
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VERIZON WIRELESS (LONE TREE/VA
Address:	5201 DEER VALLEY RD

VERIZON WIRELESS (LONE TREE/VA (Continued) **S105092646**

City,State,Zip:	ANTIOCH, CA 94531
Year:	2009
County Code:	7
Air Basin:	SF
Facility ID:	16880
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.001
NOX - Oxides of Nitrogen Tons/Yr:	8.0000000000000002E-3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VERIZON WIRELESS (LONE TREE/VA
Address:	5201 DEER VALLEY RD
City,State,Zip:	ANTIOCH, CA 94531
Year:	2010
County Code:	7
Air Basin:	SF
Facility ID:	16880
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.001
NOX - Oxides of Nitrogen Tons/Yr:	6.0000000000000001E-3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VERIZON WIRELESS (LONE TREE/VA
Address:	5201 DEER VALLEY RD
City,State,Zip:	ANTIOCH, CA 94531
Year:	2011
County Code:	7
Air Basin:	SF
Facility ID:	16880
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.001
NOX - Oxides of Nitrogen Tons/Yr:	0.006
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

VERIZON WIRELESS (LONE TREE/VA (Continued) **S105092646**

Name:	VERIZON WIRELESS (LONE TREE/VA
Address:	5201 DEER VALLEY RD
City,State,Zip:	ANTIOCH, CA 94531
Year:	2012
County Code:	7
Air Basin:	SF
Facility ID:	16880
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.001
NOX - Oxides of Nitrogen Tons/Yr:	0.005
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VERIZON WIRELESS (LONE TREE/VA
Address:	5201 DEER VALLEY RD
City,State,Zip:	ANTIOCH, CA 94531
Year:	2013
County Code:	7
Air Basin:	SF
Facility ID:	16880
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.001
NOX - Oxides of Nitrogen Tons/Yr:	0.005
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VERIZON WIRELESS (LONE TREE/VALLEY)
Address:	5201 DEER VALLEY RD
City,State,Zip:	ANTIOCH, CA 94531
Year:	2014
County Code:	7
Air Basin:	SF
Facility ID:	16880
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.0002598
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.000743574
NOX - Oxides of Nitrogen Tons/Yr:	0.004525303
SOX - Oxides of Sulphur Tons/Yr:	5.329e-006

VERIZON WIRELESS (LONE TREE/VA (Continued) **S105092646**

Particulate Matter Tons/Yr: 0.000186723
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.000179254

Name: VERIZON WIRELESS (LONE TREE/VALLEY)
Address: 5201 DEER VALLEY RD
City,State,Zip: ANTIOCH, CA 94531
Year: 2015
County Code: 7
Air Basin: SF
Facility ID: 16880
Air District Name: BA
SIC Code: 4812
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.0002598
Reactive Organic Gases Tons/Yr: 0.000237944
Carbon Monoxide Emissions Tons/Yr: 0.000743574
NOX - Oxides of Nitrogen Tons/Yr: 0.004525303
SOX - Oxides of Sulphur Tons/Yr: 5.329e-006
Particulate Matter Tons/Yr: 0.000186723
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.000179254

Name: VERIZON WIRELESS (LONE TREE/VALLEY)
Address: 5201 DEER VALLEY RD
City,State,Zip: ANTIOCH, CA 94531
Year: 2016
County Code: 7
Air Basin: SF
Facility ID: 16880
Air District Name: BA
SIC Code: 4812
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.0002598
Reactive Organic Gases Tons/Yr: 0.0002282343
Carbon Monoxide Emissions Tons/Yr: 0.000743574
NOX - Oxides of Nitrogen Tons/Yr: 0.004525303
SOX - Oxides of Sulphur Tons/Yr: 5.329e-006
Particulate Matter Tons/Yr: 0.000186723
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.000179254

CONTRA COSTA CO. SITE LIST:
Name: VERIZON WIRELESS LONE TREE DEER VALLEY
Address: 5201 DEER VALLEY RD
City: ANTIOCH
Facility ID: FA0030165
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HMBP: 1K-10K LBS, 0-19 EMPLOYEES
Region: CONTRA COSTA
Cupa Number: 773496

CERS:
Name: VERIZON WIRELESS (LONE TREE/VALLEY)

VERIZON WIRELESS (LONE TREE/VA (Continued) **S105092646**

Address:	5201 DEER VALLEY RD
City,State,Zip:	ANTIOCH, CA 94531
Site ID:	502947
CERS ID:	110054321159
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	ENVIR COMPLIANCE
Entity Title:	ENVIRONMENTAL CONTACT
Affiliation Address:	255 PARKSHORE DRIVE
Affiliation City:	FOLSOM
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	NETWORK OPR CONTRL CTR
Entity Title:	NOCC
Affiliation Address:	POBOX 800 ATTN CEH AND S COMPLIANCE MOB
Affiliation City:	ROSEMEAD
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	NOCC
Entity Title:	Network Operations Control Center
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:	Operator
Entity Name:	VERIZON WIRELESS
Entity Title:	OPERATOR
Affiliation Address:	255 PARKSHORE DRIVE
Affiliation City:	FOLSOM
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Owner
Entity Name:	VERIZON WIRELESS
Entity Title:	OWNER
Affiliation Address:	255 PARKSHORE DRIVE
Affiliation City:	FOLSOM
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

VERIZON WIRELESS (LONE TREE/VA (Continued) **S105092646**

Name: VERIZON WIRELESS LONE TREE DEER VALLEY
Address: 5201 DEER VALLEY RD
City,State,Zip: ANTIOCH, CA 94531
Site ID: 406147
CERS ID: 10018213
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-11-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-28-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-05-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 406147
Facility Name: Verizon Wireless Lone Tree Deer Valley
Env Int Type Code: HMBP
Program ID: 10018213
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.963196
Longitude: -121.779556

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 295 Parkshore Drive
Affiliation City: Folsom
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95630
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer

VERIZON WIRELESS (LONE TREE/VA (Continued) **S105092646**

Entity Name:	armand delgado
Entity Title:	environmental compliance mgr
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:	Operator
Entity Name:	Verizon Wireless
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:	(866) 694-2415
Affiliation Type Desc:	Legal Owner
Entity Name:	Verizon Wireless
Entity Title:	Not reported
Affiliation Address:	295 Parkshore Drive
Affiliation City:	Folsom
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95630
Affiliation Phone:	(866) 694-2415
Affiliation Type Desc:	Parent Corporation
Entity Name:	Verizon Wireless [Northern California]
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:	CUPA District
Entity Name:	Contra Costa County Health Services Department
Entity Title:	Not reported
Affiliation Address:	4585 Pacheco BlvdSuite 100
Affiliation City:	Martinez
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94553
Affiliation Phone:	(925) 335-3200
Affiliation Type Desc:	Document Preparer
Entity Name:	Steve Skanderson
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

VERIZON WIRELESS (LONE TREE/VA (Continued) **S105092646**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Environmental Compliance
Entity Title:	Not reported
Affiliation Address:	295 Parkshore Drive
Affiliation City:	Folsom
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95630
Affiliation Phone:	Not reported

G31 **SLOAN MCDONALD & ROBERTO DELOSO, DDS** **RCRA NonGen / NLR** **1024794748**
NNE **5201 DEER VALLEY RD STE 2B** **CAL000153317**
> 1 **ANTIOCH, CA 94509**
1.187 mi.
6265 ft. **Site 2 of 5 in cluster G**

Relative: **Lower**

Actual: **219 ft.**

RCRA NonGen / NLR:

Date form received by agency:	09/17/1998
Facility name:	SLOAN MCDONALD & ROBERTO DELOSO, DDS
Facility address:	5201 DEER VALLEY RD STE 2B ANTIOCH, CA 94509-0000
EPA ID:	CAL000153317
Contact:	ROBERTO DELOSO, DDS
Contact address:	5201 DEER VALLEY R STE 2B ANTIOCH, CA 94531
Contact country:	Not reported
Contact telephone:	925-778-2100
Contact email:	LOBRIEN5201@YAHOO.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ROBERTO DELOSO, DDS
Owner/operator address:	5201 DEER VALLEY R STE 2B ANTIOCH, CA 94531
Owner/operator country:	Not reported
Owner/operator telephone:	925-778-2100
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	SLOAN MCDONALD/ROBERTO DELOSO
Owner/operator address:	5201 DEER VALLEY RD STE 2B ANTIOCH, CA 94531
Owner/operator country:	Not reported
Owner/operator telephone:	925-778-2100
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported

SLOAN MCDONALD & ROBERTO DELOSO, DDS (Continued) **1024794748**

Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

G32 **AMITA K SUVARNA PC DBA FIRST PLACE DENTISTRY** **RCRA NonGen / NLR** **1024841821**
NNE **5201 DEER VALLEY RD STE 3D** **CAL000391791**
> 1 **ANTIOCH, CA 94531**
1.187 mi.
6265 ft. **Site 3 of 5 in cluster G**

Relative: **Lower**

Actual: **219 ft.**

RCRA NonGen / NLR:
Date form received by agency: 12/05/2013
Facility name: AMITA K SUVARNA PC DBA FIRST PLACE DENTISTRY
Facility address: 5201 DEER VALLEY RD STE 3D
ANTIOCH, CA 94531-7431
EPA ID: CAL000391791
Contact: AMITA SUVARNA
Contact address: 5201 DEER VALLEY RD STE 3D
ANTIOCH, CA 94531
Contact country: Not reported
Contact telephone: 925-757-6117
Contact email: KSUVARNA@HOTMAIL.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: AMITA SUVARNA
Owner/operator address: 5201 DEER VALLEY RD STE 3D
ANTIOCH, CA 94531
Owner/operator country: Not reported
Owner/operator telephone: 925-757-6117
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported

AMITA K SUVARNA PC DBA FIRST PLACE DENTISTRY (Continued) **1024841821**

Owner/Op end date: Not reported

Owner/operator name: AMITA K SUVARNA DDS
Owner/operator address: 5201 DEER VALLEY RD STE 3D
ANTIOCH, CA 94531
Owner/operator country: Not reported
Owner/operator telephone: 925-757-6117
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

G33 **ANTIOCH VETERINARY HOSPITAL** **CERS HAZ WASTE** **S121516989**
NNE **5151 DEER VALLEY RD** **CONTRA COSTA CO. SITE LIST** **N/A**
> 1 **ANTIOCH, CA 94531**
1.220 mi.
6441 ft. **Site 4 of 5 in cluster G**

Relative: **Lower**
Actual: **182 ft.**

CERS HAZ WASTE:
Site ID: 438060
CERS ID: 10757047
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 438060
Site Name: Antioch Veterinary Hospital
Violation Date: 03-15-2018
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 05/15/2018. OBSERVATION: Owner/Operator failed to report program data electronically into CERS. CORRECTIVE ACTION: Complete all required reporting into CERS for HWG only.
Violation Division: Contra Costa County Health Services Department
Violation Program: HW
Violation Source: CERS

ANTIOCH VETERINARY HOSPITAL (Continued) **S121516989**

Site ID: 438060
Site Name: Antioch Veterinary Hospital
Violation Date: 03-15-2018
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 04/20/2018. OBSERVATION: The generator has not obtained an active EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an active EPA ID number. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that you have obtained an EPA ID number.
Violation Division: Contra Costa County Health Services Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-27-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-21-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 438060
Site Name: Antioch Veterinary Hospital
Site Address: 5151 DEER VALLEY RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 03-15-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported

ANTIOCH VETERINARY HOSPITAL (Continued) **S121516989**

Enf Action Division:	Contra Costa County Health Services Department
Enf Action Program:	HW
Enf Action Source:	CERS
Site ID:	438060
Site Name:	Antioch Veterinary Hospital
Site Address:	5151 DEER VALLEY RD
Site City:	ANTIOCH
Site Zip:	94531
Enf Action Date:	03-27-2018
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Contra Costa County Health Services Department
Enf Action Program:	UNSPEC
Enf Action Source:	CERS

Coordinates:

Site ID:	438060
Facility Name:	Antioch Veterinary Hospital
Env Int Type Code:	HWG
Program ID:	10757047
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	37.963550
Longitude:	-121.779770

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Contra Costa County Health Services Department
Entity Title:	Not reported
Affiliation Address:	4585 Pacheco BlvdSuite 100
Affiliation City:	Martinez
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94553
Affiliation Phone:	(925) 335-3200
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	5151 Deer Valley Rd
Affiliation City:	Antioch
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94531
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Dr Howard Schutzman
Entity Title:	Not reported
Affiliation Address:	5151 Deer Valley Rd
Affiliation City:	Antioch
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94531

ANTIOCH VETERINARY HOSPITAL (Continued) **S121516989**

Affiliation Phone:	(925) 757-2800
Affiliation Type Desc:	Operator
Entity Name:	Antioch Veterinary Hospital
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:	(925) 757-2800
Affiliation Type Desc:	Property Owner
Entity Name:	Broadway Veterinary Associates
Entity Title:	Not reported
Affiliation Address:	5151 Deer Valley Rd
Affiliation City:	Antioch
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94531
Affiliation Phone:	(925) 757-2800
Affiliation Type Desc:	Parent Corporation
Entity Name:	Broadway Veterinary Associates
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:	Sunny Pisenti
Entity Title:	Facility maintenance
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:	Document Preparer
Entity Name:	Sunny Pisenti
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:	Environmental Contact
Entity Name:	Howard Schutzman
Entity Title:	Not reported
Affiliation Address:	5151 Deer Valley Rd
Affiliation City:	Antioch

ANTIOCH VETERINARY HOSPITAL (Continued) **S121516989**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94531
Affiliation Phone: Not reported

CONTRA COSTA CO. SITE LIST:
Name: ANTIOCH VETERINARY HOSPITAL
Address: 5151 DEER VALLEY RD
City: ANTIOCH
Facility ID: FA0040873
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: HWG: REPORTED ZERO
Region: CONTRA COSTA
Cupa Number: 776028

G34 **ANTIOCH VETERINARY HOSPITAL-DEER VALLEY** **RCRA NonGen / NLR** **1024866540**
NNE **5151 DEER VALLEY RD** **CAL000435127**
> 1 **ANTIOCH, CA 94531**
1.220 mi.
6441 ft. **Site 5 of 5 in cluster G**

Relative:
Lower

Actual:
182 ft.

RCRA NonGen / NLR:
Date form received by agency: 04/20/2018
Facility name: ANTIOCH VETERINARY HOSPITAL-DEER VALLEY
Facility address: 5151 DEER VALLEY RD
ANTIOCH, CA 94531
EPA ID: CAL000435127
Contact: KRISTA HAMMER
Contact address: 5151 DEER VALLEY RD
ANTIOCH, CA 94531
Contact country: Not reported
Contact telephone: 925-757-2800
Contact email: KHAMMER@ANTIOCHVET.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: KRISTA HAMMER
Owner/operator address: 5151 DEER VALLEY RD
ANTIOCH, CA 94531
Owner/operator country: Not reported
Owner/operator telephone: 925-757-2800
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: HOWARD SCHUTZMAN DVM
Owner/operator address: 5151 DEER VALLEY RD
ANTIOCH, CA 94531
Owner/operator country: Not reported

ANTIOCH VETERINARY HOSPITAL-DEER VALLEY (Continued) **1024866540**

Owner/operator telephone: 925-757-2800
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

H35 **LONGS DRUG STORE #820** **UST** **U003940395**
NNE **5065 DEER VALLEY RD** **N/A**
> 1 **ANTIOCH, CA 94531**
1.232 mi.
6504 ft. **Site 1 of 2 in cluster H**

Relative: UST:
Lower
Name: LONGS DRUG STORE #820
Actual: Address: 5065 DEER VALLEY RD
175 ft. City,State,Zip: ANTIOCH, CA 94531
Facility ID: 07-000-771362
Permitting Agency: Contra Costa County Health Services Department
Latitude: 37.96434
Longitude: -121.78006

H36 **LONGS DRUG STORE #820** **CERS TANKS** **S113461546**
NNE **5065 DEER VALLEY RD** **CONTRA COSTA CO. SITE LIST** **N/A**
> 1 **ANTIOCH, CA 94509**
1.232 mi.
6504 ft. **Site 2 of 2 in cluster H**

Relative: CERS TANKS:
Lower
Name: LONGS DRUG STORE #820
Actual: Address: 5065 DEER VALLEY RD
175 ft. City,State,Zip: ANTIOCH, CA 94531
Site ID: 131277
CERS ID: 10012093
CERS Description: Underground Storage Tank

LONGS DRUG STORE #820 (Continued) **S113461546**

Violations:

Site ID:	131277
Site Name:	LONGS DRUG STORE #820
Violation Date:	05-01-2015
Citation:	Un-Specified
Violation Description:	UST Program - Administration/Documentation - For use of Local Ordinance only
Violation Notes:	Returned to compliance on 06/26/2015.
Violation Division:	Contra Costa County Health Services Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	131277
Site Name:	LONGS DRUG STORE #820
Violation Date:	07-11-2014
Citation:	Un-Specified
Violation Description:	UST Program - Administration/Documentation - For use of Local Ordinance only
Violation Notes:	Returned to compliance on 12/12/2014. US 25 TEMP CLOSURE EXCEEDED 12 MONTH PERIOD.
Violation Division:	Contra Costa County Health Services Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	131277
Site Name:	LONGS DRUG STORE #820
Violation Date:	08-18-2017
Citation:	23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637
Violation Description:	Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test within six months of installation and every 36 months thereafter.Use a procedure that demonstrates the system works as well as at installation.Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval.Performed by a certified service technician or a licensed tank tester.
Violation Notes:	Returned to compliance on 01/09/2018.
Violation Division:	Contra Costa County Health Services Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	131277
Site Name:	LONGS DRUG STORE #820
Violation Date:	09-11-2014
Citation:	Un-Specified
Violation Description:	UST Program - Operations/Maintenance - For use of Local Ordinance only.
Violation Notes:	Returned to compliance on 12/12/2014.
Violation Division:	Contra Costa County Health Services Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	131277
Site Name:	LONGS DRUG STORE #820
Violation Date:	09-11-2014
Citation:	Un-Specified
Violation Description:	UST Program - Operations/Maintenance - For use of Local Ordinance

LONGS DRUG STORE #820 (Continued) **S113461546**

only.
Violation Notes: Returned to compliance on 10/23/2014.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 131277
Site Name: LONGS DRUG STORE #820
Violation Date: 09-04-2015
Citation: Un-Specified
Violation Description: UST Program - Administration/Documentation - For use of Local Ordinance only
Violation Notes: Returned to compliance on 09/22/2015.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 131277
Site Name: LONGS DRUG STORE #820
Violation Date: 09-04-2015
Citation: Un-Specified
Violation Description: UST Program - Operations/Maintenance - For use of Local Ordinance only.
Violation Notes: Returned to compliance on 09/11/2015.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 131277
Site Name: LONGS DRUG STORE #820
Violation Date: 06-24-2014
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description: UST Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 10/23/2014.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 131277
Site Name: LONGS DRUG STORE #820
Violation Date: 09-11-2014
Citation: Un-Specified
Violation Description: UST Program - Administration/Documentation - For use of Local Ordinance only
Violation Notes: Returned to compliance on 12/12/2014.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 131277
Site Name: LONGS DRUG STORE #820
Violation Date: 09-04-2015
Citation: Un-Specified
Violation Description: UST Program - Training - For use of Local Ordinance only.
Violation Notes: Returned to compliance on 09/22/2015.
Violation Division: Contra Costa County Health Services Department

LONGS DRUG STORE #820 (Continued) **S113461546**

Violation Program: UST
Violation Source: CERS

Site ID: 131277
Site Name: LONGS DRUG STORE #820
Violation Date: 10-05-2018
Citation: 23 CCR 16 2638(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(d)
Violation Description: Failure to submit the ?Monitoring System Certification Form? to the UPA within 30 days of completion of the test.
Violation Notes: Returned to compliance on 10/05/2018.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 131277
Site Name: LONGS DRUG STORE #820
Violation Date: 12-05-2014
Citation: Un-Specified
Violation Description: UST Program - Administration/Documentation - For use of Local Ordinance only
Violation Notes: Returned to compliance on 01/08/2015.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 131277
Site Name: LONGS DRUG STORE #820
Violation Date: 06-09-2015
Citation: Un-Specified
Violation Description: UST Program - Administration/Documentation - For use of Local Ordinance only
Violation Notes: Returned to compliance on 06/26/2015.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 131277
Site Name: LONGS DRUG STORE #820
Violation Date: 10-03-2016
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to retain a copy of the permit to operate at the facility.
Violation Notes: Returned to compliance on 06/02/2017.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Site ID: 131277
Site Name: LONGS DRUG STORE #820
Violation Date: 09-17-2014
Citation: Un-Specified
Violation Description: UST Program - Administration/Documentation - For use of Local Ordinance only
Violation Notes: Returned to compliance on 10/23/2014.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST

LONGS DRUG STORE #820 (Continued) **S113461546**

Violation Source: CERS

Site ID: 131277
Site Name: LONGS DRUG STORE #820
Violation Date: 09-11-2014
Citation: Un-Specified
Violation Description: UST Program - Administration/Documentation - For use of Local Ordinance only
Violation Notes: Returned to compliance on 10/23/2014.
Violation Division: Contra Costa County Health Services Department
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-08-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-01-2015
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-18-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-11-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-11-2014
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST

LONGS DRUG STORE #820 (Continued) **S113461546**

Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-17-2014
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-23-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-05-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-03-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-26-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown

LONGS DRUG STORE #820 (Continued) **S113461546**

Eval Date: 06-09-2015
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-24-2014
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-04-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-05-2014
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Contra Costa County Health Services Department
Eval Program: UST
Eval Source: CERS

Enforcement Action:
Site ID: 131277
Site Name: LONGS DRUG STORE #820
Site Address: 5065 DEER VALLEY RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 02-23-2015
Enf Action Type: AEO - Unified Program
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes: Fines/Penalties Assessed: $4,028.00.
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

LONGS DRUG STORE #820 (Continued) **S113461546**

Site ID:	131277
Site Name:	LONGS DRUG STORE #820
Site Address:	5065 DEER VALLEY RD
Site City:	ANTIOCH
Site Zip:	94531
Enf Action Date:	05-01-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Contra Costa County Health Services Department
Enf Action Program:	UST
Enf Action Source:	CERS

Site ID:	131277
Site Name:	LONGS DRUG STORE #820
Site Address:	5065 DEER VALLEY RD
Site City:	ANTIOCH
Site Zip:	94531
Enf Action Date:	06-09-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Contra Costa County Health Services Department
Enf Action Program:	UST
Enf Action Source:	CERS

Site ID:	131277
Site Name:	LONGS DRUG STORE #820
Site Address:	5065 DEER VALLEY RD
Site City:	ANTIOCH
Site Zip:	94531
Enf Action Date:	06-24-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Contra Costa County Health Services Department
Enf Action Program:	UST
Enf Action Source:	CERS

Site ID:	131277
Site Name:	LONGS DRUG STORE #820
Site Address:	5065 DEER VALLEY RD
Site City:	ANTIOCH
Site Zip:	94531
Enf Action Date:	07-11-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Contra Costa County Health Services Department
Enf Action Program:	UST
Enf Action Source:	CERS

Site ID:	131277
Site Name:	LONGS DRUG STORE #820
Site Address:	5065 DEER VALLEY RD
Site City:	ANTIOCH
Site Zip:	94531

LONGS DRUG STORE #820 (Continued) **S113461546**

Enf Action Date:	08-18-2017
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Contra Costa County Health Services Department
Enf Action Program:	UST
Enf Action Source:	CERS

Site ID:	131277
Site Name:	LONGS DRUG STORE #820
Site Address:	5065 DEER VALLEY RD
Site City:	ANTIOCH
Site Zip:	94531
Enf Action Date:	09-04-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Contra Costa County Health Services Department
Enf Action Program:	UST
Enf Action Source:	CERS

Site ID:	131277
Site Name:	LONGS DRUG STORE #820
Site Address:	5065 DEER VALLEY RD
Site City:	ANTIOCH
Site Zip:	94531
Enf Action Date:	09-11-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Contra Costa County Health Services Department
Enf Action Program:	UST
Enf Action Source:	CERS

Site ID:	131277
Site Name:	LONGS DRUG STORE #820
Site Address:	5065 DEER VALLEY RD
Site City:	ANTIOCH
Site Zip:	94531
Enf Action Date:	09-17-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Contra Costa County Health Services Department
Enf Action Program:	UST
Enf Action Source:	CERS

Site ID:	131277
Site Name:	LONGS DRUG STORE #820
Site Address:	5065 DEER VALLEY RD
Site City:	ANTIOCH
Site Zip:	94531
Enf Action Date:	10-03-2016
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Contra Costa County Health Services Department

LONGS DRUG STORE #820 (Continued) **S113461546**

Enf Action Program: UST
Enf Action Source: CERS

Site ID: 131277
Site Name: LONGS DRUG STORE #820
Site Address: 5065 DEER VALLEY RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 10-05-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 131277
Site Name: LONGS DRUG STORE #820
Site Address: 5065 DEER VALLEY RD
Site City: ANTIOCH
Site Zip: 94531
Enf Action Date: 12-05-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Contra Costa County Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Coordinates:
Site ID: 131277
Facility Name: LONGS DRUG STORE #820
Env Int Type Code: UST
Program ID: 10012093
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.964336
Longitude: -121.780045

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Stephen Horn, Agent for CVS Pharmacy, Inc.
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: Operator
Entity Name: CVS Pharmacy, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported

LONGS DRUG STORE #820 (Continued) **S113461546**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (401) 765-1500

Affiliation Type Desc: UST Permit Applicant
Entity Name: Eric Ensminger
Entity Title: Agent for CVS Pharmacy, Inc.
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (760) 602-8616

Affiliation Type Desc: UST Tank Owner
Entity Name: CVS Pharmacy, Inc.
Entity Title: Not reported
Affiliation Address: One CVS Drive
Affiliation City: Woonsocket
Affiliation State: RI
Affiliation Country: United States
Affiliation Zip: 02895
Affiliation Phone: (401) 770-3236

Affiliation Type Desc: Identification Signer
Entity Name: Stephen Horn, Agent for CVS Pharmacy, Inc.
Entity Title: Regulatory Compliance Specialist, Verisk 3E
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: CVS Pharmacy, Inc.
Entity Title: Not reported
Affiliation Address: 1 CVS Dr.
Affiliation City: Woonsocket
Affiliation State: RI
Affiliation Country: United States
Affiliation Zip: 02895
Affiliation Phone: (401) 765-1500

Affiliation Type Desc: Parent Corporation
Entity Name: CVS Health
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: UST Tank Operator
Entity Name: CVS Pharmacy, Inc.
Entity Title: Not reported

LONGS DRUG STORE #820 (Continued) **S113461546**

Affiliation Address:	One CVS Drive
Affiliation City:	Woonsocket
Affiliation State:	RI
Affiliation Country:	United States
Affiliation Zip:	02895
Affiliation Phone:	(401) 770-3236
Affiliation Type Desc:	CUPA District
Entity Name:	Contra Costa County Health Services Department
Entity Title:	Not reported
Affiliation Address:	4585 Pacheco BlvdSuite 100
Affiliation City:	Martinez
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94553
Affiliation Phone:	(925) 335-3200
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	CVS Health, Attn: Lee Fuller, 1 CVS Drive - MC2340
Affiliation City:	Woonsocket
Affiliation State:	RI
Affiliation Country:	Not reported
Affiliation Zip:	02895
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	CVS Pharmacy, INC.
Entity Title:	Not reported
Affiliation Address:	One CVS Drive
Affiliation City:	Woonsocket
Affiliation State:	RI
Affiliation Country:	United States
Affiliation Zip:	02895
Affiliation Phone:	(401) 770-3236
Affiliation Type Desc:	Environmental Contact
Entity Name:	CVS Health, Attn: Lee Fuller
Entity Title:	Not reported
Affiliation Address:	One CVS Drive - MC2340
Affiliation City:	Woonsocket
Affiliation State:	RI
Affiliation Country:	Not reported
Affiliation Zip:	02895
Affiliation Phone:	Not reported

CONTRA COSTA CO. SITE LIST:

Name:	LONGS DRUG STORE #820
Address:	5065 DEER VALLEY RD
City:	ANTIOCH
Facility ID:	FA0028126
Billing Status:	INACTIVE, NON-BILLABLE
Program Status:	CONTRA COSTA CO. SITE LIST
Program/Elements:	HWG: REPORTED ZERO
Region:	CONTRA COSTA

LONGS DRUG STORE #820 (Continued) **S113461546**

Cupa Number: 771362

Name: LONGS DRUG STORE #820
Address: 5065 DEER VALLEY RD
City: ANTIOCH
Facility ID: FA0028126
Billing Status: ACTIVE, BILLABLE
Program Status: CONTRA COSTA CO. SITE LIST
Program/Elements: UNDERGROUND STORAGE TANK SITE
Region: CONTRA COSTA
Cupa Number: 771362

37
NNW
> 1
1.399 mi.
7385 ft.

DALLAS RANCH MIDDLE SCHOOL **ENVIROSTOR** **S116165409**
LONE TREE WAY/1401 MOUNT HAMILTON DRIVE **SCH** **N/A**
ANTIOCH, CA 94509

Relative:
Lower

Actual:
183 ft.

ENVIROSTOR:
Name: DALLAS RANCH MIDDLE SCHOOL
Address: LONE TREE WAY/1401 MOUNT HAMILTON DRIVE
City,State,Zip: ANTIOCH, CA 94509
Facility ID: 7450001
Status: No Further Action
Status Date: 01/18/2001
Site Code: 204005
Site Type: School Investigation
Site Type Detailed: School
Acres: 20
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Northern California Schools & Santa Susana
Assembly: 11
Senate: 07
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 37.96801
Longitude: -121.7983
APN: NONE SPECIFIED
Past Use: AIRFIELD OPERATIONS
Potential COC: Arsenic Toluene Lead 1,2-Dichlorobenzene 1,1,1-Trichloroethane (TCA
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL, SV
Alias Name: Not reported
Alias Type: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

DALLAS RANCH MIDDLE SCHOOL (Continued) **S116165409**

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

SCH:

Name:	DALLAS RANCH MIDDLE SCHOOL
Address:	LONE TREE WAY/1401 MOUNT HAMILTON DRIVE
City,State,Zip:	ANTIOCH, CA 94509
Facility ID:	7450001
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	20
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:	204005
Assembly:	11
Senate:	07
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	01/18/2001
Restricted Use:	NO
Funding:	School District
Latitude:	37.96801
Longitude:	-121.7983
APN:	NONE SPECIFIED
Past Use:	AIRFIELD OPERATIONS
Potential COC:	Arsenic, Arsenic, Toluene, Lead, 1,2-Dichlorobenzene, 1,1,1-Trichloroethane (TCA
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL, SV
Alias Name:	Not reported
Alias Type:	Not reported

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported

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

DALLAS RANCH MIDDLE SCHOOL (Continued) **S116165409**

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

Count: 4 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ANTIOCH	S107538445		EMPIRE MINE ROAD	94509	CDL
BRENTWOOD	S106230275	VENTURINI LEASE SITE (BRENTWOOD OI	DEER VALLEY RD & LONE TREE WAY		CPS-SLIC
BRENTWOOD	S106112407	OXY USA INC. (BRENTWOOD OIL & GAS	LONE TREE WAY & DEER VALLEY RD		CPS-SLIC
BRENTWOOD	S106842886	COWELL RANCH/VINEYARDS AT MARSH CR	MARSH CREEK RD/CONCORD AVE		CPS-SLIC

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

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: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/15/2019
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: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/15/2019
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.

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: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/15/2019
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: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/15/2019
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 know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/29/2019
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: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
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: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
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: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
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: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
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: 02/22/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 41

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/10/2019
Next Scheduled EDR Contact: 08/26/2019
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: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
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: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
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: 04/29/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
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 identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
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 inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 21

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 4: Underground Storage Tank Leak List

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

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

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

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

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

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

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

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

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

LUST REG 5: Leaking Underground Storage Tank Database

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

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

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

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

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

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

LUST REG 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

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: 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: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

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

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

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

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 02/19/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 10/13/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

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

Date of Government Version: 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: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
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
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

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

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

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

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

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

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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

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

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

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

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

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

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

Date of Government Version: 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: 04/25/2019
Next Scheduled EDR Contact: 07/22/2019
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: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

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

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust 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: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

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

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
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: 10/03/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 11/07/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/20/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

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

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 58
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

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

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

State and tribal Brownfields sites

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

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 34
Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
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
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 24
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WMUDS/SWAT: Waste Management Unit Database

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 48

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

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

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
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
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: No Update Planned

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

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176
Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/12/2019
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: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
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
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

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

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 58
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
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
Date Data Arrived at EDR: 06/12/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 55
Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 07/22/2019
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
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27
Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE

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

Date of Government Version: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 08/05/2019
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: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

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

Date of Government Version: 02/21/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 04/15/2019
Number of Days to Update: 52

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

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

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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/04/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
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
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

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

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

Date of Government Version: 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: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
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: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 08/05/2019
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: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 32

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
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: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

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

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 27

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
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: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 49

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
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: 10/24/2018
Date Data Arrived at EDR: 01/24/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 40

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 06/24/2019
Next Scheduled EDR Contact: 08/05/2019
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
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 Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
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
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: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

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

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

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

Other Ascertainable Records

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

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

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
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: 03/07/2019
Date Data Arrived at EDR: 04/03/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 50

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
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
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/12/2019
Next Scheduled EDR Contact: 07/22/2019
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
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/12/2019
Next Scheduled EDR Contact: 07/22/2019
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.

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

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/13/2019
Next Scheduled EDR Contact: 08/26/2019
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: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/07/2019
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
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
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
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
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/10/2019
Next Scheduled EDR Contact: 08/19/2019
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
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/18/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2016
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: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
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: 04/24/2019
Next Scheduled EDR Contact: 08/05/2019
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: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 09/16/2019
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: 04/25/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
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

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

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 08/19/2019
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: 03/20/2019
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/10/2019
Next Scheduled EDR Contact: 07/22/2019
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
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 04/08/2019
Next Scheduled EDR Contact: 07/22/2019
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: 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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: 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
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/07/2019
Next Scheduled EDR Contact: 09/16/2019
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
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/07/2019
Next Scheduled EDR Contact: 09/16/2019
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
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 04/02/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 42
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/02/2019
Next Scheduled EDR Contact: 07/15/2019
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 51

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
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: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 30

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/22/2019
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: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
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: 04/11/2019
Next Scheduled EDR Contact: 07/22/2019
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: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
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.

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: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/15/2019
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 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

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

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

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

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

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

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

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

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

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

US MINES: Mines Master Index File

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

Date of Government Version: 11/27/2018
Date Data Arrived at EDR: 02/27/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 33

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
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.

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

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2019
Next Scheduled EDR Contact: 09/09/2019
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
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2019
Next Scheduled EDR Contact: 09/09/2019
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: 03/27/2019
Date Data Arrived at EDR: 03/28/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 34

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 09/23/2019
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: 02/15/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 03/15/2019
Number of Days to Update: 10

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/05/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 04/07/2019
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/09/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Quarterly

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: 02/19/2019
Date Data Arrived at EDR: 02/21/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 39

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
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
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 04/18/2019
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 11

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 01/23/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 34

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
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: 03/19/2019
Date Data Arrived at EDR: 03/22/2019
Date Made Active in Reports: 04/09/2019
Number of Days to Update: 18

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 05/23/2019
Next Scheduled EDR Contact: 09/09/2019
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: 03/01/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Annually

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 32

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

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: 06/24/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Varies

ENF: Enforcement Action Listing

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

Date of Government Version: 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 Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
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.

Date of Government Version: 02/15/2019
Date Data Arrived at EDR: 02/19/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 14

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
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: 04/09/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 50

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Annually

ICE: ICE

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

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 02/20/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 13

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
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: 02/19/2019
Date Data Arrived at EDR: 02/20/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 13

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
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: 04/08/2019
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/09/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Quarterly

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

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 34
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
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: 02/20/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

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

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 23
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
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: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/05/2019
Number of Days to Update: 31
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
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: 03/18/2019
Date Data Arrived at EDR: 03/19/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 41
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
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
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection 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 Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
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
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 64

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/12/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

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

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: No Update Planned

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

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

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized 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: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
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: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
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.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
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: 03/05/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
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: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 08/05/2019
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: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
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: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds 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: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
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: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
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: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
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

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

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

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

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

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

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

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

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

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

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

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

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

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/10/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 70

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/08/2019
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 01/07/2019
Date Data Arrived at EDR: 01/08/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 58

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/16/2019
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: 04/08/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 27

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/24/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 32

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
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: 02/14/2019
Date Data Arrived at EDR: 02/19/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 17

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 29

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 32

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
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: 04/10/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 19

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
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: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
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: 05/20/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 63

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
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: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 01/28/2019
Date Data Arrived at EDR: 02/07/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
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: 05/16/2019
Date Data Arrived at EDR: 05/17/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 13

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/12/2019
Number of Days to Update: 28

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/17/2019
Date Data Arrived at EDR: 01/18/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 46

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
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: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 12/19/2018
Date Data Arrived at EDR: 01/10/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 56

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/15/2019
Date Data Arrived at EDR: 04/16/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 66

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/16/2019
Next Scheduled EDR Contact: 07/29/2019
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: 01/01/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 04/17/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
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: 04/08/2019
Date Data Arrived at EDR: 04/16/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 66

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/16/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
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: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/04/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
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: 02/20/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 13

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
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
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/19/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 50

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/21/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 34

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/23/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 02/05/2019
Date Data Arrived at EDR: 02/07/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 26

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 04/01/2019
Next Scheduled EDR Contact: 07/15/2019
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: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
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: 02/21/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 9

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/13/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 01/02/2019
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 31

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2019
Next Scheduled EDR Contact: 08/19/2019
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: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/12/2019
Number of Days to Update: 42

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
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: 04/11/2019
Date Data Arrived at EDR: 04/12/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 18

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/12/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 69

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
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: 02/05/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 06/18/2019
Number of Days to Update: 77

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/02/2019
Next Scheduled EDR Contact: 07/15/2019
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: 02/06/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 79

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/02/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 48

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
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: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 33

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

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

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
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: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
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: 04/24/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 63
Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
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: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 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: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
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: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 02/13/2019
Date Data Arrived at EDR: 02/15/2019
Date Made Active in Reports: 03/14/2019
Number of Days to Update: 27

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
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: 03/04/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
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: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/10/2019
Next Scheduled EDR Contact: 09/23/2019
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: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 02/13/2019
Date Data Arrived at EDR: 02/19/2019
Date Made Active in Reports: 03/06/2019
Number of Days to Update: 15

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
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: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 01/30/2019
Date Data Arrived at EDR: 02/01/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 34
Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
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: 90
Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
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: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 53
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 27
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 03/18/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
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: 04/03/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 19

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
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 Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 33

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

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: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 01/18/2019
Date Data Arrived at EDR: 01/23/2019
Date Made Active in Reports: 03/06/2019
Number of Days to Update: 42

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
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: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
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: 05/02/2019
Next Scheduled EDR Contact: 08/05/2019
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: 03/26/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 63

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 35
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/05/2019
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: 02/26/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 21
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
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: 03/29/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 76
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 02/08/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/06/2019
Number of Days to Update: 22
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/04/2019
Number of Days to Update: 20
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/10/2019
Next Scheduled EDR Contact: 07/22/2019
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
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/01/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/17/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/10/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Annually

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

THE RANCH AT ANTIOCH
DEER VALLEY ROAD
ANTIOCH, CA 94531

TARGET PROPERTY COORDINATES

Latitude (North):	37.948464 - 37° 56' 54.47''
Longitude (West):	121.791456 - 121° 47' 29.24''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	606185.8
UTM Y (Meters):	4200580.0
Elevation:	265 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5640044 ANTIOCH SOUTH, 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).

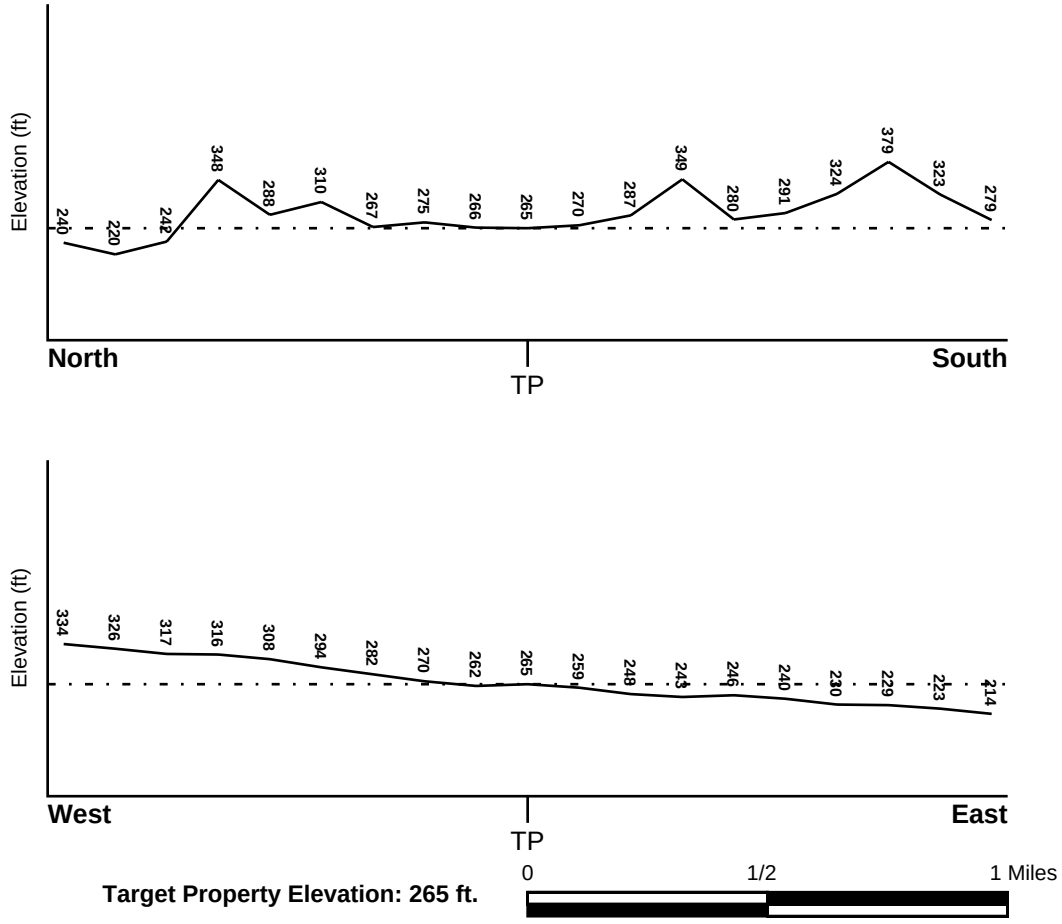
TOPOGRAPHIC INFORMATION

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 NE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 265 ft.

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06013C0335F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06013C0345F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
ANTIOCH SOUTH	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

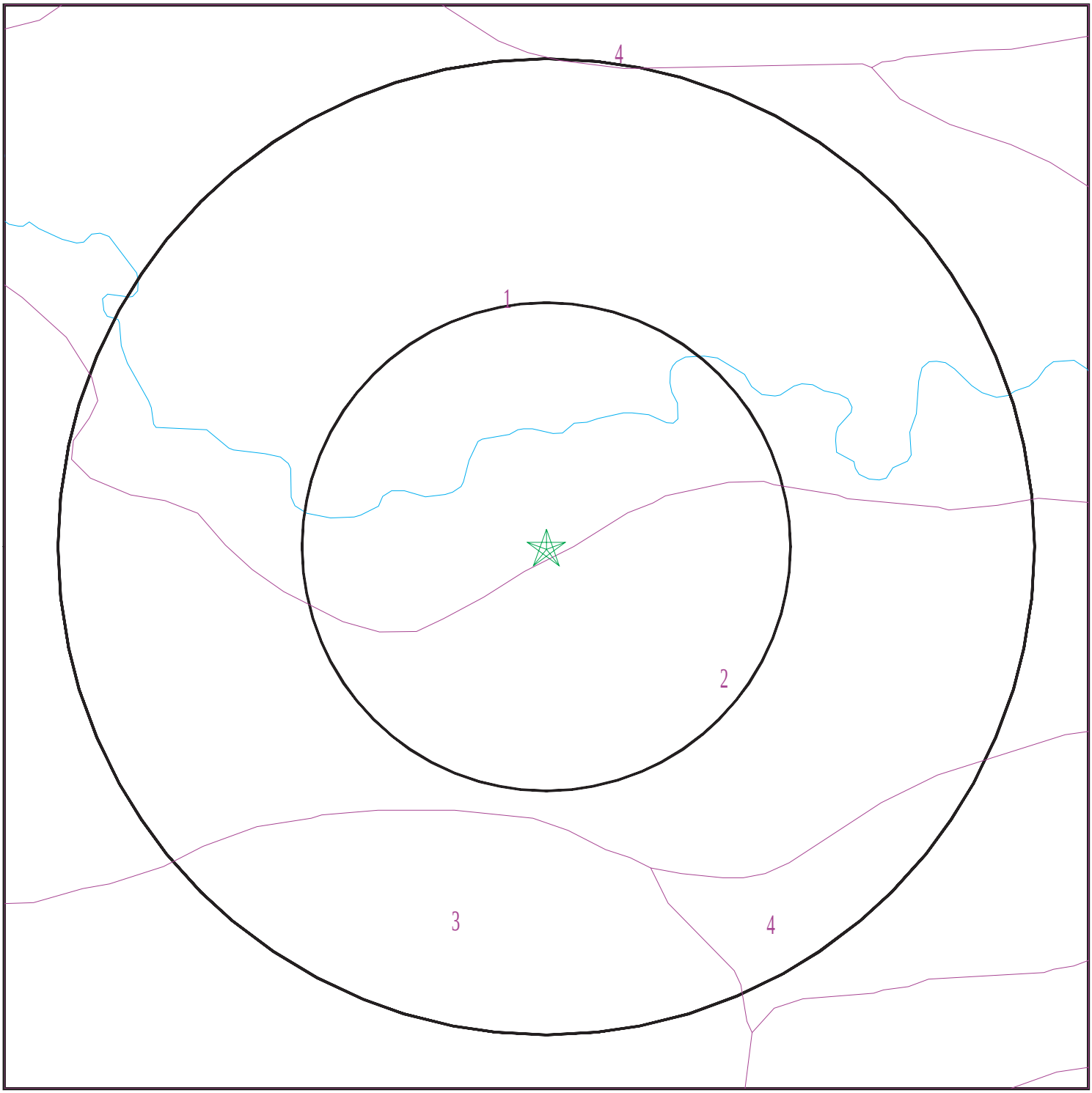
Era:	Cenozoic
System:	Tertiary
Series:	Eocene
Code:	Te *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

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

SSURGO SOIL MAP - 05703189.2r



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	The Ranch At Antioch	CLIENT:	Engeo Inc.
ADDRESS:	Deer Valley Road Antioch CA 94531	CONTACT:	Stephen Blakely
LAT/LONG:	37.948464 / 121.791456	INQUIRY #:	05703189.2r
		DATE:	June 28, 2019 7:16 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: RINCON

Soil Surface Texture: clay loam

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

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	11 inches	29 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
3	29 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

Soil Map ID: 2

Soil Component Name: CAPAY

Soil Surface Texture: clay

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

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	35 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	35 inches	51 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
3	51 inches	72 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

Soil Map ID: 3

Soil Component Name: ALTAMONT

Soil Surface Texture: clay

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	25 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:
2	25 inches	48 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:
3	48 inches	51 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:

Soil Map ID: 4

Soil Component Name: ALTAMONT

Soil Surface Texture: clay

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	25 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:
2	25 inches	48 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:
3	48 inches	51 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

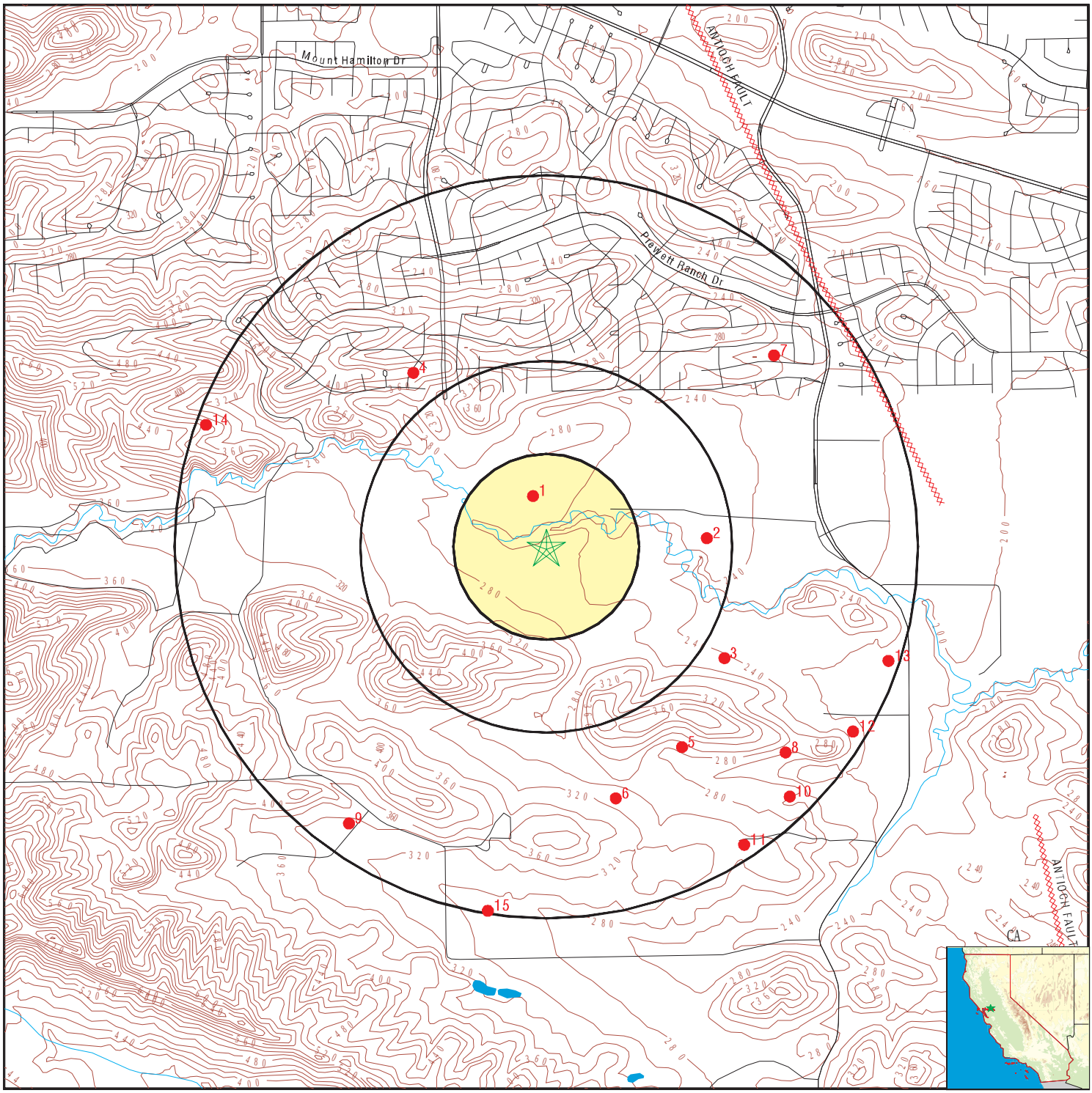
MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG13000007321	1/8 - 1/4 Mile NNW
2	CAOG13000054887	1/4 - 1/2 Mile East
3	CAOG13000054805	1/2 - 1 Mile ESE
4	CAOG13000007430	1/2 - 1 Mile NW
5	CAOG13000054858	1/2 - 1 Mile SE
6	CAOG13000007472	1/2 - 1 Mile SSE
7	CAOG13000054803	1/2 - 1 Mile NE
8	CAOG13000054806	1/2 - 1 Mile SE
9	CAOG13000007368	1/2 - 1 Mile SW
10	CAOG13000054767	1/2 - 1 Mile SE
11	CAOG13000054771	1/2 - 1 Mile SSE
12	CAOG13000054807	1/2 - 1 Mile ESE
13	CAOG13000054812	1/2 - 1 Mile ESE
14	CAOG13000007381	1/2 - 1 Mile WNW
15	CAOG13000007323	1/2 - 1 Mile South

PHYSICAL SETTING SOURCE MAP - 05703189.2r



0 1/4 1/2 1 Miles

- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	The Ranch At Antioch	CLIENT:	Engeo Inc.
ADDRESS:	Deer Valley Road Antioch CA 94531	CONTACT:	Stephen Blakely
		INQUIRY #:	05703189.2r
LAT/LONG:	37.948464 / 121.791456	DATE:	June 28, 2019 7:16 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
NNW **OIL_GAS** **CAOG13000007321**
1/8 - 1/4 Mile

API #:	0401300254	Well #:	1
Well Status:	Plugged	Well Type:	DH
Operator Name:	Exxon Mobil Corporation	Lease Name:	Myrvin C. Carey
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	Y	SPUD Date:	11/10/1962

2
East **OIL_GAS** **CAOG13000054887**
1/4 - 1/2 Mile

API #:	0401320380	Well #:	1-8
Well Status:	Plugged	Well Type:	DH
Operator Name:	Sunset Exploration, Inc.	Lease Name:	Shea-Dividend
Field Name:	Brentwood (ABD)	Area Name:	West
GIS Source:	Notice of Intent to Drill	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	04/25/2013

3
ESE **OIL_GAS** **CAOG13000054805**
1/2 - 1 Mile

API #:	0401300057	Well #:	3-8
Well Status:	Plugged	Well Type:	DH
Operator Name:	Shell Western E&P Inc.	Lease Name:	Qvale
Field Name:	Brentwood (ABD)	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	12/05/1962

4
NW **OIL_GAS** **CAOG13000007430**
1/2 - 1 Mile

API #:	0401320147	Well #:	1-6
Well Status:	Plugged	Well Type:	DH
Operator Name:	UMC Petroleum Corp.	Lease Name:	Dallas et al
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	08/07/1979

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

5
SE
1/2 - 1 Mile

OIL_GAS **CAOG13000054858**

API #:	0401320083	Well #:	1
Well Status:	Plugged	Well Type:	GAS
Operator Name:	Sinco Oil Corp.	Lease Name:	Qvale
Field Name:	Brentwood (ABD)	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	01/22/1972

6
SSE
1/2 - 1 Mile

OIL_GAS **CAOG13000007472**

API #:	0401320287	Well #:	1-18
Well Status:	Plugged	Well Type:	DH
Operator Name:	Baker Oil And Gas Company	Lease Name:	Fleet-Oak Hill Park
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	03/04/1989

7
NE
1/2 - 1 Mile

OIL_GAS **CAOG13000054803**

API #:	0401300055	Well #:	3-5
Well Status:	Plugged	Well Type:	DH
Operator Name:	Shell Western E&P Inc.	Lease Name:	Prewett
Field Name:	Brentwood (ABD)	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	10/30/1963

8
SE
1/2 - 1 Mile

OIL_GAS **CAOG13000054806**

API #:	0401300058	Well #:	2
Well Status:	Plugged	Well Type:	GAS
Operator Name:	Sinco Oil Corp.	Lease Name:	Qvale
Field Name:	Brentwood (ABD)	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	01/05/1964

Map ID
Direction
Distance

Database EDR ID Number

9
SW
1/2 - 1 Mile

OIL_GAS **CAOG13000007368**

API #:	0401320002	Well #:	1
Well Status:	Plugged	Well Type:	DH
Operator Name:	S. M. Reynolds, Opr.	Lease Name:	N.L. & F.
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	03/25/1967

10
SE
1/2 - 1 Mile

OIL_GAS **CAOG13000054767**

API #:	0401300019	Well #:	41-17
Well Status:	Plugged	Well Type:	GAS
Operator Name:	Venturini Associates Inc.	Lease Name:	Ginochio
Field Name:	Brentwood (ABD)	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	10/01/1963

11
SSE
1/2 - 1 Mile

OIL_GAS **CAOG13000054771**

API #:	0401300023	Well #:	32-17
Well Status:	Plugged	Well Type:	OG
Operator Name:	Sinco Oil Corp.	Lease Name:	Ginochio
Field Name:	Brentwood (ABD)	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	02/07/1964

12
ESE
1/2 - 1 Mile

OIL_GAS **CAOG13000054807**

API #:	0401300059	Well #:	41-8
Well Status:	Plugged	Well Type:	DH
Operator Name:	Shell Western E&P Inc.	Lease Name:	Qvale
Field Name:	Brentwood (ABD)	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	11/28/1963

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

13
ESE
1/2 - 1 Mile

OIL_GAS **CAOG13000054812**

API #:	0401300065	Well #:	42-8
Well Status:	Plugged	Well Type:	OG
Operator Name:	Occidental Petroleum Corporation		
Lease Name:	Sullenger	Field Name:	Brentwood (ABD)
Area Name:	West	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
SPUD Date:	01/16/1964		

14
WNW
1/2 - 1 Mile

OIL_GAS **CAOG13000007381**

API #:	0401320040	Well #:	1
Well Status:	Plugged	Well Type:	DH
Operator Name:	L. A. Thomson and A. A. Rembold		
Lease Name:	Higgins	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
SPUD Date:	09/17/1968		

15
South
1/2 - 1 Mile

OIL_GAS **CAOG13000007323**

API #:	0401300258	Well #:	2-18
Well Status:	Plugged	Well Type:	DH
Operator Name:	Shell Western E&P Inc.	Lease Name:	Gursky
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	05/19/1964

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94531	2	0

Federal EPA Radon Zone for CONTRA COSTA County: 2

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

Federal Area Radon Information for CONTRA COSTA COUNTY, CA

Number of sites tested: 55

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.760 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.300 pCi/L	100%	0%	0%
Basement	0.525 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

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

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

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

GEOLOGIC INFORMATION

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

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

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

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

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

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

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

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

STREET AND ADDRESS INFORMATION

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APPENDIX B

ENVIRONMENTAL DATA RESOURCES, INC.

Sanborn Map Report

The Ranch At Antioch
Deer Valley Road
Antioch, CA 94531

Inquiry Number: 5703189.3
June 28, 2019

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

06/28/19

Site Name:

The Ranch At Antioch
Deer Valley Road
Antioch, CA 94531
EDR Inquiry # 5703189.3

Client Name:

Engeo Inc.
2010 Crow Canyon Place
San Ramon, CA 94583
Contact: Stephen Blakely

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Engeo Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 6094-4AEC-A615

PO # NA

Project 4371.000.000 002

UNMAPPED PROPERTY

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

Sanborn® Library search results

Certification #: 6094-4AEC-A615

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

Engeo Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

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APPENDIX C

ENVIRONMENTAL DATA RESOURCES, INC.

Historical Topographic Map Report

The Ranch At Antioch
Deer Valley Road
Antioch, CA 94531

Inquiry Number: 5703189.4
July 01, 2019

EDR Historical Topo Map Report

with QuadMatch™

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

EDR Historical Topo Map Report

07/01/19

Site Name:

The Ranch At Antioch
Deer Valley Road
Antioch, CA 94531
EDR Inquiry # 5703189.4

Client Name:

Engeo Inc.
2010 Crow Canyon Place
San Ramon, CA 94583
Contact: Stephen Blakely

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Engeo Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA

Project: 4371.000.000 002

Coordinates:

Latitude:	37.948464 37° 56' 54" North
Longitude:	-121.791456 -121° 47' 29" West
UTM Zone:	Zone 10 North
UTM X Meters:	606183.09
UTM Y Meters:	4200785.74
Elevation:	265.00' above sea level

Maps Provided:

2012	1898
1980	1896
1973	
1968	
1953	
1943	
1916	
1912	

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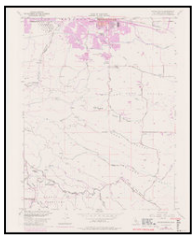
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets

Antioch South
2012
7.5-minute, 24000

1980 Source Sheets



Antioch South
1980
7.5-minute, 24000
Aerial Photo Revised 1978

1973 Source Sheets

Antioch South
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1968 Source Sheets

Antioch South
1968
7.5-minute, 24000
Aerial Photo Revised 1968

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1953 Source Sheets

Antioch South
1953
7.5-minute, 24000
Aerial Photo Revised 1949

1943 Source Sheets

Mt. Diablo
1943
15-minute, 62500
Aerial Photo Revised 1937

1916 Source Sheets

Lone Tree Valley
1916
7.5-minute, 31680

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1898 Source Sheets

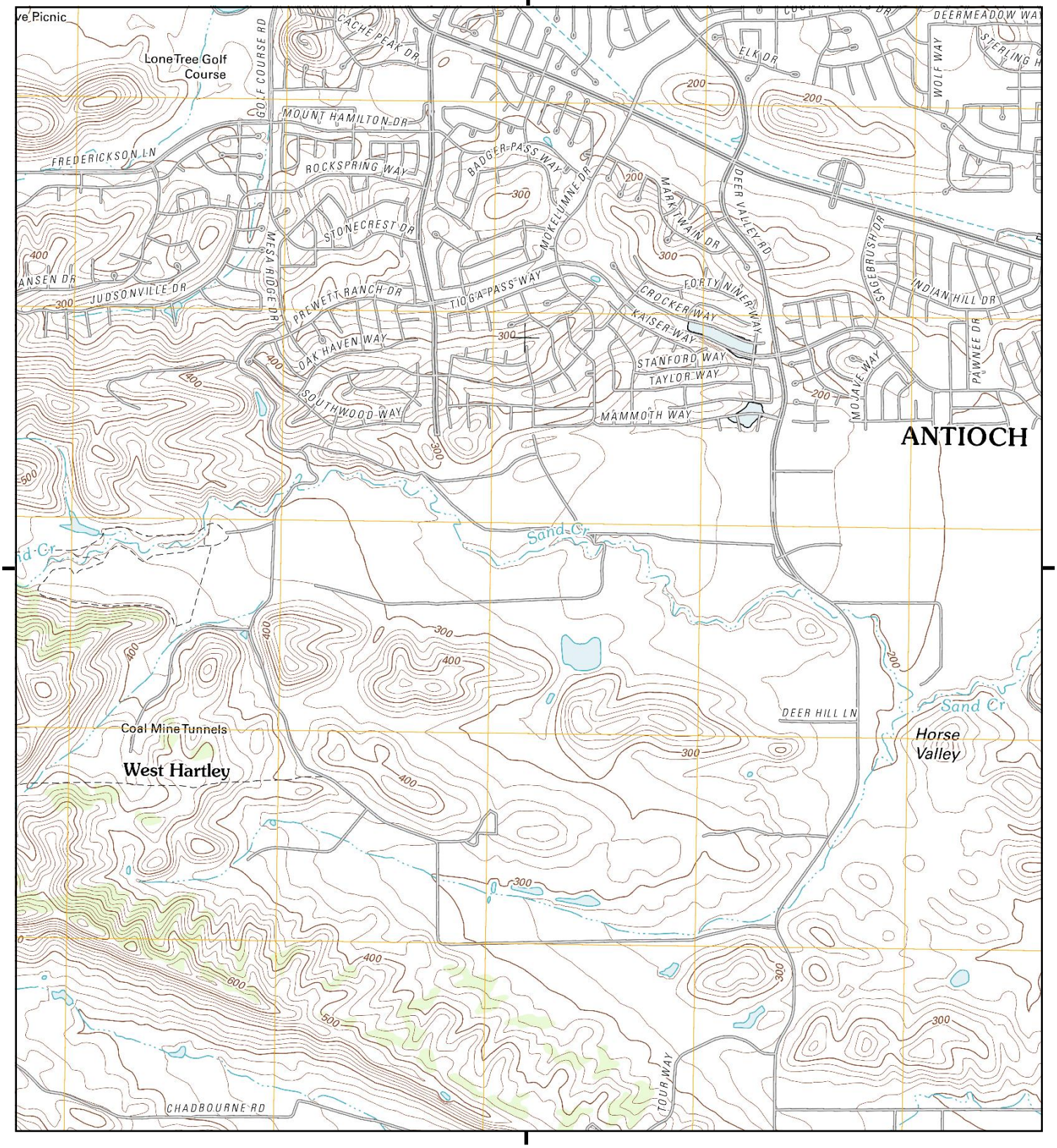
Mt. Diablo
1898
15-minute, 62500

1896 Source Sheets

Mt. Diablo
1896
15-minute, 62500

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

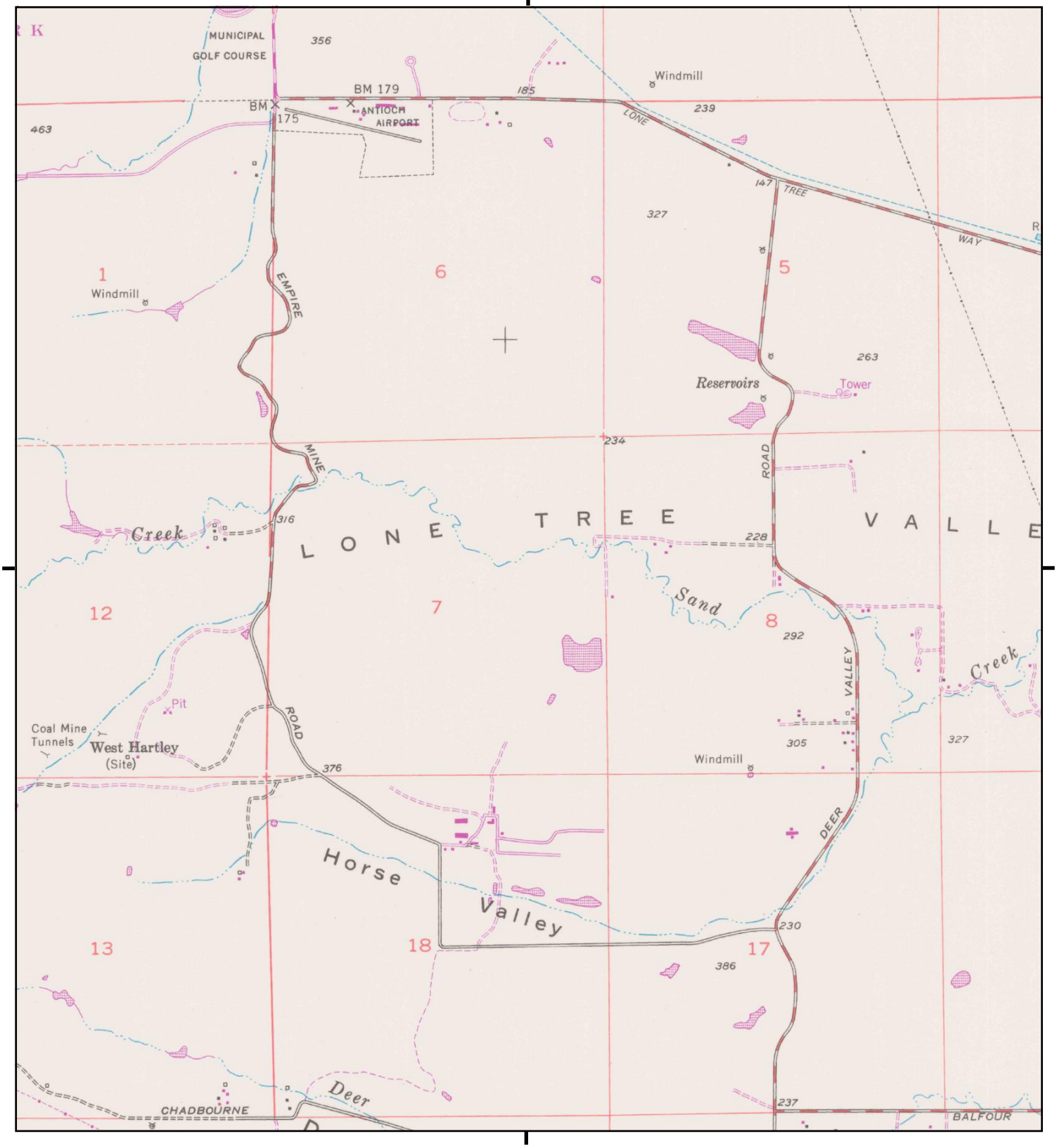
TP, Antioch South, 2012, 7.5-minute

SITE NAME: The Ranch At Antioch
ADDRESS: Deer Valley Road
Antioch, CA 94531
CLIENT: Engeo Inc.

N

Historical Topo Map

1980



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Antioch South, 1980, 7.5-minute

SITE NAME: The Ranch At Antioch
ADDRESS: Deer Valley Road
Antioch, CA 94531
CLIENT: Engeo Inc.

N

This report includes information from the following map sheet(s).

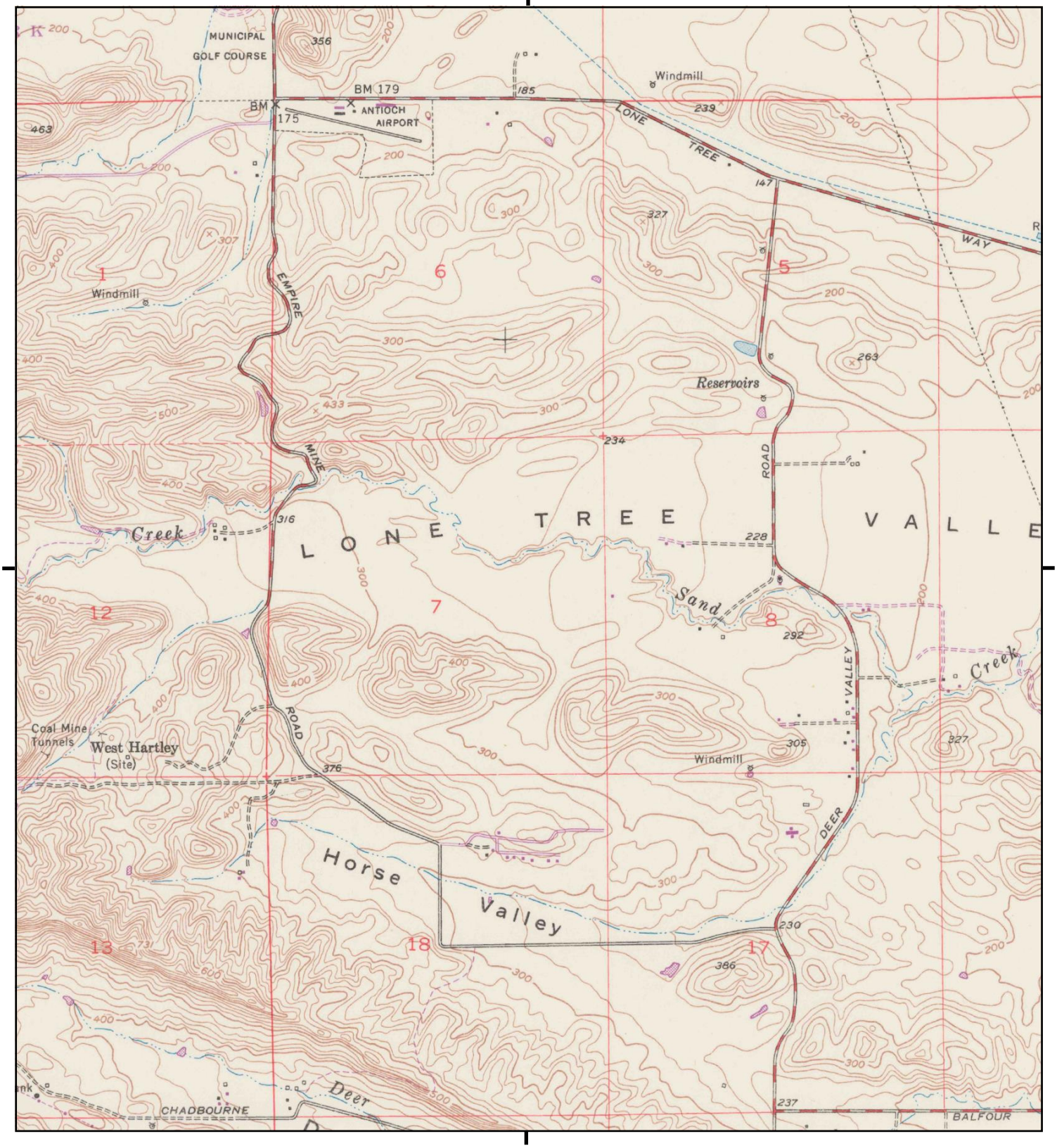
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Antioch South, 1973, 7.5-minute

SITE NAME: The Ranch At Antioch
ADDRESS: Deer Valley Road
Antioch, CA 94531
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Antioch South, 1968, 7.5-minute

SITE NAME: The Ranch At Antioch
ADDRESS: Deer Valley Road
Antioch, CA 94531
CLIENT: Engeo Inc.

N

This report includes information from the following map sheet(s).

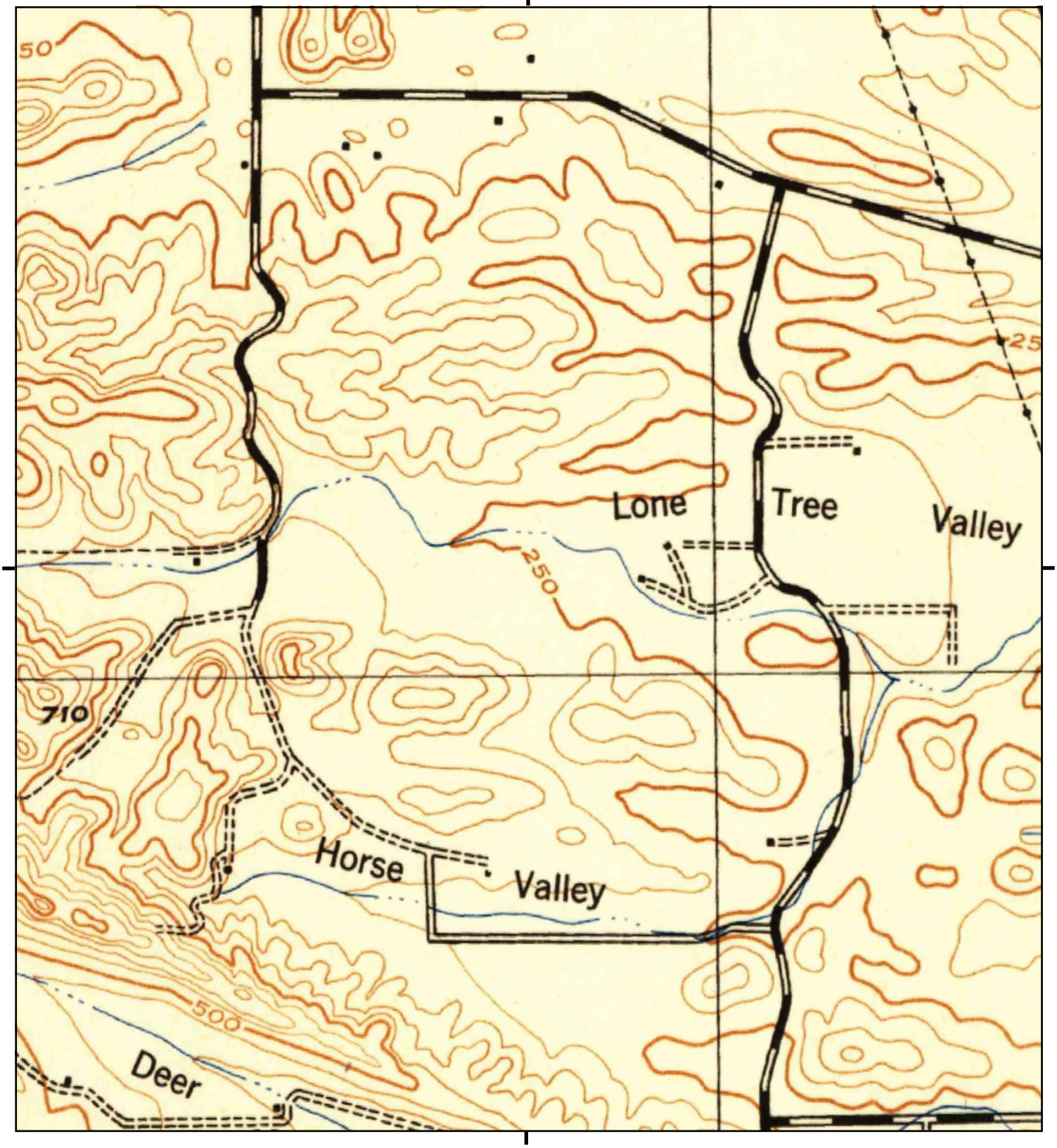
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Antioch South, 1953, 7.5-minute

SITE NAME: The Ranch At Antioch
ADDRESS: Deer Valley Road
Antioch, CA 94531
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

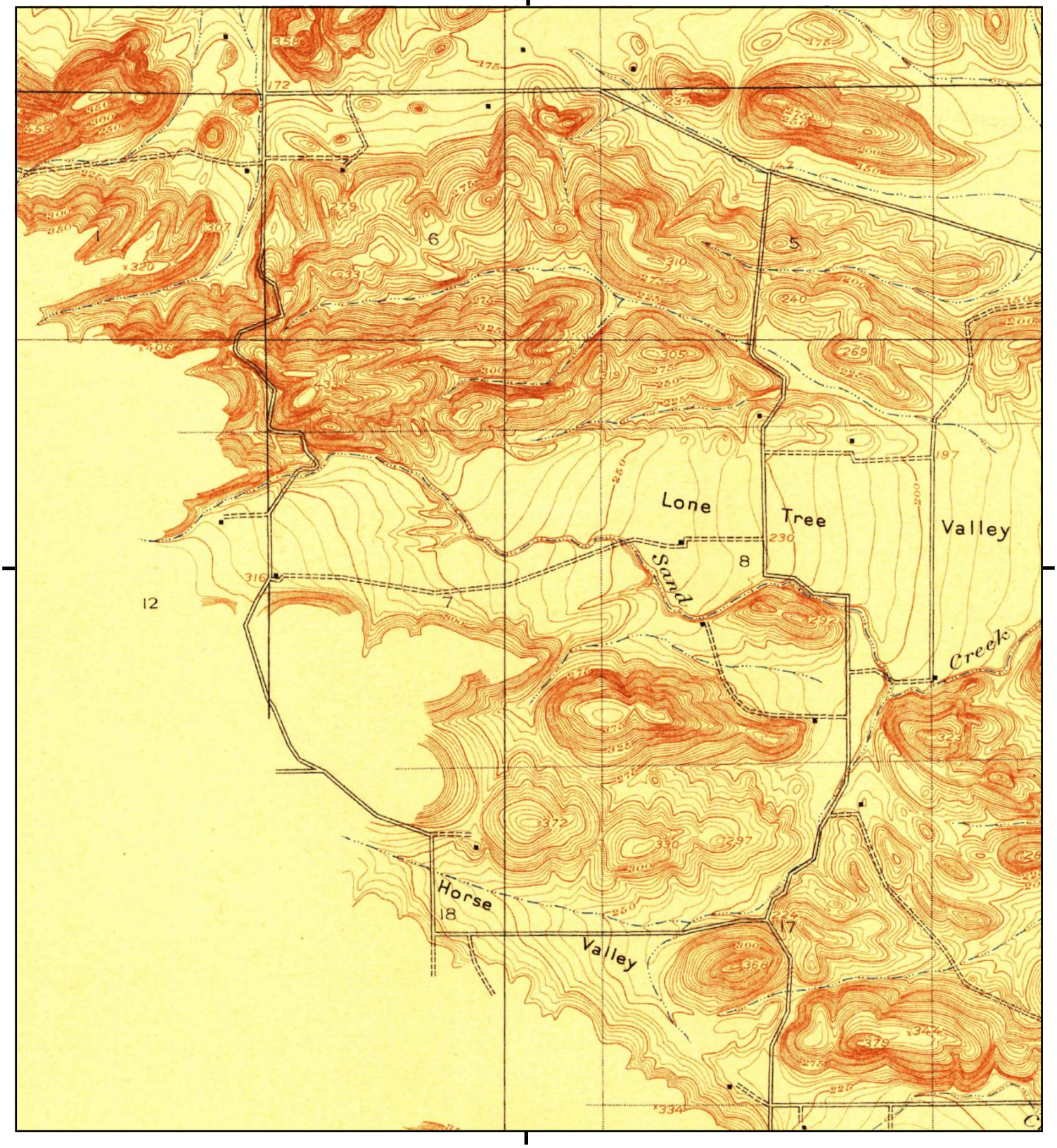
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mt. Diablo, 1943, 15-minute

SITE NAME: The Ranch At Antioch
ADDRESS: Deer Valley Road
Antioch, CA 94531
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

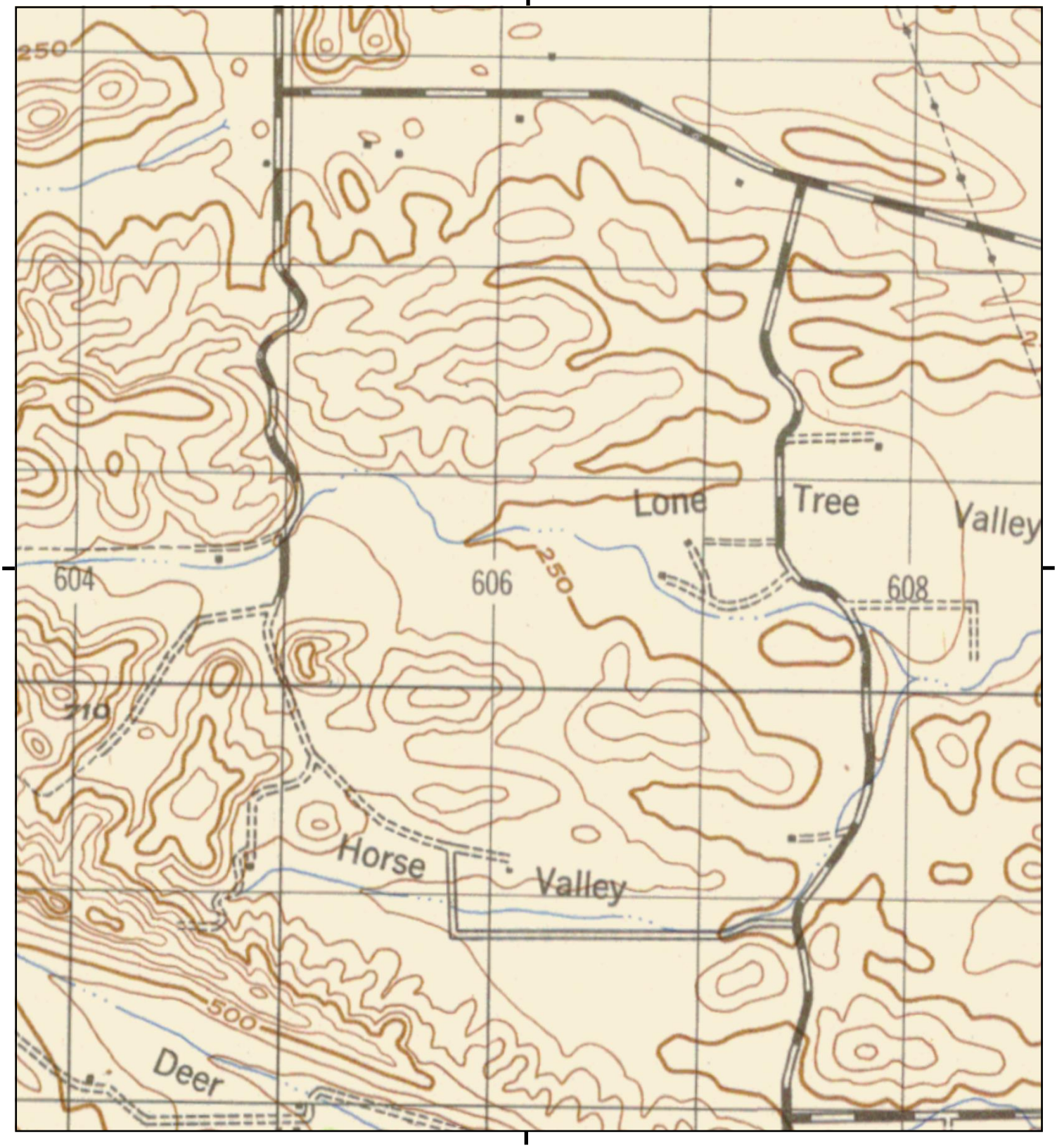
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Lone Tree Valley, 1916, 7.5-minute

SITE NAME: The Ranch At Antioch
ADDRESS: Deer Valley Road
Antioch, CA 94531
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

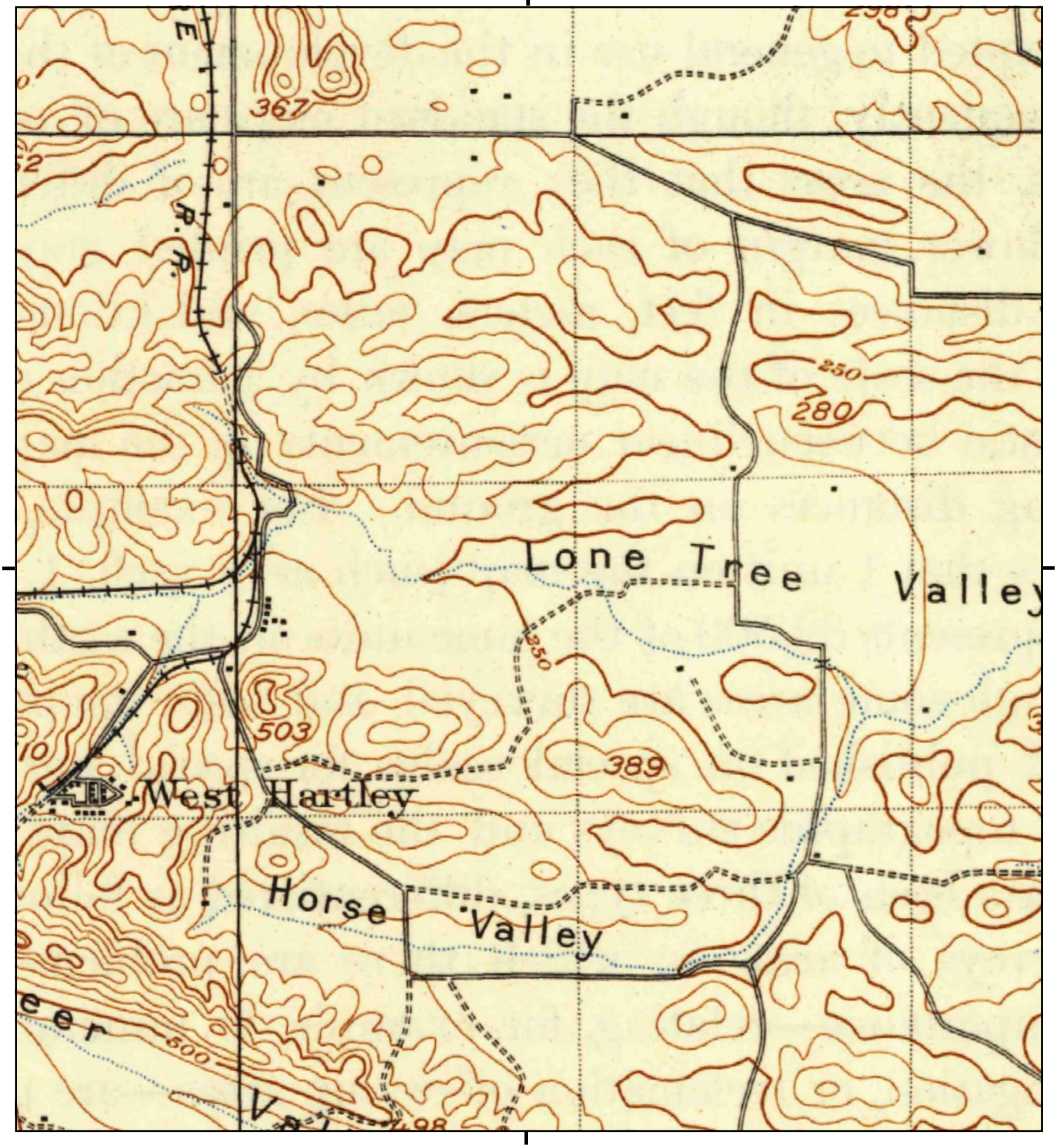
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, MT. DIABLO, 1912, 15-minute

SITE NAME: The Ranch At Antioch
ADDRESS: Deer Valley Road
Antioch, CA 94531
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

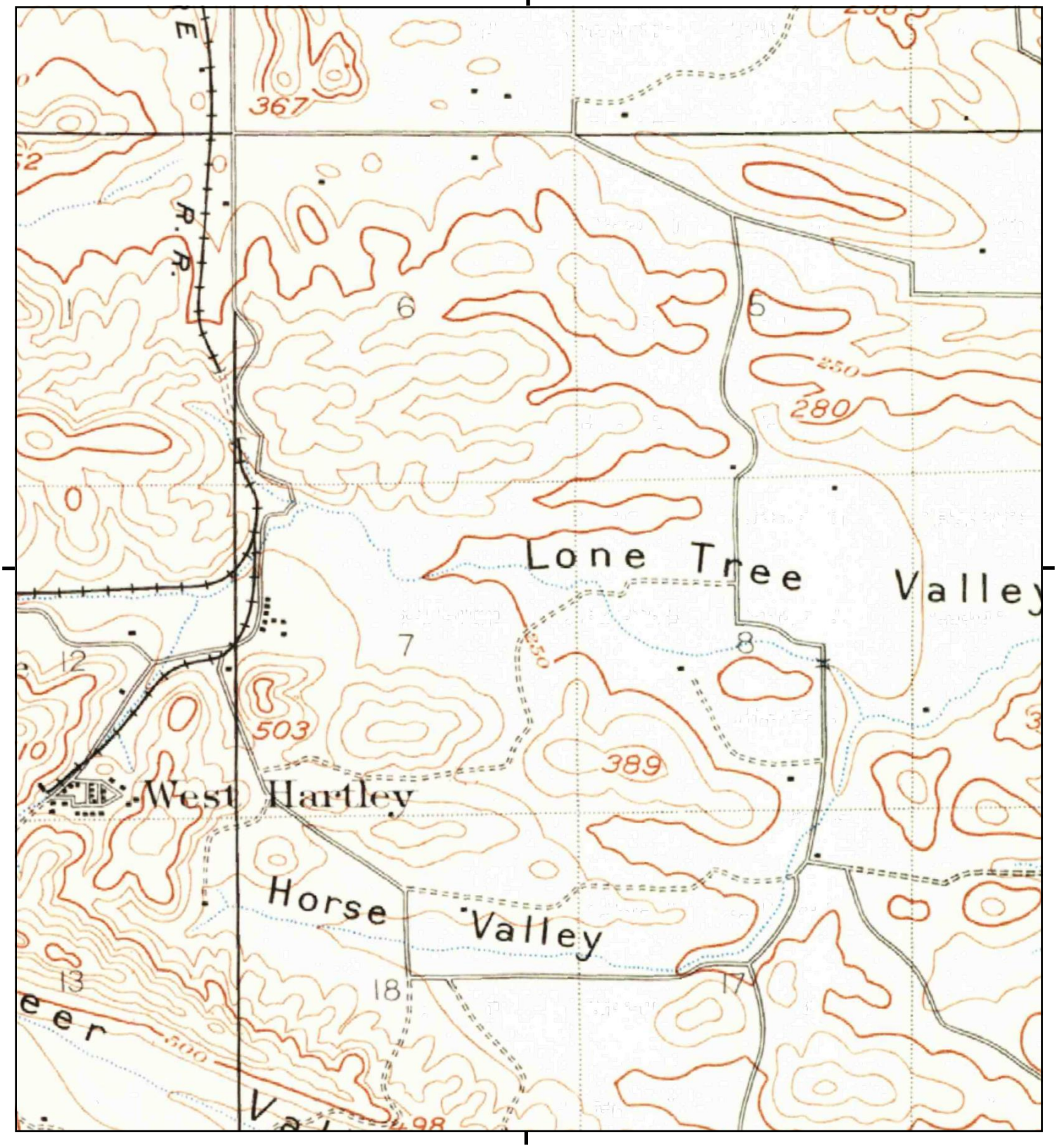
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mt. Diablo, 1898, 15-minute

SITE NAME: The Ranch At Antioch
ADDRESS: Deer Valley Road
Antioch, CA 94531
CLIENT: Engeo Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mt. Diablo, 1896, 15-minute

SITE NAME: The Ranch At Antioch
ADDRESS: Deer Valley Road
Antioch, CA 94531
CLIENT: Engeo Inc.

N

APPENDIX D

FIRST AMERICAN TITLE COMPANY

Preliminary Title Report

First American Title

First American Title Company

4750 Willow Road, Suite 100
Pleasanton, CA 94588

Escrow Officer: Diane Burton
Phone: (925)738-4050
Fax No.: (866)648-7806
E-Mail: dburton@firstam.com

Title Officer: Dennis Lucey
Phone: (925)356-7006
Fax No.:
E-Mail: DLucey@firstam.com

E-Mail Loan Documents to: Lenders please contact the Escrow Officer for email address for sending loan documents.

Property: APN 057-010-002-4, 057-010-003-2, 057-021-003-9
Antioch, CA

PRELIMINARY REPORT

In response to the above referenced application for a policy of title insurance, this company hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception below or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy forms.

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Exhibit A attached. *The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties*. Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Exhibit A. Copies of the policy forms should be read. They are available from the office which issued this report.

Please read the exceptions shown or referred to below and the exceptions and exclusions set forth in Exhibit A of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.

It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects, and encumbrances affecting title to the land.

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

Dated as of July 05, 2018 at 7:30 A.M.

The form of Policy of title insurance contemplated by this report is:

To Be Determined

A specific request should be made if another form or additional coverage is desired.

Title to said estate or interest at the date hereof is vested in:

EPC HOLDINGS 820, LLC, A WASHINGTON LIMITED LIABILITY COMPANY, AS TO 50% INTEREST, AND AMERICAN SUPERIOR LAND, LLC, A DELAWARE LIMITED LIABILITY COMPANY, AS TO 50% INTEREST

The estate or interest in the land hereinafter described or referred to covered by this Report is:

A fee.

The Land referred to herein is described as follows:

(See attached Legal Description)

At the date hereof exceptions to coverage in addition to the printed Exceptions and Exclusions in said policy form would be as follows:

1. General and special taxes and assessments for the fiscal year 2018-2019, a lien not yet due or payable.

2. The lien of special tax assessed pursuant to Chapter 2.5 commencing with Section 53311 of the California Government Code for Community Facilities District 2004-1 ("Antioch CFD No 2004-1"), as disclosed by Notice of Special Tax Lien recorded March 1, 2005 as Instrument No. 2005-0070213-00 of Official Records.

3. The land lies within the boundaries of proposed community facilities District No. 2018-01 (Public Services), as disclosed by a map filed January 24, 2018 in Book 86, Page 34 of maps of assessment and community facilities districts, recorded January 24, 2018 as Instrument No. 2018-0011203 of Official Records.

4. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

5. An easement for pipe lines and pole lines and incidental purposes in the document recorded January 3, 1930 in Book 223, Page 75 of Official Records.

   Affects: A portion of Parcel Two

6. An easement for pipe lines and pole lines and incidental purposes in the document recorded January 24, 1930 in Book 227, Page 23 of Official Records.

   Affects: A portion of Parcel One

7. The terms and provisions contained in the document entitled Drainage Release Agreement recorded September 20, 2001 as Instrument No. 2001-282700 of Official Records.

8. An easement for slope control and incidental purposes in the document recorded September 20, 2001 as Instrument No. 2001-282701 of Official Records.

   Affects: A Northerly portion of Parcels Two and Three

9. An easement for access and maintenance and incidental purposes in the document recorded October 15, 2002 as Instrument No. 2002-371942 of Official Records.

   Affects Parcel One

10. An easement for street light maintenance and incidental purposes in the document recorded August 4, 2003 as Instrument No. 2003-378776 of Official Records.

    Said matter affects a portion of Parcel One.

11. The terms and provisions contained in the document entitled "Reimbursement Agreement" recorded November 09, 2006 as Instrument No. 2006-360495 of Official Records.

    Affects: Parcel One

    Assignment and Assumption of Agreement, recorded June 11, 2014, Instrument No. 2014-0095102, Official Records.

12. The terms and provisions contained in the document entitled "Assignment and Assumption of Agreement" recorded December 24, 2013 as Instrument No. 2013-0293848 of Official Records.

13. Rights of the public in and to that portion of the land lying within any Road, Street, Alley or Highway.

14. Water rights, claims or title to water, whether or not shown by the public records.

15. Rights of parties in possession.

Prior to the issuance of any policy of title insurance, the Company will require:

16. With respect to EPC HOLDINGS 820, LLC, A WASHINGTON LIMITED LIABILITY COMPANY AND AMERICAN SUPERIOR LAND, LLC, a Delaware limited liability company:
a. A copy of its operating agreement and any amendments thereto;
b. If it is a California limited liability company, that a certified copy of its articles of organization (LLC-1) and any certificate of correction (LLC-11), certificate of amendment (LLC-2), or restatement of articles of organization (LLC-10) be recorded in the public records;
c. If it is a foreign limited liability company, that a certified copy of its application for registration (LLC-5) be recorded in the public records;
d. With respect to any deed, deed of trust, lease, subordination agreement or other document or instrument executed by such limited liability company and presented for recordation by the Company or upon which the Company is asked to rely, that such document or instrument be executed in accordance with one of the following, as appropriate:
(i) If the limited liability company properly operates through officers appointed or elected pursuant to the terms of a written operating agreement, such document must be executed by at least two duly elected or appointed officers, as follows: the chairman of the board, the president or any vice president, and any secretary, assistant secretary, the chief financial officer or any assistant treasurer;
(ii) If the limited liability company properly operates through a manager or managers identified in the articles of organization and/or duly elected pursuant to the terms of a written operating agreement, such document must be executed by at least two such managers or by one manager if the limited liability company properly operates with the existence of only one manager.
e. Other requirements which the Company may impose following its review of the material required herein and other information which the Company may require

INFORMATIONAL NOTES

Note: The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than the certain dollar amount set forth in any applicable arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. If you desire to review the terms of the policy, including any arbitration clause that may be included, contact the office that issued this Commitment or Report to obtain a sample of the policy jacket for the policy that is to be issued in connection with your transaction.

1. General and special taxes and assessments for the fiscal year 2017-2018.

First Installment:	$33,586.63, PAID
Penalty:	$0.00
Second Installment:	$33,586.63, PAID
Penalty:	$0.00
Tax Rate Area:	01-132
A. P. No.:	057-021-003-9

Affects: PARCEL ONE

2. General and special taxes and assessments for the fiscal year 2017-2018.

First Installment:	$34,123.88, PAID
Penalty:	$0.00
Second Installment:	$34,123.88, PAID
Penalty:	$0.00
Tax Rate Area:	01-132
A. P. No.:	057-010-003-2

Affects: PARCEL TWO

3. General and special taxes and assessments for the fiscal year 2017-2018.

First Installment:	$49,785.21, PAID
Penalty:	$0.00
Second Installment:	$49,785.21, PAID
Penalty:	$0.00
Tax Rate Area:	01-132
A. P. No.:	057-010-002-4

Affects: PARCEL THREE

4. The property covered by this report is vacant land.

5. According to the public records, there has been no conveyance of the land within a period of twenty-four months prior to the date of this report, except as follows:

None

6. We find no open deeds of trust. Escrow please confirm before closing.

The map attached, if any, may or may not be a survey of the land depicted hereon. First American expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.

LEGAL DESCRIPTION

Real property in the City of Antioch , County of Contra Costa, State of California, described as follows:

PARCEL ONE:

THE NORTHWEST ¼ OF SECTION 8, TOWNSHIP 1 NORTH, RANGE 2 EAST, MOUNT DIABLO BASE AND MERIDIAN.

EXCEPTING FROM PARCEL ONE:

1- THAT 2.25 ACRE PARCEL OF LAND DESCRIBED IN THE DEED TO M.J. ALEXANDER, RECORDED FEBRUARY 4, 1928 IN BOOK 111 OF OFFICIAL RECORDS, PAGE 455.

2- THAT PORTION OF THE PREMISES LYING WITHIN SNODGRASS LANE.

3- THE INTEREST CONVEYED TO THE CITY OF ANTIOCH BY DEED RECORDED OCTOBER 21, 2002, INSTRUMENT NO. 2002-381492, OFFICIAL RECORDS.

PARCEL TWO:

THE NORTHEAST ¼ OF SECTION 7, TOWNSHIP 1 NORTH, RANGE 2 EAST, MOUNT DIABLO BASE AND MERIDIAN.

PARCEL THREE:

LOTS 1 AND 2 IN THE NORTHWEST ¼ AND THE NORTH ½ OF LOTS 1 AND 2 IN THE SOUTHWEST ¼ OF SECTION 7, TOWNSHIP 1 NORTH, RANGE 2 EAST, MOUNT DIABLO BASE AND MERIDIAN.

EXCEPTING FROM PARCEL THREE:

1. AS TO THE NORTHWEST ¼ OF SECTION 7:

(A) THAT PARCEL OF LAND "FOR ROAD PURPOSES" GRANTED IN THE DEED TO BOARD OF SUPERVISORS OF CONTRA COSTA COUNTY, RECORDED DECEMBER 8, 1875, IN BOOK 29 OF DEEDS, PAGE 304.

(B) THAT PARCEL OF LAND DESCRIBED IN THE DEED TO M.W. BELSHAW, ET AL, RECORDED MAY 5, 1877 IN BOOK 32 OF DEEDS, PAGE 460.

2. AS TO THE SOUTHWEST ¼ OF SECTION 7, TOWNSHIP NORTH, RANGE 2 EAST, RIGHTS RESERVED BY THE UNITED STATES OF AMERICA IN THE PATENT RECORDED FEBRUARY 13, 1871, IN BOOK 1 OF PATENTS, PAGE 237, CONTRA COSTA COUNTY RECORDS, AS FOLLOWS:

"EXCLUDING AND EXCEPTING FROM THE TRANSFER BY THESE PRESENTS, ALL MINERAL LANDS SHOULD ANY SUCH BE FOUND TO EXIST IN THE TRACTS DESCRIBED IN THE FOREGOING, BUT THIS EXCEPTION AND EXCLUSION ACCORDING TO THE TERMS OF THE STATUTE SHALL NOT BE CONSTRUCTED TO INCLUDE IRON LAND."

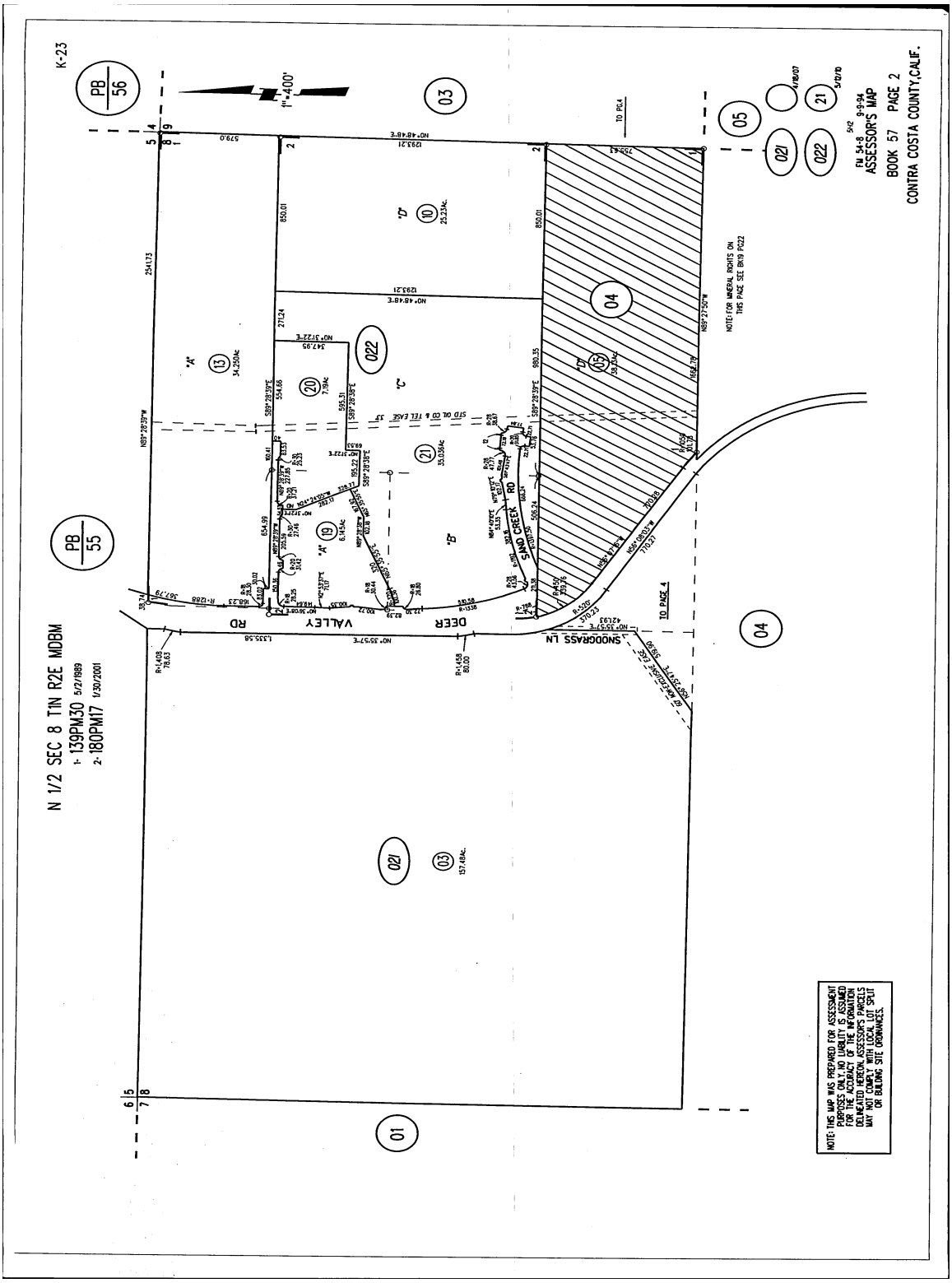
EXCEPTING FROM PARCELS TWO AND THREE ABOVE:

AS TO THE NORTH ½ OF SECTION 7, TOWNSHIP NORTH, RANGE 2 EAST, RIGHTS RESERVED BY THE UNITED STATES OF AMERICA IN THE PATENT RECORDED APRIL 6, 1874, IN BOOK 2 OF PATENTS,

PAGE 50, CONTRA COSTA COUNTY RECORDS, AS FOLLOWS:

"AN UNDIVIDED ONE-HALF INTEREST IN AND TO ALL OIL, GAS, CASINGHEAD GASOLINE AND OTHER HYDROCARBONS AND MINERAL SUBSTANCES BELOW A POINT 500 FEET BELOW THE SURFACE OF SAID LAND, TOGETHER WITH THE RIGHT TO TAKE, REMOVE, MINE, PASS THROUGH AND DISPOSE OF OIL, GAS, CASINGHEAD GASOLINE AND OTHER HYDROCARBONS AND MINERAL SUBSTANCES, BUT WITHOUT ANY RIGHT EXCEPT AS IS HEREINAFTER RESERVED TO ENTER UPON THE SURFACE OF SAID LAND OR UPON ANY PART OF SAID LAND WITHIN THE UPPER 500 FEET OF THE SUBSURFACE OF SAID LAND."

APN: 057-021-003-9 (Affect Parcel One), 057-010-003-2 (Affect Parcel Two) and 057-010-002-4 (Affect Parcel Three)


K-23
PB 56
PB 55
1"=400'
N 1/2 SEC 8 T1N R2E MDBM
1- 139PM30 5/27/1989
2- 180PM17 1/30/2001
ASSESSOR'S MAP
BOOK 57 PAGE 2
CONTRA COSTA COUNTY, CALIF.
FM 54-8 9-9-94
SAND CREEK RD
DEER VALLEY RD
SNOOPASS LN
TO PG.4
TO PAGE 4
NOTE: THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSES ONLY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE INFORMATION DELINEATED HEREON. ASSESSOR'S PARCELS MAY NOT CONFORM WITH LOT LINES, LOT SPLIT OR BUILDING SITE ORDINANCES.

NOTICE

Section 12413.1 of the California Insurance Code, effective January 1, 1990, requires that any title insurance company, underwritten title company, or controlled escrow company handling funds in an escrow or sub-escrow capacity, wait a specified number of days after depositing funds, before recording any documents in connection with the transaction or disbursing funds. This statute allows for funds deposited by wire transfer to be disbursed the same day as deposit. In the case of cashier's checks or certified checks, funds may be disbursed the next day after deposit. In order to avoid unnecessary delays of three to seven days, or more, please use wire transfer, cashier's checks, or certified checks whenever possible.

EXHIBIT A
LIST OF PRINTED EXCEPTIONS AND EXCLUSIONS (BY POLICY TYPE)

CLTA STANDARD COVERAGE POLICY – 1990

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building or zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien, or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
   (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
   (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
   (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
   (c) resulting in no loss or damage to the insured claimant;
   (d) attaching or created subsequent to Date of Policy; or
   (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable doing business laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate of interest insured by this policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

EXCEPTIONS FROM COVERAGE - SCHEDULE B, PART I

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
   Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public, records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the public records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.

CLTA/ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE (12-02-13)

EXCLUSIONS

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning:
   a. building;
   b. zoning;
   c. land use;

d. improvements on the Land;
e. land division; and
f. environmental protection.
This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.

2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.
3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.
4. Risks:
   a. that are created, allowed, or agreed to by You, whether or not they are recorded in the Public Records;
   b. that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the Policy Date;
   c. that result in no loss to You; or
   d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.
5. Failure to pay value for Your Title.
6. Lack of a right:
   a. to any land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
   b. in streets, alleys, or waterways that touch the Land.
   This Exclusion does not limit the coverage described in Covered Risk 11 or 21.
7. The transfer of the Title to You is invalid as a preferential transfer or as a fraudulent transfer or conveyance under federal bankruptcy, state insolvency, or similar creditors' rights laws.
8. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
9. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.

LIMITATIONS ON COVERED RISKS

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows:
For Covered Risk 16, 18, 19, and 21 Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.
The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

	Your Deductible Amount	Our Maximum Dollar Limit of Liability
Covered Risk 16:	1% of Policy Amount Shown in Schedule A or $2,500 (whichever is less)	$10,000
Covered Risk 18:	1% of Policy Amount Shown in Schedule A or $5,000 (whichever is less)	$25,000
Covered Risk 19:	1% of Policy Amount Shown in Schedule A or $5,000 (whichever is less)	$25,000
Covered Risk 21:	1% of Policy Amount Shown in Schedule A or $2,500 (whichever is less)	$5,000

2006 ALTA LOAN POLICY (06-17-06)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

   (i) the occupancy, use, or enjoyment of the Land;
   (ii) the character, dimensions, or location of any improvement erected on the Land;
   (iii) the subdivision of land; or
   (iv) environmental protection;

   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
   (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed, or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;

(c) resulting in no loss or damage to the Insured Claimant;
(d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14); or
(e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.

4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
   (a) a fraudulent conveyance or fraudulent transfer, or
   (b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

[Except as provided in Schedule B - Part II,[t[or T]his policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of:

[PART I

[The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.

PART II

In addition to the matters set forth in Part I of this Schedule, the Title is subject to the following matters, and the Company insures against loss or damage sustained in the event that they are not subordinate to the lien of the Insured Mortgage:]

2006 ALTA OWNER'S POLICY (06-17-06)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

   (i) the occupancy, use, or enjoyment of the Land;
   (ii) the character, dimensions, or location of any improvement erected on the Land;
   (iii) the subdivision of land; or
   (iv) environmental protection;

   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
   (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed, or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;

(c) resulting in no loss or damage to the Insured Claimant;
(d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 or 10); or
(e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.

4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
(a) a fraudulent conveyance or fraudulent transfer, or
(b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of:
[The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the Public Records.
7. [Variable exceptions such as taxes, easements, CC&R's, etc. shown here.]

ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (07-26-10)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

    (i) the occupancy, use, or enjoyment of the Land;
    (ii) the character, dimensions, or location of any improvement erected on the Land;
    (iii) the subdivision of land; or
    (iv) environmental protection;

    or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
    (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
(a) created, suffered, assumed, or agreed to by the Insured Claimant;
(b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
(c) resulting in no loss or damage to the Insured Claimant;
(d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
(e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the

Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.

7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.
9. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
   (a) a fraudulent conveyance or fraudulent transfer, or
   (b) a preferential transfer for any reason not stated in Covered Risk 27(b) of this policy.
10. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
11. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.

Privacy Information
We Are Committed to Safeguarding Customer Information
In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information - particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, together with our subsidiaries we have adopted this Privacy Policy to govern the use and handling of your personal information.

Applicability
This Privacy Policy governs our use of the information that you provide to us. It does not govern the manner in which we may use information we have obtained from any other source, such as information obtained from a public record or from another person or entity. First American has also adopted broader guidelines that govern our use of personal information regardless of its source. First American calls these guidelines its Fair Information Values.

Types of Information
Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:
- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any other means;
- Information about your transactions with us, our affiliated companies, or others; and
- Information we receive from a consumer reporting agency.

Use of Information
We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested of us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We may also provide all of the types of nonpublic personal information listed above to one or more of our affiliated companies. Such affiliated companies include financial service providers, such as title insurers, property and casualty insurers, and trust and investment advisory companies, or companies involved in real estate services, such as appraisal companies, home warranty companies and escrow companies. Furthermore, we may also provide all the information we collect, as described above, to companies that perform marketing services on our behalf, on behalf of our affiliated companies or to other financial institutions with whom we or our affiliated companies have joint marketing agreements.

Former Customers
Even if you are no longer our customer, our Privacy Policy will continue to apply to you.

Confidentiality and Security
We will use our best efforts to ensure that no unauthorized parties have access to any of your information. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We will use our best efforts to train and oversee our employees and agents to ensure that your information will be handled responsibly and in accordance with this Privacy Policy and First American's Fair Information Values. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

Information Obtained Through Our Web Site
First American Financial Corporation is sensitive to privacy issues on the Internet. We believe it is important you know how we treat the information about you we receive on the Internet.
In general, you can visit First American or its affiliates' Web sites on the World Wide Web without telling us who you are or revealing any information about yourself. Our Web servers collect the domain names, not the e-mail addresses, of visitors. This information is aggregated to measure the number of visits, average time spent on the site, pages viewed and similar information. First American uses this information to measure the use of our site and to develop ideas to improve the content of our site.
There are times, however, when we may need information from you, such as your name and email address. When information is needed, we will use our best efforts to let you know at the time of collection how we will use the personal information. Usually, the personal information we collect is used only by us to respond to your inquiry, process an order or allow you to access specific account/profile information. If you choose to share any personal information with us, we will only use it in accordance with the policies outlined above.

Business Relationships
First American Financial Corporation's site and its affiliates' sites may contain links to other Web sites. While we try to link only to sites that share our high standards and respect for privacy, we are not responsible for the content or the privacy practices employed by other sites.

Cookies
Some of First American's Web sites may make use of "cookie" technology to measure site activity and to customize information to your personal tastes. A cookie is an element of data that a Web site can send to your browser, which may then store the cookie on your hard drive.
FirstAm.com uses stored cookies. The goal of this technology is to better serve you when visiting our site, save you time when you are here and to provide you with a more meaningful and productive Web site experience.

Fair Information Values
Fairness We consider consumer expectations about their privacy in all our businesses. We only offer products and services that assure a favorable balance between consumer benefits and consumer privacy.
Public Record We believe that an open public record creates significant value for society, enhances consumer choice and creates consumer opportunity. We actively support an open public record and emphasize its importance and contribution to our economy.
Use We believe we should behave responsibly when we use information about a consumer in our business. We will obey the laws governing the collection, use and dissemination of data.
Accuracy We will take reasonable steps to help assure the accuracy of the data we collect, use and disseminate. Where possible, we will take reasonable steps to correct inaccurate information. When, as with the public record, we cannot correct inaccurate information, we will take all reasonable steps to assist consumers in identifying the source of the erroneous data so that the consumer can secure the required corrections.
Education We endeavor to educate the users of our products and services, our employees and others in our industry about the importance of consumer privacy. We will instruct our employees on our fair information values and on the responsible collection and use of data. We will encourage others in our industry to collect and use information in a responsible manner.
Security We will maintain appropriate facilities and systems to protect against unauthorized access to and corruption of the data we maintain.

APPENDIX E

ENVIRONMENTAL DATA RESOURCES, INC.

Aerial Photo Decade Package

The Ranch At Antioch

Deer Valley Road

Antioch, CA 94531

Inquiry Number: 5703189.8

July 02, 2019

The EDR Aerial Photo Decade Package

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

EDR Aerial Photo Decade Package

07/02/19

Site Name:

The Ranch At Antioch
Deer Valley Road
Antioch, CA 94531
EDR Inquiry # 5703189.8

Client Name:

Engeo Inc.
2010 Crow Canyon Place
San Ramon, CA 94583
Contact: Stephen Blakely

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

Search Results:

Year	*Scale*	*Details*	*Source*
2016	1"=1000'	Flight Date: January 01, 2016	USGS
2014	1"=1000'	Flight Date: January 01, 2014	USGS
2010	1"=1000'	Flight Date: January 01, 2010	USGS
2005	1"=1000'	Flight Date: January 01, 2005	USGS
1998	1"=1000'	Flight Date: January 01, 1998	USGS
1993	1"=1000'	Flight Date: January 01, 1993	USGS
1987	1"=1000'	Flight Date: January 01, 1987	USGS
1982	1"=1000'	Flight Date: January 01, 1982	USGS
1974	1"=1000'	Flight Date: January 01, 1974	USGS
1968	1"=1000'	Flight Date: January 01, 1968	USGS
1959	1"=1000'	Flight Date: January 01, 1959	UDSA
1950	1"=1000'	Flight Date: January 01, 1950	UDSA
1949	1"=1000'	Flight Date: January 01, 1949	USGS
1939	1"=1000'	Flight Date: January 01, 1939	UDSA

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INQUIRY #: 5703189.8

YEAR: 2016

= 1000'

N

EDR

Subject boundary not shown because it exceeds image extent or image is not georeferenced.

INQUIRY #: 5703189.8

YEAR: 2014

= 1000'

N

EDR

Subject boundary not shown because it exceeds image extent or image is not georeferenced.

INQUIRY #: 5703189.8

YEAR: 2010

= 1000'

N

EDR

Subject boundary not shown because it exceeds image extent or image is not georeferenced.

INQUIRY #: 5703189.8

YEAR: 2005

= 1000'

N

EDR

Subject boundary not shown because it exceeds image extent or image is not georeferenced.

INQUIRY #: 5703189.8

YEAR: 1998

= 1000'

N

EDR

Subject boundary not shown because it exceeds image extent or image is not georeferenced.

INQUIRY #: 5703189.8

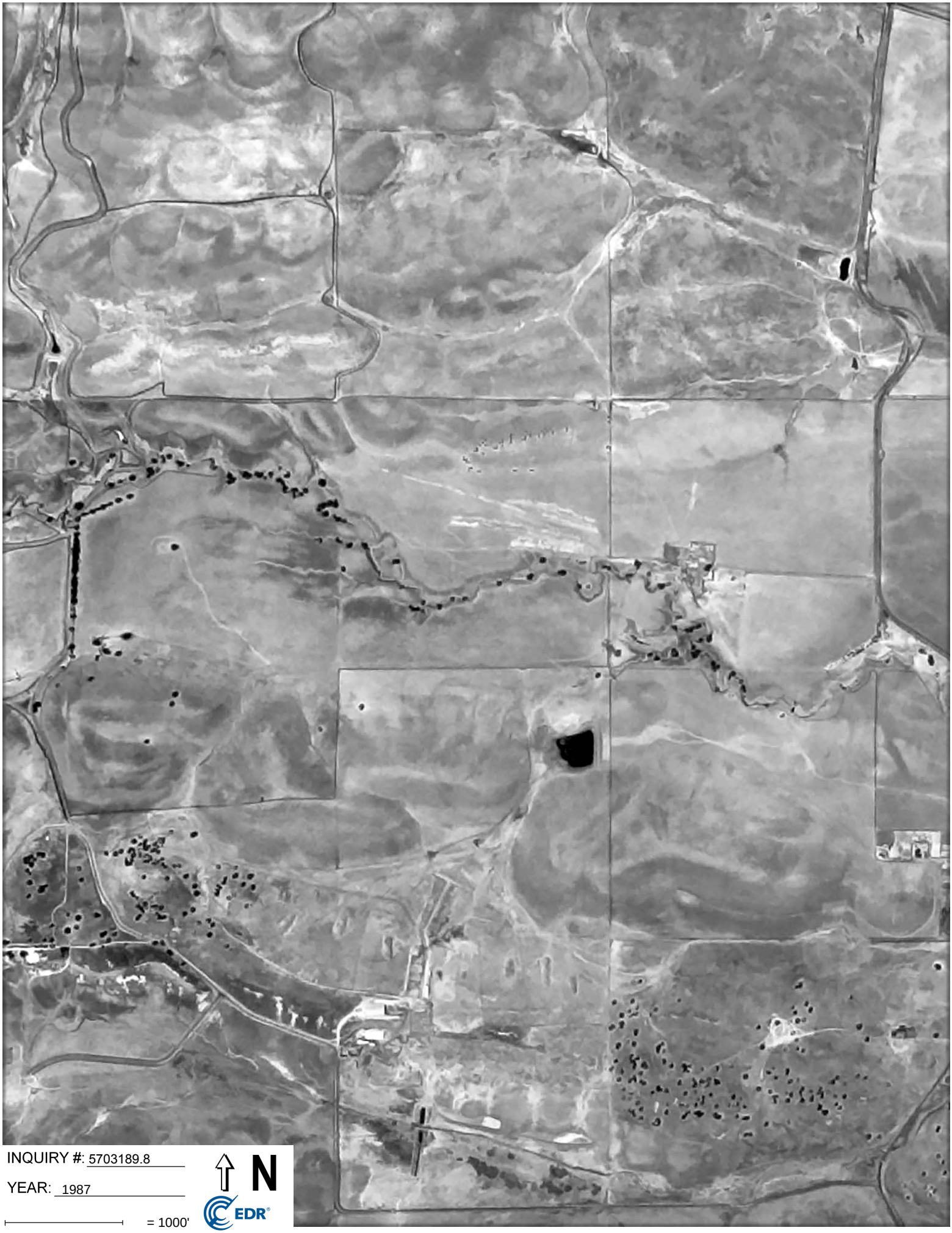
YEAR: 1993

= 1000'

N

EDR

Subject boundary not shown because it exceeds image extent or image is not georeferenced.



INQUIRY #: 5703189.8

YEAR: 1987

= 1000'

N

EDR

INQUIRY #: 5703189.8

YEAR: 1982

= 1000'

N

EDR

Subject boundary not shown because it exceeds image extent or image is not georeferenced.

INQUIRY #: 5703189.8

YEAR: 1974

= 1000'

N

EDR

INQUIRY #: 5703189.8

YEAR: 1968

= 1000'

N

EDR

INQUIRY #: 5703189.8

YEAR: 1959

= 1000'

N

EDR

Subject boundary not shown because it exceeds image extent or image is not georeferenced.

INQUIRY #: 5703189.8

YEAR: 1950

= 1000'

N

EDR

Subject boundary not shown because it exceeds image extent or image is not georeferenced.

INQUIRY #: 5703189.8

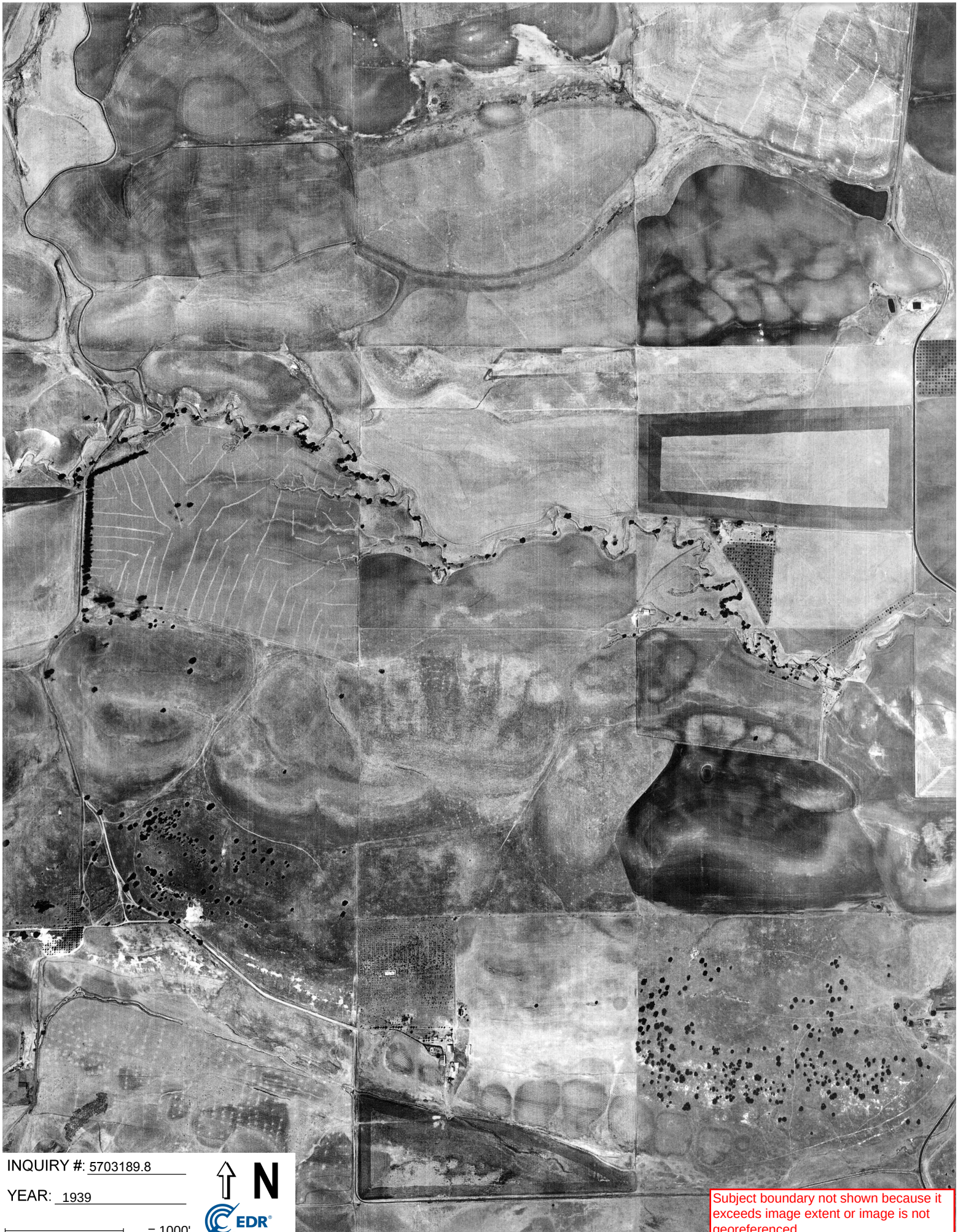
YEAR: 1949

= 1000'

N

EDR

Subject boundary not shown because it exceeds image extent or image is not georeferenced.



INQUIRY #: 5703189.8

YEAR: 1939

= 1000'

N

EDR

Subject boundary not shown because it exceeds image extent or image is not georeferenced.

APPENDIX F

ENVIRONMENTAL DATA RESOURCES, INC.

City Directory

The Ranch At Antioch
Deer Valley Road
Antioch, CA 94531

Inquiry Number: 5703189.5
July 03, 2019

The EDR-City Directory Image Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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SECTION

Executive Summary

Findings

City Directory Images

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

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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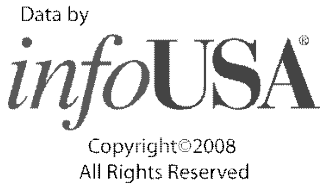

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2014	☑	☐	EDR Digital Archive
2010	☑	☐	EDR Digital Archive
2005	☑	☐	EDR Digital Archive
2000	☑	☐	EDR Digital Archive
1995	☑	☐	EDR Digital Archive
1992	☑	☐	EDR Digital Archive
1987	☑	☐	Haines Criss-Cross Directory
1982	☑	☐	Haines Criss-Cross Directory
1977	☑	☐	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

Deer Valley Road
Antioch, CA 94531

Year	***CD Image***	***Source***
DEER VALLEY RD		
2014	pg A2	EDR Digital Archive
2010	pg A7	EDR Digital Archive
2005	pg A12	EDR Digital Archive
2000	pg A17	EDR Digital Archive
1995	pg A20	EDR Digital Archive
1992	pg A21	EDR Digital Archive
1987	pg A22	Haines Criss-Cross Directory
1982	pg A23	Haines Criss-Cross Directory
1977	pg A24	Haines Criss-Cross Directory

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

DEER VALLEY RD 2014

3305	DOLLAR TREE STORES INC
3325	SALLY BEAUTY SUPPLY LLC
	SCORE EDUCATIONAL CENTERS
3329	SUBWAY HILLCREST
3333	HAIR ZONE
	NGUYEN MICHELLE
3341	SOUTHWSTERN PCF SPCLTY FIN INC
3345	PAPA MURPHYS TAKE N BAKE PIZZA
3353	RITE AID DRUG PALACE INC
	THRIFTY PAYLESS INC T/A
3365	SAFEWAY INC
	WELLS FARGO BANK NATIONAL ASSN
3373	A-Z TAILOR & TUXEDO
	ARCH TELECOM INC
	DIABLO WIRELESS INC
	NORTHSTAR WIRELESS
3377	3 SQUARE MEALS INC
	65 MAX ENTERTAINMENT
	AFFORDABLE WEB SITE DESIGN DEV
	ALL RADS LEAD 65 MAX FUNDATION
	DAVIS JOHN WESLEY
	DC PRINTING
	E3HAB HOLDINGS LLC
	ISLAND HUTS INC
	LEGACY RENOVATIONS INC
	MASON TOM TRUCKING
	MOONLIGHTING
	MOTIVATED MOMS
	PC PHONE CARDS
	POSTAL ANNEX PLUS
	SAL ROBLES ROOFING INC
	SANAEE GHAZNAWI ASSOCIATION
	SYNVESTMENT HOLDINGS LLC
3379	CROSSINGS DENTAL CARE INC
3381	DEER VALLEY CHIROPRACTIC
3385	AFFILIATED MRTIAL ARTS PRMTRS
	DELTA ONE MARTIAL ARTS INC
3393	LAMOTHE THOMAS
3397	WAYPOINT HOMES
3402	FERRIER, LORETTA
3405	BELTON & BELTON INC
	CARTRIDGE WORLD
3409	PRETTY NAIL
3413	BETTER HOMES RLTY MANN & ASSOC
	GBILIA SAMUEL G
3416	WALGREEN CO
3420	ABAO, PATRICIA G
	ALLEN, ALMA F
	ALVAREZ, LETICIA D
	ANTIOCH HILLCREST TERRACE INC

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

DEER VALLEY RD 2014 (Cont'd)

3420	BARTLETT, VIRGINIA L
	BITLER, BERNADETTE G
	BOTELHO, PATRICIA F
	CARREOS, EDNA
	CASTANEDA, LUCY M
	CASTILLO, LUCY A
	CHAVEZ, JOSE S
	CHRISTIAN CH HMES OF NTHRN CAL
	CLARKE, ROGER E
	CUENTO, R
	DAVIDSON, MARIA C
	DEGUZMAN, JORGE
	DUBON, ALICIA J
	DUNHAM, JEANNE C
	DURAN, MARIA E
	EGGERS, CORAL
	ENYART, JANINE A
	GAINES, BETTY J
	GRABUS, MARGARET J
	HUFF, VERNA E
	IBAY, LIGAYA
	JIMENEZ, EULALIA D
	KASHU, WILLIAM M
	KHUMALO, GEOFFREY M
	MELLIEON, HUEY
	MENDOZA, MIGUEL
	MILDRED, KHUMALO
	MORGAN, FELISA D
	NEVILLS, PATTI S
	PEREZ, PHYLLIS
	POLIO, JENNIFER M
	ROMERO, ELIGIA F
	ROSE, MEARL A
	SANTILLANA, SONIA
	STATER, DICY I
	TALAG, FELIPE
	WINSLOW, FRANCES J
3421	DADS CAFE
3426	OREILLY AUTOMOTIVE INC
3428	PLANET TAN
3436	MEI MEI
3440	RENT-A-CENTER INC
3445	TACO BELL CORP
3448	PET FOOD EXPRESS
3450	MCDONALDS ANTIOCH
3457	GREAT CLIP
	JPMORGAN CHASE BANK NAT ASSN
3501	PS ORANGECO INC
	SHURGARD STORAGE CENTERS LLC
3505	SHERWIN-WILLIAMS COMPANY

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

DEER VALLEY RD 2014 (Cont'd)

4850	ABRAHAM, JAMES S
	BARKLEY, ADRENA
	BARLOW, GWENDOLYNN I
	BEAGLE, GENEVIEVE A
	BEHRENS, ROBERT L
	BENKERT, MABEL M
	BERG, ROBERT
	BICHLER, BEATRICE C
	BISHOP, MARGIE R
	BOVICH, VIVIA M
	BRISBON, DIANE J
	CALHOUN, JOHN C
	CHAVEZ, ELOISE
	CONNER, JEAN D
	COOK, G E
	DEJONG, CORNELL
	DEVLIN, DEANNA L
	DIANE, BRISBON
	DRENDELL, LARI L
	DUERRE, MELVIN G
	DUFFY, EVELYN L
	EDWARDS, CARMEN W
	ENDRES, GLENN R
	EVERS, PATRICIA W
	GABRIELLI, BERNA S
	GALLAGHER, ELEANOR M
	GIBNEY, PETER
	GLOWACKI, NANCY
	GRAVES, JASON A
	GURTLER, PATRICIA A
	HAFEY, BILLIE J
	HAMMEREL, OLLIE M
	HENTSCHEL, RONALD B
	HEYER, JOHN B
	HILL, L
	HOLIDAY RETIRE
	HOOK, TINA M
	HUMMER, LOUIS E
	JEAN, ROBERTS
	JOHN, CALHOUN
	KELLY, JESSIE M
	KILBOURNE, HELEN S
	KOCH, ROBERT R
	LANGSPON, TODD
	LEBER, L
	LESTER, YOUNG
	LEWIS, EDWARD A
	LOW, MARGARET R
	LUTTENBERGER, GEORGE
	MARINER, IRENE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

DEER VALLEY RD 2014 (Cont'd)

4850	MARTIN, RUTH
	MICHAELIS, JEANETTE M
	MILLER, ELIZABETH U
	MOLLEKER, LYNN L
	MONROE, EUGENE W
	MORROW, KENNETH P
	MUIR, S
	MURDOCK, LUCILLE H
	NEWMAN, WANDA G
	NIMMO, JEAN R
	OLIVIER, LILLIAN E
	PARENO, MICHAEL C
	PASKEWITZ, W
	PATTESON, BARBARA F
	PHILLIPS, JOE E
	PIERCE, GREGORY A
	PRATHER, JOAN J
	PUCKETT, GIANNA
	RANEY, JESSIE E
	RAVER, THERESA D
	RAYNER, GARY R
	REYES, SOCORRO
	RISER, SUZANNE R
	ROBERTS, BARBARA B
	ROGERS, A
	RUCKER, JESSE S
	SALON DAMOUR
	SARDINHA, MANUEL
	SERRA, DELORIS E
	SIRL, ISABELLE H
	SKILBOURNE, H
	SOUZA, MARGIE H
	SPAINHOWER, THOMAS H
	SPRINGS, NEAL M
	SULLIVAN, ELVA J
	THOMPSON, MARK A
	WHITE, DOROTHY P
	WILLIAMS, ANITA
	WONG, BARBARA
5151	BROADWAY VETERINARY ASSOCIATES
5201	5460 DORR STREET HOLDINGS LLC
	ALEXANDER PROPERTIES LLC
	AMITA K SUVARNA PC
	DOBIN DOBIN M DDS MS PC
	DR A NANCY DUBUK DDS
	DUPREE KENNETH REID DMD
	ERBEZ GEORGE T DDS
	FIRST ADVANCED DENTISTRY
	GARCIA SUE
	GORCZYCA ANN MARIE DMD

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

DEER VALLEY RD 2014 (Cont'd)

5201	GREEN JAMES P DDS DENTAL CORP
	HAUG J K DDS
	MC DONALD DDS & DELOSO DDS
	MILLER MARK W DDS
	STEPHEN JOHN CANNONE
5601	DR QUOC D NGUYEN DO
	HSIAO-PIN CHIN MD
	KAISER FOUNDATION HOSPITALS
	LETHA JAYAKRISHNAN MD
	VOLTAIRE PAJE MD
6275	DEJESUS, EDWARD D
	EDWARD DDEJESUS
6459	MIKOLAJCZYK, MARTIN P
6801	BARTLETT, WALTER A
	C S B TELECOM SERVICES
6813	OCCUPANT UNKNOWN,
6911	OCCUPANT UNKNOWN,
6921	CARDOZA, JULIO C
6931	ESTRELLA, ROBERT J
6951	SEXTON, RAYMOND

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

DEER VALLEY RD 2010

3305	DOLLAR TREE STORES INC 4406
3321	LAMOTHE THOMAS
3325	PLAY IT AGAIN PIANOS & MORE
	SCORE EDUCATIONAL CENTERS
3333	NGUYEN MICHELLE
	RUSSELLS HOUSE OF STEEL
3341	SOUTHWSTERN PCF SPCLTY FIN INC
3345	PAPA MURPHYS TAKE N BAKE PIZZA
3353	RITE AID DRUG PALACE INC
3365	SAFEWAY INC
3373	DIABLO WIRELESS INC
	GTA ENTERPRISES
	NEXTEL WIRELESS
	NORTHSTAR WIRELESS
	PROSTAR WIRELESS
3377	3 SQUARE MEALS INC
	DAVIS JOHN WESLEY
	DC PRINTING
	DC RPINTING LLC
	DEJA VU SCRAP BOOK DESIGN
	DOCU-KWIK
	FAIRYTALE VENDING LLC
	GUARASCIO FINANCIAL GROUP INC
	IACCC
	INDUSTRIAL ASSN CONTRA COSTA C
	ISLAND HUTS INC
	LEGACY RENOVATIONS INC
	MOONLIGHTING
	MOTIVATED MOMS
	PC PHONE CARDS
	POSTAL ANNEX PLUS
	RHEM, VERSHON N
	SAL ROBLES ROOFING INC
	SANAEE GHAZNAWI ASSOCIATION
	SEED FAITH CHRISTN FELLOWSHIP
	SYNVESTMENT HOLDINGS LLC
	TOP HAT CONSTRUCTION INC
	URBAN RE INVESTING GROUP LLC
	WORLD ESTATE INVESTMENT INC
	YOLANDA THOMPSON
3379	CROSSINGS DENTAL CARE INC
3381	DEER VALLEY CHIROPRACTIC
3385	DELTA ONE MARTIAL ARTS INC
3403	SECOND SEASON UNIFORMS INC
3405	BELTON & BELTON INC
	CARTRIDGE WORLD 0668
3409	PRETTY NAIL
3413	GBILIA SAMUEL G
	OLSEN PAM
	SOARES THERESA

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

DEER VALLEY RD 2010 (Cont'd)

3416	WALGREEN CO
3420	ABAO, CONCEPCION G
	ALLEN, ALMA F
	ANDERSON, JAMES
	BITLER, BERNADETTE G
	BOTELHO, PATRICIA F
	CARMONA, JUANITA E
	CARREOS, EDNA
	CASTANEDA, LUCY M
	CASTILLO, LUCY A
	CASTRO, MARY L
	CHAVEZ, JOSE S
	CHIRIKOFF, VICTOR
	CHRISTIAN CH HMES OF NTHRN CAL
	CHRISTOPHER, FRANK
	DEGUZMAN, JORGE
	DUNHAM, JEANNE C
	DURAN, MARIA E
	EBADI, SHAH
	ENRIQUEZ, LEONORA S
	FERRIER, LORETTA J
	FURCHNER, DON J
	GAINES, BETTY J
	GROSSEN, MARTHA
	JIMENEZ, EULALIA D
	KASHU, WILLIAM M
	KIRKER, CYNTHIA
	LAI, FU L
	LENHART, JOYCE L
	MARK, IDELL M
	MERCADO, JUAN
	MORGAN, FELISA D
	NIEVA, GERARDO
	PADUA, BELLA L
	POLIO, JENNIFER M
	ROMERO, ELIGIA F
	ROSE, MEARL A
	RUFFINO, CLAUDETTE E
	TALAG, FELIPE
	TUNG, INGRID
	VERDUZCO, FRANK M
	WANG, T
	XUE, LIXU
3421	DADS CAFE
	EL TRIS CORPORATION
	MOBDY MITSUMI
3426	OREILLY AUTOMOTIVE INC
3428	MASTER MARKETEERS INC
	PLANET TAN
3436	HIBAR HAWAIIAN BAR-B-QUE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

DEER VALLEY RD 2010 (Cont'd)

3445	TACO BELL CORP
3448	PET FOOD EXPRESS
3450	MCDONALDS ANTIOCH
3457	CHASE
3459	JAMBA JUICE COMPANY
3501	SHURGARD STORAGE CENTERS LLC
3505	FRAZEE INDUSTRIES INC
4850	ABRAHAM, HARRIET F
	ALLEN, DORRIS M
	ARNEY, ALICE
	BENKERT, BRYCE F
	BICHLER, BEATRICE C
	BROOKS, LENA A
	CASTEEN, IRMA G
	COKER, JAMES R
	COOK, G E
	COSTA, CHRISTOPHER J
	COWART, JAY T
	CUNNINGHAM, EDA M
	DAVIS, YVONNE
	DEWILD, KAREN
	FRANICH, CARL
	FRY, DONALD M
	FURTADO, ARTHUR J
	GREENFIELD, ELIZABETH J
	GRIFFIN, MAURICE B
	GUEVARA, CAROLINE
	GURTLER, PATRICIA A
	HAFEY, BILLIE J
	HOLM, ANNIE M
	JOCHNER, FRIEDA R
	JOVANOVICH, RUDY M
	KELLNER, MARJORIE G
	KENT, RUTH C
	KINYON, DONNA C
	KOCH, GREG R
	LAVY, FLORA M
	LEDBETTER, BUREL M
	LOPEZ, SAL
	LOW, GEORGE R
	MACDONALD, GAYULE
	MARGO, LOU
	MCCARVER, GLEN
	MCDOWELL, VIRGINIA T
	MCKENNA, JOHN F
	MICHAELIS, RICHARD W
	MILLER, ELIZABETH U
	MILLSAPS, ELFREDA
	MONIZ, CECILIA
	MORTENSEN, WILLIAM J

DEER VALLEY RD 2010 (Cont'd)

4850	MURDOCK, LUCILLE H
	OLENDER, DANIEL F
	PECK, ELIZABETH W
	PFEIFER, RUTH D
	POLHLOPEK, VIRGINIA E
	RAYMOND, BESSIE L
	RAYMOND, HAYES
	RIDGEWAY, CLYDE E
	RUCKER, WAYNE L
	RUSSO, NINA
	SALES, JOHN
	SARDINHA, MANUEL
	SHANABARGER, CONNIE L
	SIRL, EMILE J
	SMITH, LEAH I
	SPARACIO, JOSEPH J
	STARR, MARJORIE L
	TEASDALE, SHIRLEY L
	TROTTER, LILLIAN M
	WALLACE, ISABEL L
	WEGNER, MARIE S
	WHALIN, ALTA L
	WHITAKER, LELAND
	WHITE, DOROTHY P
	YOUNGREN, EDITH F
5065	LONGS DRUG 435
	LUNCHSTOP ANTIOCH
5201	ALEXANDER PROPERTIES LLC
	CONTRA COSTA ENDODONTICS
	DOBIN DOBIN M DDS MS PC
	DR A NANCY DUBUK DDS
	DUBUK, ARLYN N
	DUPREE KENNETH REID DMD
	ERBEZ GEORGE T DDS
	GORCZYCA ANN MARIE DMD
	GREEN JAMES P DDS DENTAL CORP
	HAUG J K DDS
	INNOVATIVE DENTAL DESIGN
	MC DONALD DDS & DELOSO DDS
	MILLER MARK W DDS
	RIGO, MARTIN
5601	KAISER FOUNDATION HEALTH PLAN
	KAISER FOUNDATION HOSPITALS
6275	DEJESUS, EDWARD D
	EDWARD DDEJESUS
6441	SPINELLI TRUCKING
6459	MIKOLAJCZYK, MARTIN P
6801	C S B TELECOM SERVICES
	OCCUPANT UNKNOWN,
6813	FERRELL, CHARLES D

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

DEER VALLEY RD 2010 (Cont'd)

6911 GANNON, TIMOTHY
6921 CARDOZA, JULIO C
6931 ESTRELLA, ROBERT J
6951 CAMPOS, REY

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

DEER VALLEY RD 2005

3303	TIWARI NEERU
3305	24 HOUR FITNESS WORLDWIDE INC
3317	LIBERTY MUTUAL INSURANCE CO
3321	LAMOTHE THOMAS
3325	PLAY IT AGAIN PIANOS & MORE
	SCORE EDUCATIONAL CENTERS INC
3329	SEA AND SKI TRAVEL
3333	E TRANSMISSION
	HAIRLINES BEAUTY SALON
	HEAVENLY NAILS
	LEONARD J CATANZARO
	NGUYEN MICHELLE
	RUSSELLS HOUSE OF STEEL
	SCISSORS
	SKIN DEEP
3341	CHECK N GO OF CALIFORNIA INC
3345	PAPA MURPHYS TAKE N BAKE PIZZA
3353	RITE AID OF CALIFORNIA INC
3365	EDS TREE SERVICE
	MIDSTATE CONSTRUCTION
	SAFEWAY INC
	STARBUCKS CORPORATION
	WELLS FARGO BANK N A
3366	ASSET INVESTIGATIONS
3373	DIABLO WIRELESS INC
	GTA ENTERPRISES
3377	ABOVE & BEYOND PROF SOLUTIONS
	BRITISH PUB LLC
	CHAMPIONS HEALTHCARE
	D S G CONSTRUCTION INC
	HOWARD, JEFFREY S
	INDUSTRIAL ASSOCIATION
	LEGACY RENOVATIONS INC
	PC PHONE CARDS
	PERKINELMER INC
	POSTAL ANNEX PLUS
	REMOTE ELCTRNIC SRVLLANCE TECH
	ROBERT HARRIS
	SABYR CORP
	SITE PROS
3379	CROSSINGS DENTAL CARE INC
3381	DEER VALLEY CHIROPRACTIC
3385	DELTA ONE MARTIAL ARTS & FITNE
	PALLENS MARTIAL ARTS
3389	PUCCINELLI PAMELA L OD MA
3393	VITAVILLE
3397	OLD REPUBLIC TITLE COMPANY
3403	ATLANTIC BANCORP OF AMERICA
	ATLANTIC FINANCIAL MORTGAGE
3405	CIGARETTES FOR LESS

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

DEER VALLEY RD 2005 (Cont'd)

3405	J&C FASHIONS
	SPORTOPIA
3409	PRETTY NAIL
3413	GBILIA SAMUEL G
	OSTER DRU
	SOARES THERESA
	SOMMER TOM BETTER HOMES REALTY
	TEIFEL MIKE
	VIEM MAI
3416	WALGREEN CO
3420	ABAO, CONCEPCION G
	ALLEN, ALMA F
	ALVAREZ, CARMEN E
	BITLER, BERNADETTE G
	BOOTH, WINIFRED
	BOTELHO, PATRICIA F
	CASTANEDA, LUCY M
	CASTRO, MARY
	CHASE, AURORA B
	CHAVEZ, JOSE
	CHIRIKOFF, VICTOR
	CHRISTENSON, MARY L
	CHRISTIAN CH HOMES NTHRN CAL
	CHRISTOPHER, FRANK
	DEGUZMAN, JORGE
	DONALDSON, ANNETTE M
	DUNHAM, JEANNE C
	ENRIQUEZ, LEONORA
	FERRIER, LORETTA J
	FLETES, LEONEL M
	FURCHNER, DON J
	GAINES, BETTY J
	GOMEZ, ANTONIA
	HAHN, LOIS M
	HALL, HAZEL L
	JAHN, JERRY T
	JIMENEZ, EULALIA D
	LAWRENCE, CONNIE J
	LEIVA, DOMINGA C
	LENHART, JOYCE L
	LYNN, JEWELL G
	MAGRI, EVELYN C
	MAYNARD, THELMA R
	MORGAN, FELISA D
	MURPHY, RUTH J
	PADUA, BELLA
	PARKER, KISAKO M
	POLIO, JENNIFER M
	ROMERO, ELIGIA
	ROSE, MEARL A

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

DEER VALLEY RD 2005 (Cont'd)

3420	SULLIVAN, JULIA
	TALAG, FELIPE
	WANG, T
	WEO, HARRY
	XUE, LIXU
	YATES, MARIE H
3426	CSK AUTO INC
3428	MASTER MARKETEERS INC
	PLANET TAN
3430	VERDUZCO, FRANK M
3436	HIBAR HAWAIIAN BAR-B-QUE
3445	TACO BELL
3448	PET FOOD EXPRESS
3450	MCDONALDS ANTIOCH
3457	BRADLEY VIDEO INC
3501	SHURGARD STORAGE CENTERS INC
3505	FRAZEE INDUSTRIES INC
4850	ABRAHAM, HARRIET F
	AGNEW, FAYE E
	ALBRECHT, THEODORE
	ANETSKY, MATTHEW
	ANGLES, ROBERT
	AQUINTO, BEATRICE
	ARAUJO, M R
	ARMSTRONG, LORETTA H
	AUSTIN, CARMEN
	BAKER, VIRGINIA E
	BELL, VIVIAN M
	BENDISZ, PAWEL
	BIGGS, BRYANT M
	BLACKBURN, BILL
	BOLTON, VERNA T
	CARABALLO, URSULA
	CARCOVA, VICTOR M
	CARDINALE, SALVATORE
	COKER, ELLA P
	COLOMBO, MAURINE S
	COSTA, JOHN L
	COURTNEY, FLORENCE H
	CRAIN, JAMES M
	CRAWFORD, LOTTIE M
	CROWLEY, MARGARET L
	CUNNINGHAM, EDA M
	CURRY, THEODORE
	DAVIS, YVONNE
	DEMPSEY, ANNETTE D
	DRAGON, FLORENCE D
	EMMONS, VENCIL H
	FELIZIANETTI, ISABELLE C
	FELTON, HELEN

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

DEER VALLEY RD 2005 (Cont'd)

4850 FINDLEY, ETHEL D
GARCIA, ANNE A
GREENFIELD, ELIZABETH J
GROMACHEY, LAWRENCE E
HEDGLIN, C
HEDLEY, GERTRUDE J
HILL, GEORGE J
HINES, WILLIAM E
HOFF, ART
JOCHNER, ROBERT M
JOLICOEUR, MAURICE E
JOVANOVICH, RUDY M
KENT, RUTH C
KING, WILLIAM G
MARINER, IRENE
MARTIN, ROBERT C
MCCARVER, GLEN
MOONEY, RICHARD J
MORETTI, JOHN G
MOSS, MARY E
MURDOCK, LUCILLE H
NEGLE, ANN
NELSON, GLADYS E
NEVES, LOUIS R
OTOOLE, ED
PANKHURST, HELEN G
PEABODY, ELINORE J
PECK, ELIZABETH W
PFEIFER, RUTH D
PICKLE, JOYCE J
PULOS, LU
RANEY, JESSIE E
RAYMOND, LOUISE
RODGERS, MARK A
ROGERS, A
SCHAAF, K F
SCHIPPERS, PHYLLIS
SCOTT, DEAN M
SCROGGINS, THEO H
SEAL, GORMAN
SEMM, ARNOLD E
SEXTON, CECIL S
SIRL, EMILE J
SKOG, OIVIN K
SMITH, LEAH I
SOUSA, GEORGE
STARR, ESTHER V
STEINBERGER, IDA H
STEPHENS, BERNIECE
STEWART, LUCILLE S

DEER VALLEY RD 2005 (Cont'd)

4850	TEAGUE, GLORIA A
	TORLAKSON, CATHERINE A
	TROTTER, LILLIAN M
	VALENTINE, UNA L
	VALENTINO, ELEANOR J
	VEIRS, WILLIAM T
	WALKER, VIVIAN E
	WALLACE, ISABEL L
	WHITAKER, EVA A
	WILSON, ELLEN G
	WILSON, MILDRED W
	WITTY, GLEN
5065	LONGS DRUG STORES CALIFORNIA
	LUNCHSTOP ANTIOCH
5201	DOBIN DAVID M DDS MS PC
	DOBIN, DAVID
	ERBEZ, GEORGE T
	GORCZYCA, ANN
	HAUG, JEFFREY
	MILLER, MARK
5601	KAISER FOUNDATION HEALTH PLAN
6275	DEJESUS, SHARON M
	EDWARD DDEJESUS
6441	SPINELLI TRUCKING
6459	WENTWORTH, RICHARD A
6801	OCCUPANT UNKNOWN,
6813	OCCUPANT UNKNOWN,
6911	HAGEN, MARK D
6921	CARDOZA, JULIO C
6931	ESTRELLA, ROBERT M
6951	MARY, BOGGESS
6981	MENEZES, SHERRY A

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

DEER VALLEY RD 2000

3303	TIWARI NEERU
3305	LINDA EVANS FITNESS CENTER
3317	LIBERTY MUTUAL INSURANCE CO
3321	LAMOTHE THOMAS
3325	SCORE LEARNING CORPORATION
3329	SEA AND SKI TRAVEL
3333	SCISSORS
3341	CHECKN GO
3345	PAPA MURPHYS TAKE N BAKE PIZZA
3353	RITE AID EXPRESS 1 HOUR P
	THRIFTY PAYLESS INC
3365	DAVE WNGS CHINESE CUISINE REST
	SAFEWAY INC
	WELLS FARGO BANK N A
3366	ASSET INVESTIGATIONS
3373	DIABLO WIRELESS INC
3377	AAA BUSINESS PRINTING CO
	BEST OF LOV N CARE INC
	KINTR ENVIRONMENTAL INC
	PC PHONE CARDS
	POSTAL ANNEX PLUS
3379	CROSSINGS DENTAL CARE INC
3381	DEER VALLEY CHIROPRACTIC
3385	PALLENS MARTIAL ARTS
3389	PUCCINELLI PAMELA L OD MA
3393	DR JAVAGO
3397	FIRST AMERICAN TITLE GUAR HOLD
3401	ATLANTIC BANCORP OF AMERICA
3405	COMPUTERS USA
3409	PRETTY NAIL
3413	JIM MANN INC
	OLSEN PAM
	SANCHEZ TOBY R BROKER
	SOMMER TOM BETTER HOMES REALTY
3416	WALGREEN CO
3420	BRADLEY, ETHEL F
3421	MELOS PIZZA & PASTA
3428	PLANET TAN
3445	TACO BELL 17224
3457	BRADLEY VIDEO
3501	SHURGARD STORAGE CENTERS INC
4050	LESSNER, M
4550	ANETSKY, MARIE J
4850	BARHAM, GEORGE A
	BARNEY, ROBERT J
	BERBS, VINCENT
	BURCHFIELD, LELA F
	CHIVELLO, PETER
	CHRISTIANSEN, MARY E
	COHEN, EVELYN

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

DEER VALLEY RD 2000 (Cont'd)

4850	COSTA, ILDA
	COWART, J T
	CRAIN, JAMES M
	CRUSSELL, SARAH A
	CUSACK, E
	DAVIS, PEGGY B
	FARIA, DOROTHY
	FINSTER, B
	GODCHAUX, MIRIAM A
	GROEGER, ELAINE B
	HANSEN, EDNA D
	HESS, DUANE
	HITSHEW, LILY A
	HUNTER, WALTER
	HUTCHISON, PEARL
	JEREMY, MILSOM H
	JOHNSON, VICTOR V
	KELSO, MARY E
	KIPERS, FAITH
	LUDEKE, GERARD
	MCCARVER, GLEN
	MINNIE, ARTHUR
	MURDOCK, ALEX
	MYERS, WILLIAM D
	NAKANO, I
	NELSON, GLADYS
	OAKLEY, ERNEST
	OWEN, PAUL C
	PATTON, CHARLES H
	PETERS, GEORGE M
	PETERSON, JOHN H
	PFEIFER, CHARLES
	PULLIAM, MARY
	QUAIL LODGE BEAUTY SALON
	QUINN, THOMAS
	RAMBEAU, CHARLES
	RICE, R
	SAITTA, A
	SCOTT, LILLIAN
	SCOTT, S A
	SMITH, KENNETH S
	SMITH, LOLA
	STITT, DOROTHY L
	TEAGUE, SHEILA E
	THATCHER, R
	VALLE, ELSO A
	VEIRS, W T
	WHITE, GRADY L
	WILDER, STANLEY
5201	ALHAMBRA DENTAL LAB

Target Street	Cross Street	Source
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DEER VALLEY RD 2000 (Cont'd)

5201	ANN MARIE GORCZYCA DMD
	BEER ROBERT E MD
	DOBIN DAVID M DDS MS PC
	DUPREE KENNETH R DMD
	ESPOSITO FRANK ORTHDONTICS LAB
	GREEN JAMES P DDS DENTAL CORP
	HALL LAJUAN M DDS
	HAUG J K DDS
	MC DONALD SLOAN M DDS
	MILLER MARK W DDS
6275	EDWARD DDEJESUS
6441	SPINELLI TRUCKING
	SPINELLI, ANGELO
	WENTWORTH, DAVE
6911	HAGEN, MARK D
6921	CARDOZA, JULIO
6931	ESTRELLA, ROBERT M
6951	BOGGESS, MARY E
6981	KELLEY, NOEL
14850	LACROIX, JOSEPH

Target Street	Cross Street	Source
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DEER VALLEY RD 1995

3303	SUBWAY SANDWICHES & SALADS
3317	LIBERTY MUTUAL INSURANCE CO
3325	PLAY IT AGAIN PIANOS & MORE
3329	U S PROPERTY MANAGERS
	US PROPERTY MANAGERS
3333	CANTANZARO LEONARD
	FURTADO GINA
	NAILS BY RAYNELL
3337	LAMOTHE THOMAS
3341	COTTON PATCH
3353	PAY LESS DRUG STORES NORTHWEST
3365	DAVE WONGS CHINA EXPRESS
	FOX PHOTO INC
	SAFEWAY INC
	WELLS FARGO BANK N A
3377	MUCHMORE, PATRICK W
	POSTAL ANNEX
	RULE, ROBERT
	SCELBA, THOMAS
3389	CHOW, LEILA
	PUCCINELLI PAMELA L OD MA
3397	FIRST AMRCN TITLE GUARANTY CO
3405	HILLCREST VIDEO INC
3409	PRETTY NAIL
3413	BREWER DON
	JIM MANN INC
	NEVELS JOEL
	NEVELS, J
	OLSEN PAM
	RUSSELL WES
	SOMMER TOM BETTER HOMES REALT
	TEISEL CARL
3421	WESTAMERICA BANCORPORATION
5065	LONGS DRUG STORES CALIFORNIA

Target Street	Cross Street	Source
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DEER VALLEY RD 1992

3325	JOHN MUIR NATIONAL BANK
3329	SEA & SKI TRAVEL
3333	CATANZARO LEONARD
3365	FOX PHOTO INC
3413	JIM MANN INC
	LOMBARDI, NORINE
	LUDLAM, ALAN
	RUSSELL, WES
	TEISEL, CARL
3421	WESTAMERICA BANCORPORATION
6441	WENTWORTH, DAVE

Target Street	Cross Street	Source
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DEER VALLEY RD 1987

		MOORE Laurie	932-7719	+8
	2473	HART Dean R	938-0642	6
	2484	CHASE Charles G	935-2775	6
		* 1 BUS 6 RES 2 NEW		
0				
+8	DEER VLY RD 94509			
	ANTIOCH			
	NO #	BETHEA Bill	757-7356	1
5	NO #	BOEHRER Craig	754-4592	6
	NO #	DEJESUS Edw D	754-0841	
	NO #	GEORGE Hazle P	757-6525	
	NO #	GEORGE Jas U Sr	757-6525	
	NO #	KELLEY Noel A	757-2688	
1	NO #	PATO Gene A	754-1068	3
	NO #	SULLENGER J J	757-2463	
5	NO #	THOMAS Clayton	754-3558	7
	NO #	WENTWORTH Dave	757-4538	
		* 0 BUS 10 RES 0 NEW		
3	+DEER VLY RD 94513			
+8	BRENTWOOD			
+8				
5	1400	ALBERS Lucia	754-6011	+8
5		ALBERS Monte	754-6011	+8
		* 0 BUS 2 RES 2 NEW		
+8				
+8	DEERWOOD CT 94553			

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

DEER VALLEY RD 1982

8613	XXXX	00	
8614	XXXX	00	
8629	XXXX	00	
8644	COFFEY ANTHONY A	828-8058	4
8677	SCHMIDT ROB	829-9279	1
8693	SCHNEIDER KURT V	829-1971	4
8709	MARTINI P L	828-1979	
8725	FISCHER ALAN R	829-3786	7
8741	XXXX	00	
*	0 BUS 28 RES	3 NEW	

DEER VLY RD 94509
ANTIOCH

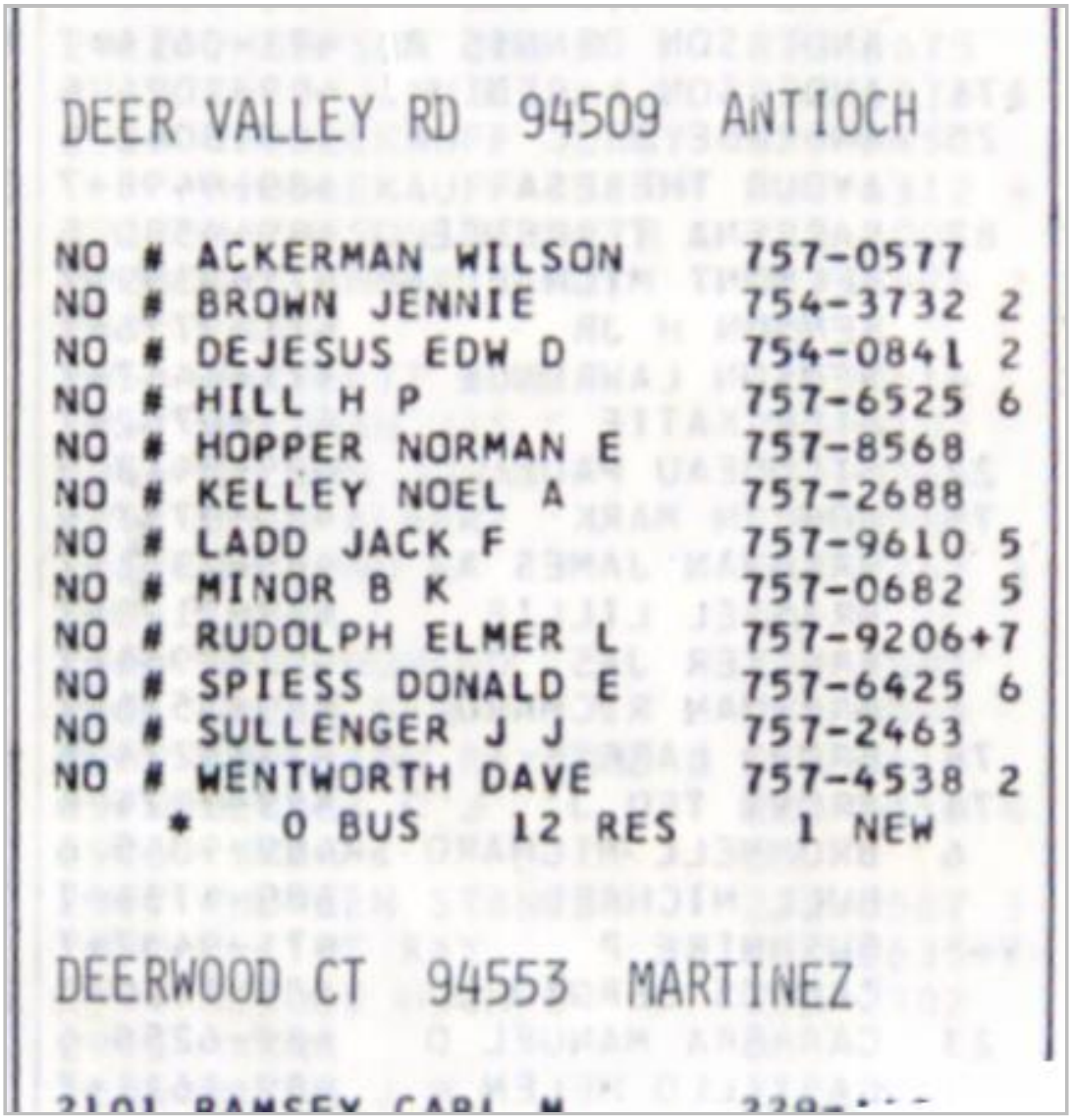
NO #	BETHEA BILL	757-7356	1
NO #	DEJESUS EDW D	754-0841	
NO #	DUNNING DONALD L	754-6057	1
NO #	GEORGE HAZLE P	757-6525	+2
NO #	GEORGE JAS U SR	757-6525	+2
NO #	KELLEY NOEL A	757-2688	
NO #	PATO GENE JR	757-9206	0
NO #	RUDOLPH DELLA	757-9206	7
NO #	SULLENGER J J	757-2463	
NO #	WENTWORTH DAVE	757-4538	
*	0 BUS 10 RES	2 NEW	

DEERWOOD CT 94553
MARTINEZ

2101	HUMPHREY JOHN C	372-7788	9
2104	MITCHELL PETER F	228-7898	5
2109	NELSON WM H	228-9193	
2110	XXXX	00	
2115	MCDOWELL GEORGE	229-4048	1
2116	ROMITI D	372-0296	+2
	ROMITI ROBT A	229-2582	1
2129	KUTZ THEODORE T	229-1370	1
2130	XXXX	00	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

DEER VALLEY RD 1977



DEER VALLEY RD 94509 ANTIOCH

NO #	ACKERMAN WILSON	757-0577	
NO #	BROWN JENNIE	754-3732	2
NO #	DEJESUS EDW D	754-0841	2
NO #	HILL H P	757-6525	6
NO #	HOPPER NORMAN E	757-8568	
NO #	KELLEY NOEL A	757-2688	
NO #	LADD JACK F	757-9610	5
NO #	MINOR B K	757-0682	5
NO #	RUDOLPH ELMER L	757-9206	+7
NO #	SPIESS DONALD E	757-6425	6
NO #	SULLENGER J J	757-2463	
NO #	WENTWORTH DAVE	757-4538	2

* 0 BUS 12 RES 1 NEW

DEERWOOD CT 94553 MARTINEZ

2101 RAMSEY CARL M 228-...

APPENDIX G

ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRES (2)

ENGEO
Expect Excellence

ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE
FOR CLIENT

To evaluate the potential for possible environmentally related impacts and site contamination the following information is requested. This questionnaire is to be completed by the user of the phase one environmental site assessment, or their authorized representative.

PART I

1. Property address and Assessor's Parcel Number (APN):

   APNs 057-010-002-4, 057-101-003-2, 057-021-003-9

2. Current property owner (name, address, voice/fax number):

   EPC Holdings 820, LLC a Washington Limited Liability Company, as to 50% Interest, and American Superior Land, LLC, A Delaware Limited Liability Company, as to 50% Interest.
   Developer Entity is Richland Planned Communities, Inc.
   3000 Lava Ridge Court, Suite 115

3. Date current property owner assumed title of property:

   First 50% interest was acquired 12/20/2013; remainder was acquired 6/11/2014.

4. Current property development/improvements:

   Existing Cattle Ranch with barn, home and fences.

5. Past property use, development/improvements:

   Same as 4. above

6. Neighboring property uses:

   Open grazing land to South and West, existing single family residential to the north and Kaiser Hospital to the East.

PART II

1. Are you aware of any environmental cleanup liens against the *property* that are filed under federal, tribal, local or state law? ☐ Yes ☐ No

2. Are you aware of any activity and land use limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the property and/or have been filed or recorded in a registry under federal, tribal, state or local law? ☐ Yes ☐ No

3. 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. If a property transaction is occurring in conjunction with this environmental assessment, does the purchase price of this *property* reasonably reflect the fair market value of the *property*? ☐ Yes ☐ No

5. 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 ☐ N/A

6. Are you aware of any commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example,

   (a) do you know of specific chemicals that are present or once were present at the *property*?
   (b) do you know of spills or other chemical releases that have taken place at the *property*?
   (c) do you know of any environmental cleanups that have taken place at the *property*?

   ☐ Yes ☐ No

7. Based on your knowledge and experience related to the *property* are there any obvious indicators that point to the presence or likely presence of contamination at the *property*? ☐ Yes ☐ No

If a "Yes" response was provided to any of the above questions, please provide details below:

I certify that the information herein is true and correct to the best of my knowledge as of the date signed below.

Name (Printed/Typed): Kyle Masters, Director-Land Entitlments

Signature: _____ Date: 7/9/19

ENGEO
Expect Excellence

ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE
FOR KEY SITE MANAGER

To evaluate the potential for possible environmentally related impacts and site contamination the following information is requested. This questionnaire is to be preferably completed by the current property owner, or owner representative, leasing agent, or other person having good knowledge of the uses and physical characteristics of the property (Key Site Manager).

PART I

1. Property Address/Location and Assessor's Parcel Number (APN):

   Same as above

2. Current property owner (name, address, voice/fax number):

   Same as above

3. Date current property owner assumed title of property:

   Same as above

4. Current property development/improvements:

   Same as above

5. Past property use, development/improvements:

   Same as above

6. Neighboring property uses:

   Same as above

PART II - The following questions should be answered to the best of your knowledge.

1.	Is/has the *property* or any adjoining property used/been used for industrial purposes?	☐ Yes	☐ No
2.	Has the *property* or any adjoining property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	☐ Yes	☐ No
3.	Are there currently, or have there been previously, any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of greater than 5 gal in volume or 50 gal in the aggregate, stored on or used at the *property* or at the facility?	☐ Yes	☐ No
4.	Has undocumented soil been brought onto the property at any time? If yes, estimated quantity is _____ cubic yards.	☐ Yes	☐ No
5.	Has soil been brought onto the property that originated from a contaminated site or that is of an unknown origin?	☐ Yes	☐ No
6.	Are there currently, or have there been previously, any pits, ponds, or lagoons located on the *property* in connection with waste treatment or waste disposal?	☐ Yes	☐ No
7.	Is there currently, or has there been previously, any stained soil on the *property*?	☐ Yes	☐ No
8.	Are there currently, or have there been previously, any registered or unregistered storage tanks (above or underground) located on the *property*?	☐ Yes	☐ No
9.	Are there currently, or have there been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the *property* or adjacent to any structure located on the *property*?	☐ Yes	☐ No
10.	Are there currently, or have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors?	☐ Yes	☐ No
11.	Are there any domestic, irrigation or monitoring wells on the property?	☐ Yes	☐ No
12.	If the *property* is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency?	☐ Yes	☐ No
13.	Have you been informed of the past or current existence of *hazardous substances* or *petroleum products* or environmental violations with respect to the *property* or any facility located on the *property*?	☐ Yes	☐ No
14.	Have there been any *environmental site assessments* of the *property* or facility that indicated the presence of *hazardous substances* or *petroleum products* on, or contamination of, the *property* or recommended further assessment of the *property*?	☐ Yes	☐ No
15.	Have there been 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*?	☐ Yes	☐ No
16.	Has there been any past agricultural use of the *property*, such as orchards or seed crop cultivation?	☐ Yes	☐ No
17.	Have any *hazardous substances* or *petroleum products*, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the *property*?	☐ Yes	☐ No
18.	Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?	☐ Yes	☐ No

If a "Yes" response was provided to any of the above questions, please provide details below:

I certify that the information herein is true and correct to the best of my knowledge as of the date signed below.

Name (Printed/Typed): Kyle Masters, Director-Land Entitlments

Signature: _____ Date: 7/9/19

APPENDIX H

DOGGR Well Information

FORM 159

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT OF WELL ABANDONMENT

Woodland, California

May 8, 1963

Mr. C. F. Best
Post Office Box 612
Bakersfield, California
Agent for HUMBLE OIL & REFINING COMPANY

DEAR SIR:

Your report of abandonment of Well No. "Myrvin C. Carey" 1, Sec. 7, T. 1 N., R. 2 E., M.D. B. & M., ------- field, (Received February 25, 1963) Contra Costa County, dated February 13, 1962, 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.

Blanket Bond
WJM:ffb
cc: Co., L.A.

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

By R. M. Barger
Deputy Supervisor

121 ✓

75165 1-63 6M GPO

MAP & BOOK

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
Mi Copy	Direct. Survey	
//	Other	

Location OK
Elevation OK
Release Bond _____
Hold Bond ____ Reason BP
Final letter yes
150b _____
170 _____
121 _____
card _____

013 00254

Form 19

WJH
3-1-63

23

DIVISION OF OIL AND GAS
RECEIVED
FEB 25 1963
WOODLAND, CALIFORNIA

DIVISION OF OIL AND GAS

WELL SUMMARY REPORT

HUMBLE OIL & REFINING COMPANY Myrvin C. Carey et ux #1

7 1N 2E M.D. South Pittsburgh Contra Costa County

1320' south along section line and 1320' west at right angles to said line from the northeast corner of Sec. 7

265 feet

All depth measurements taken from Kelly Bushing 17.10 feet above ground

2-13-62

C. F. Best Agent

11-10-62

12-31-62 Top of Domengine 904

9030' 1368'

Dry Cretaceous

None

11-3/4"	436	Surface	40.5#	New	SS	J55	15½	306
7-5/8"	5410	Surface	26.4#	New	SS	J55 & N80	9-7/8"	450

013 00254

Electrical Log Depths IES 54-9026', Sonic 486-9018' (Attach Copy of Log)

HUMBLE OIL & REFINING COMPANY
SOUTHWEST REGION

WELL HISTORY

WELL NO M.C.Carey #1 FIELD So. Pittsburgh COUNTY Contra Costa STATE California SEC 7 T 1N R 2E MD

DATE	DEPTHS FROM	DEPTHS TO	FORMATION	REMARKS
11-9-62				Moved in and rigged up.
11-10-62	0	113	Surface sand and clay	Spudded in at 6:30 p.m. Drilled 15½" hole.
11-11-62	113	502	Sand & clay	Ran electric log from 54-500'. Ran 11 jts, 469', 11-3/4" 40.5# 8R J55 SS casing set at 487' and cemented with 306 sacks of Class A cement with 3% salt 16% gel and 0.1% HR-7. C.I.P 8:00 p.m. Good returns to surface.
11-12-62				Tested BOP with 1500#. W.O.C.
11-13-62	502	1949	Clay and shale	Drilled cement from 442-487'. Drilled 9-7/8" hole.
11-14-62 through 11-23-62	1949	5374	Sand and shale	Drilled 9-7/8" hole. MW 11.5, V 42, Filt 3.0, C 2/32
11-24-62	5374	5423	Shale	Drilled 9-7/8" hole. Ran IES, from 500-5430', sonic and dipmeter from 486-5423'.
11-25-62				Ran 130 jts., 5393' of 7-5/8" 26.4# 8R N80 and J55 casing set at 5410' and cemented with 450 sacks of Class A cement with 3% salt 16% gel and 0.1% HR-7. C.I.P. 12:05, p.m.
11-26-62	5423	5452	Sand and shale	Drilled cement from 5360-5410'. Washed to bottom at 5423'. Drilled 6-3/4" hole.
11-27-62 through 12-20-62	5452	8482	Sand and shale	Drilled 6-3/4" hole. MW 11.7, V 50, Filt. 2.5, C 2/32
12-21-62 through 12-27-62	8482	8804	Sandstone	Drilled 6-3/4" hole.
12-28-62 through 12-31-62	8804	9030 TD	Sandstone and shale	Drilled 6-3/4" hole. Ran IES log from 5430-9026'.
1-1-63				Ran sonic log from 5423-9018'; dipmeter from 5423-9018 and geophone log from 5423-9018'. Took 10 sidewall samples from 5838-8415'. Ran open-ended drill pipe to 5474', mixed65 sacks of Class A cement and spotted cement plug from 5474-5204'. C.I.P. 7:45 pm.
1-2-63				Checked top of cement at 5240' with 4200#. Witnessed and approved by D.O.G. Ran open-ended pipe to 1575' and mixed 50 sacks Class A cement and spotted plug from 1575-1368'. C.I.P. 11:30 am. Rig released at noon. Turned well over to landowner for water well.
1-3-63				Moved out rig. Final report for well. Dry.

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 663-24

Mr. C. F. Best
Post Office Box 612
Bakersfield, California
Agent for HUMBLE OIL & REFINING COMPANY

Woodland, Calif.
January 28, 1963

DEAR SIR:

Operations at well No. "Myrvin C. Carey" 1, Sec. 7, T. 1 N., R. 2 E., M.D.B & M. ------- Field, in Contra Costa County, were witnessed on January 2, 1963, Mr. W. J. Hunter, representative of the supervisor was present from 6:00 A.M. to 8:00 A.M. There were also present C. Cox, Superintendent, and H. B. Cobb, Drilling Foreman.

Present condition of well: 10 3/4" cem. 486'; 7 5/8" cem. 5410'; T. D. 9030', plugged with cement 5474' to 5240', 1575' to 1368'±

The operations were performed for the purpose of witnessing the location and hardness of a cement plug placed from 5474' to 5240' in the process of abandonment.

Mr. Cox reported:

1. A 6 3/4" hole was drilled to 9030'.
2. No commercial gas showings were encountered.
3. On January 1, 1963, 65 sacks of cement was pumped into the hole through drill pipe hanging at 5474' calculated to fill to 5204'.

THE ENGINEER NOTED that the cement plug at the depth of 5240' supported 21 tons of the weight of the drill pipe.

THE LOCATION AND HARDNESS OF THE CEMENT PLUG AT 5240' ARE APPROVED.

NOTE: Mr. Cox reported by phone that on January 2, 1963, 50 sacks of cement was pumped into the hole through drill pipe hanging at 1575', which calculated to fill to 1368'.

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

By R. M. Barger Deputy
GWB

WJH:ffb
cc: Co., L.A.

56221 1-62 15M ⓢ SPO

ORM 111

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS No. P 663-45

Mr. C. F. Best
Post Office Box 612
Bakersfield, California
Agent for HUMBLE OIL & REFINING COMPANY

Woodland, Calif.
January 28, 1963

DEAR SIR:

Your proposal to abandon Well No. "Myrvin C. Carey" 1, Section 7, T. 1 N., R. 2 E., M.D.B. & M., ------ Field, Contra Costa County, dated Jan. 10, 1963, received Jan. 21, 1963, has been examined in conjunction with records filed in this office. Present conditions as shown by the records and the proposal are as follows:

RECORDS IN ADDITION TO OR AT VARIANCE WITH THOSE SHOWN IN THE NOTICE QUOTED BELOW:
The landowner has filed a letter with this office assuming responsibility for conversion to a water well.

THE NOTICE STATES:
"THE PRESENT CONDITION OF THE WELL IS:
1. Total Depth: 9830'
2. Complete casing record, including plugs:
   a. 11 jts, 469', 10-3/4", 40.50, J-55 csg. and set at 487' and cemented w/30 sacks class A cement.
   b. 130 jts, 5393', 7-5/8", J-55 csg cemented at 5410' using 450 sacks class A cement.
3. Last Produced Dry hole
ADDITIONAL DATA FOR DRY HOLE
4. Oil or Gas showings and results of tests:
   None
5. Stratigraphic markers and depths:

Top of Domengine	904'
Top of Cretaceous	5880'
Top D-1 Shale	5680'
Top D-2 Shale	7996'

6. Formation at bottom: Upper Cretaceous
7. Base of fresh water sands: 1275' "

PROPOSAL:
"THE PROPOSED WORK IS
1. Place cement plug 5474-5200 using 65 sx class A cement.
2. Place cement plug from 1368-1575' using 50 sacks Class A cement.
3. Turn well over to landowner for conversion to water well."

DECISION:
THE PROPOSAL IS APPROVED PROVIDED THAT THE WELL IS SECURELY CAPPED AT THE SURFACE UNTIL WORK IS BEGUN TO CONVERT TO A WATER WELL.

Location of Well: 1320' S., 1320' W., from the Northeast Corner of Section 7, T 1 N., R. 2 E., M. D. B. & M.

Landowner: Myrvin C. Carey, 505 Seventh Street, Antioch, California

Blanket Bond
RB:ffb
cc: Co., L.A.
cc: Water Resources

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

By R. M. Best

FORM 108. 20246 5-60 15M ⑥ SPO

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JAN 21 1963
WOODLAND, CALIFORNIA

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. January 10, 1963

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. Myrvin C. Carey No.1, Sec. 7, T. -1-N,

R. 2-E, MD B. & M., - Field, Contra Costa County,

commencing work on January 1, 1963.

THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: 9030'

2. Complete casing record, including plugs:

   a. 11 jts, 469', 10-3/4", 40.5#, J-55 csg. and set at 487' and cemented w/30 sacks class A cement.

   b. 130 jts, 5393', 7-5/8", J-55 csg cemented at 5410' using 450 sacks class A cement.

3. Last Produced Dry hole (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 of Domengine	904'
Top of Cretaceous	5880'
Top D-1 Shale	5680'
Top D-2 Shale	7996'

6. Formation at bottom: Upper Cretaceous

7. Base of fresh water sands: 1275'

THE PROPOSED WORK IS

1. Place cement plug 5474-5200 using 65 sx class A cement.
2. Place cement plug from 1368-1575' using 50 sacks Class A cement.
3. Turn well over to landowner for conversion to water well.

MAP	MAP BOOK	CARDS	BOND	FORMS 114	FORMS 121
	1/25/63 B	✓	BB	✓	✓

P. O. Box 612
(Address)

327-9787
(Telephone No.)

HUMBLE OIL & REFINING COMPANY
(Name of Operator)

By [signature]

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS & GEOTHERMAL RESOURCES
801 K Street, MS 20-22 Sacramento, CA 95814-3530
Phone:(916) 322-1110 Fax:(916) 322-1201

REPORT OF WELL ABANDONMENT

Sacramento, California
March 11, 2014

Mr. Bob Nunn
Sunset Exploration Inc. (S7425)
10500 Brentwood Blvd.
Brentwood, CA 94513

Your report of abandonment of well **"Shea-Dividend" 1-8**, A.P.I. No. **013-20380**, Section **8**, T. **01N**, R. **02E**, **MD** B.&M., **Brentwood** field, **Contra Costa** County, dated **10/17/2013**, received **10/17/2013**, has been examined in conjunction with records filed in this office. We have determined that all of the requirements of this Division have been fulfilled relative to plugging and abandonment of the well, removal of well equipment and junk, and filing of well records.

NOTE:
1. Surface plugging completed on 8/13/2013.

2. Site inspection made and approved on 8/13/2013.

Pat Perez
State Oil and Gas Supervisor

Robert S. Habel
District Deputy

JAS:jc

OG159

Production Specialties Company

Oil and Gas Operating and Management-Well Supervision-Land Services-Permitting
Prospect Generation and Participation

Department of Conservation
Division of Oil and Gas
801 K Street MS 20-22
Sacramento, CA. 95814-3530
Atten: Rob Habel

January 8, 2014

Re: Sunset Exploration, Inc.
Shea-Dividend 1-8
Section 8, T1N, R2E, MDB&M
Contra Costa County, CA.
API 013-20380

Mr. Habel,

Per our conversation of January 7, 2014 the following is a breakdown of events as they occurred for the above referenced well:

- Shea-Dividend well drilled to a total depth of 5200' on 5/4/2013.
- Well logged and not capable of producing. Determined to suspend well for possible re-drill. Notified DOGGR and gained consent for plug depths at surface casing shoe. (Note: No discussion of setting BFW plug at that time)
- Balanced cement plug from 821' (casing shoe at 695'). Waited on cement, ran in to locate top with DOGGR representative to witness at 590' and was approved.
- Re-drill was deemed not viable and a Notice of Intent to Abandon was submitted on 8/13/2013. Discussions ensued as to procedures and a possible remedy for cementing base of fresh water. It was reluctantly agreed that to set such a plug would require going back in and drilling shoe plug with no guarantee that original hole could be followed to reach the base of fresh water, the real likelihood would be a probable second hole. Plug was waived with the caveat a letter would be placed in State's well file referencing such.
- 8/14/13 the surface plug was set and site restored with a DOGGR representative present for approval. All processes were approved by the DOGGR District 6 Deputy.

4800 Stockdale Hwy., Suite 203, Bakersfield, CA. 93309
P.O. Box 21210 Bakersfield, CA. 93390
Office: 661-381-7506; Fax. 661-381-7508; Cell. 916-759-9935
E Mail deroatpsc@msn.com

DISTRICT 6 - WELL RECORDS CHECKLIST

API# 013-20380 **WELL ID:** "Shea Dividend" 1-8

NOTICE FOR: ✓ drill ____ rd ____ rw ✓ abd

P-number(s) 613-0040 & 613-0123

RECORDS RECEIVED	Date Rec'd	Records Ok	NORD	121 entry	Remarks
Well Summary (OG100)	10/18/2013	✓			
History (OG103)	10/18/2013	✓			
Directional Survey					
E-logs (2")	9/6/2013	✓			
E-logs (5")	9/6/2013	✓			
MUD Logs					
CBL					
Other					
1" E log	9/6/2013	✓			
Abd History	10/18/2013	✓			

____ **CONFIDENTIAL**

RELEASE DATE _____

STATUS

Producing-gas	____
Idle-gas	____
Abandoned-gas	____
Drilling-Idle	____
Abandoned-dry hole	✓
Observation	____
Water Disposal	____
Other	____

Date Work Completed 5/6/2013

Remarks _____

ABANDONMENT

✓ NEEDS Surface Inspection

_____ MAP MADE for Surface Inspection

Surface Inspection COMPLETED by JAS

DATE 8/13/2013

_____ FINAL LETTER

✓ FINAL LETTER NTS

Final Letter Completed by: _____ **Date** _____

RECORDS APPROVED	DIGITAL RECORDS APPROVED
BY: JAS DATE: 12/26/2013	BY: bgt DATE: 10/22/2013

NATURAL RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

WELL SUMMARY REPORT

API No. 013-20380

Operator	Well				
Sunset Exploration, Inc.	Shea-Dividend 1-8				
Field (and Area, if applicable)	**County**	**Sec.**	**T.**	**R.**	**B.&M.**
Brentwood	Contra Costa	8	1N	2E	MD

Location of well (Give surface location from property or section corner, street center line)
2051' south & 1084' east from northwest corner section 8

Elevation of ground above sea level
243'

Lat./Long. in decimal degrees. to six decimal places, NAD 83 format: Lat: **37.948673** Long: **-121.782421**

Was the well directionally drilled? ☒ Yes ☐ No If yes, show coordinates (from surface location) and true vertical depth at total depth. 1987' North & 1565' East from SL. TVD at 5200' MD = 4454'

Commenced drilling (date)	Total depth			Depth measurements taken from top of:
4/25/13	(1st hole)	(2nd)	(3rd)	☐ Derrick Floor ☐ Rotary Table ☒ Kelly Bushing
Completed drilling (date) 5/6/13	5200' MD			Which is 12.5 feet above ground.

Commenced production/injection (date)	Present effective depth **plugged**	GEOLOGICAL MARKERS	DEPTH
na		**Base Hamilton**	**3960'**
Production mode: ☐ Flowing ☐ Pumping ☐ Gas lift	Junk? Describe:	**Top Perry Anderson Sand**	**4697'**
Name of production/injection zone(s) na		Formation and age at total depth **Cretaceous**	Base of fresh water **1570'**

	Clean Oil (bbl per day)	API Gravity (clean oil)	Percent Water (including emulsion)	Gas (Mcf per day)	Tubing Pressure	Casing Pressure
Initial Production						
Production After 30 days						

CASING AND CEMENTING RECORD (Present Hole)

Size of Casing (Inches API)	Top of Casing	Depth of Shoe	Weight of Casing	Grade and Type of Casing	New (N) or Used (U)	Size of Hole Drilled	Number of Sacks or Cubic Feet of Cement	Depth of Cementing (if through perforations)	Top(s) of Cement in Annulus
8 5/8"	surf	695'	24	J/ST&C	N	12 1/4	275		surf

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforations, and method.)
na

Logs/surveys run? ☒ Yes ☐ No If yes, list type(s) and depth(s).
Mud Log
HRI-Sonic
Directional Survey

In compliance with Sec. 3215, Division 3, 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.

Name of person filing report	Telephone Number	Signature	Date
Dero Parker	661-381-7506		10/17/13
Address		**City/State**	**Zip Code**
PO Box 21210		Bakersfield, CA	93390
Individual to contact for technical questions:	**Telephone Number**	**E-Mail Address:**	
Same	same as above	deroatpsc@msn.com	

OG100 (3/09)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

HISTORY OF OIL OR GAS WELL

Operator Sunset Exploration, Inc. Field Brentwood County Contra Costa

Well She-Dividend 1-8 Sec. 8 T. 1N R. 2E MDB.&M.

A.P.I. No. 013-20380 Name Dero Parker (Person submitting report) Title Agent (President, Secretary, or Agent)

Date 10/17/13 (Month, day, year)

Signature

Address PO Box 21210, Bakersfield, CA. 93390 Telephone Number 661-381-7506

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

Date	
8/13/13	Place 30'-surface cement plug. Dig cellar and weld plate and label with well name And API number
8/14/13	Restore well site

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

HISTORY OF OIL OR GAS WELL

Operator Sunset Exploration | Field West Brentwood Oilfield | County Contra Costa
Well Shea Dividend 1-8 | Sec. 8 | T. 1N | R. 2E | MDB.&M.
A.P.I. No. 013-20380 | Name Drew Parker (Person submitting report) | Title Operations Manager (President, Secretary, or Agent)
Date 7-18-13 (Month, day, year)
Signature
Address P.O Box 21210 Bakersfield, Ca 93390 | Telephone Number 916-612-1708

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

DRILLING HISTORY

Date	
4-25-13	Unload directional tools, weld conductor, take on water and mix spud mud. Spud 12 ¼" hole at 12:30 PM. Directionally drill to 256' at midnight.
4-26-13	Directionally drilled 12 ¼" hole to surface hole TD at 695', circulate bottoms up. WH to bit (free) RIH condition for 8 5/8" casing, POH. Rig up and run 15 joints (693') 8 5/8" 24# J-55 ST&C casing, equip with guide shoe at 691' and insert valve at 646', place centralizers 10' up on first joint and on 3rd and 5th joint. Establish circulation to surface and effectively clean hole. Cement casing with 150 sx (168.8 cf, 13.1 ppg). Lead slurry fallowed by 125 sx (170 cf, 14.8 ppg). Tail Slurry, drop wiper plug and displace cement with 41 bbls water, bump plug float held with 900 psi. Good returns at surface. WOC, remove rotary table at midnight.
4-27-13	Weld 8 5/8" X 3M casing head and test to 2000 psi. Install BOPE and test Blind rams to 1000 psi. Make up BHA with directional tools, RIH to 626' and test BOE with DOG witness. Circulate and drill insert and shoe at 2:00 PM, condition mud, orient directional tools, directionally drill to 872' circulate and POH. Change out insert bit to mill toothed bit, RIH and directionally drill to 978' at midnight.
4-28-13	Directionally drill from 978' to 1259' circulate bottoms up and wipe hole to shoe. (free) Directionally drill from 1259' to 1672' circulate bottoms up and wipe hole to shoe. (free) Directionally drill from 1672' to 1893' circulate bottoms up and wipe hole to shoe. (10-20k over pull) Directionally drill from 1893' to 1926' at midnight.
4-29-13	Directionally drill from 1926' to 2050' circulate bottoms up and wipe hole to shoe. (10-15k over pull) Directionally drill from 2050' to 2272' circulate bottoms up and wior hole to shoe. (10-15k over pull) Directionally drill from 2272' to 2462' circulate bottoms up and wipe hole to 1252' (10-20k over pull) Directionally drill from 2462' to 2588' at midnight.

SUNSET EXPLORATION
SHEA DIVIDEND 1-8
A.P.I No 013-20380
DRILLING HISTORY (CONTINUED)

4-30-13 Directionally drill from 1926' to 2050 circulate bottoms up and pull out of hole for BHA change. (10-15k over pull) Lay down directional tools and load 4 ¾" tools on pipe racks. Make up 4 ¾" directional assembly and BHA, RIH to 2571' and safety ream to 2619', circulate bottoms up, condition mud and directionally drill to 2730. Circulate bottoms up and WH to shoe (5k drag), directionally drill to 2850' at midnight.

5-1-13 Directionally drill from 2859' to 2918' circulate bottoms up and wipe hole to 2300'. (10-20k over pull)
Directionally drill from 2918' to 3173' circulate bottoms up and wipe hole to 2550'. (10-25k over pull)
Directionally drill from 3173' to 3458' circulate bottoms up and wipe hole to 2785'. (10-20k over pull)
Directionally drill from 3458' to 3773' at midnight.

5-2-13 Circulate bottoms up at 3773' and wipe hole to 3200'. (20-30k over pull)
Directionally drill from 3773' to 4024' circulate bottoms up and wipe hole to 3386'. (10-40k over pull)
Directionally drill from 4024' to 4216' circulate bottoms up and wipe hole to 3544'. (10-15k over pull)
Directionally drill from 4216' to 4341' and circulate bottoms up at midnight.

5-3-13 Circulate bottoms up at 4341' and wipe hole to 3858'. (10-30k over pull)
Directionally drill from 4341' to 4465' circulate bottoms up and wipe hole to 3828'. (10k over pull)
Directionally drill from 4465' to 4688' circulate bottoms up and wipe hole to 4018'. (10-15k over pull)
Directionally drill from4688' to 4755' circulate bottoms up and pull out of hole for a bit change.

5-4-13 Break off and lay down mud motor and drill bit. Pick up new motor and rerun bit #2. RIH to 600', slip and cut drag line. RIH to 4755', (reamed 3227'-3257'), circulate bottoms up and directionally drill to 4908' circulate bottoms up and wipe hole to 4237'. (10-30k spot drag) Directionally drill to total depth of 5200' (11:30 PM, circulate bottoms up.

5-5-13 Pull out of hole and lay down directional tools, make up 7 7/8" bit on HWDP and RIH to 5200'. Circulate and condition hole for logs. POH and rig up HLS, run HRI-SONIC from 5150' to surface casing shoe, tear out loggers and RIH with open end DP. Lay down excess drill pipe at midnight.

5-6-13 Lay down excess drill pipe. Run in hole to 821' open ended. Rig up and pump cement plug from 821' to 590' 125 sks 128.8 cu ft. displaced with 4.5 bbls drilling mud. Wait on cement and lay down excess drill pipe. RIH locate cement top at 590' with DOG witness. Lay down balance of drill pipe, remove BOPE, clean mud pits, haul remaining mud to disposal. Install blind flange. Suspend well and release rig.

NATURAL RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS & GEOTHERMAL RESOURCES
801 K Street, MS 20-22 Sacramento, CA 95814-3530
Phone:(916) 322-1110 Fax:(916) 322-1201

No. **T613-0046**

REPORT ON OPERATIONS

Mr. Bob Nunn, Agent
SUNSET EXPLORATION INC. (S7425)
10500 Brentwood Blvd.
Brentwood, CA 94513

Sacramento, California
September 25, 2013

Your operations at well "Shea-Dividend" 1-8, A.P.I. No. 013-20380, Sec. 8, T.1N , R.2E , M D, B.&M., Brentwood field, in Contra Costa County, were witnessed on **8/14/2013**, by **Joy Silva**, a representative of the supervisor.

The operations were performed for the purpose of **plugging and abandonment**.

DECISION: **APPROVED**

DEFICIENCIES NOTED AND CORRECTED: None noted.

JAS/jc

Tim Kustic
State Oil and Gas Supervisor

X Michael L. Woods
Michael L. Woods
District Deputy

APPENDIX I

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

SHAWN MUNGER, CHG
Principal Geologist

EDUCATION

BS, Geology, U.C. Davis, 1985

EXPERIENCE

Years with ENGEO: 31
Years with Other Firms: 0

REGISTRATIONS & CERTIFICATIONS

Certified Hydrogeologist, CA, 413

8 Hour HAZWOPER Training, CA, 160115576014

Professional Geologist, CA, 5810

Certified Environmental Manager, NV, 1332

40 Hour HAZWOPER Training, CA, 100830513934

SPECIALIZATIONS

- Environmental Assessments and Remediation
- Environmental Restoration
- Water Quality Studies
- Water Wells/Hydrogeology

Since joining ENGEO in 1985, Shawn has been managing groundwater supply evaluations, hydrogeologic studies, chemical assessments, Phase I and II Site Assessment projects, UST site investigations, risk based corrective action (RBCA), VOC remediation, and agricultural impact evaluations. He serves as Principal-in-Charge or Project Manager for environmental and hazardous materials projects involving groundwater hydrology, contaminant fate and transport, and remediation. He is Principal-in-Charge of the environmental components of our on-call contracts with the City of Sacramento and the County of Sacramento.

Select Project Experience

14234 Saratoga Sunnyvale Road—Saratoga, CA
Project Geologist. Shawn performed Principal review of ENGEO's environmental documents. This 2.2-acre townhome site is planned for a new multi-family development comprising up to 20 units in 8 buildings. The site immediately borders Saratoga Creek and contains numerous mature trees, many of which are to be saved. Site challenges include shallow groundwater, creek bank stability, and the potential for liquefaction and lateral spreading.

Lenihan Dam Outlet Modification—Los Gatos, CA
Principal Geologist. Shawn provided technical advice, coordination, consultation, and review of ENGEO's documents to provide quality mitigation measures. The findings were presented to SCVWD and it was concluded that the stockpile was sufficient for transportation. This analysis led to significant project budget savings by avoiding removal and disposal at a solid waste disposal facility. The project consisted of a stockpile approximately 6,000 cubic yards that required profiling as requested by Santa Clara Valley Water District before use of as site backfill.

199 River Oaks Parkway—San Jose, CA
Principal in Charge. Shawn provided principal oversight, data analysis, and consultation regarding site characterization, risk evaluation, and demolition observation plans. The project consists of a proposed six-story podium structure with one level to be constructed below grade. The property is a former semiconductor facility that has received conditional closure from the Regional Water Quality Control Board and is approved for construction.

Riverside Avenue Property—Roseville, CA
Principal in Charge. Shawn provided principal oversight of a Phase II Environmental Site Assessments and site

characterization. The project site consists of an active auto sales and service facility. The historic use of the facility for industrial purposes resulted in soil and groundwater impacts beneath the site. The City of Roseville revised its plans for acquiring and redeveloping the site due to the identified soil and groundwater impacts.

1301 Standard Oil Ave—Pittsburg, CA
Principal in Charge. Shawn provided principal oversight of a Phase II Environmental Site Characterization. The property is an abandoned wastewater treatment plant with processing buildings, clarifier tanks, and sludge beds.

Pleasant Hill BART Station—Walnut Creek, CA
Principal in Charge. Shawn provided oversight, data analysis and consultation during the preparation of a Phase II Environmental Site Assessment. The property is an existing BART station that encompasses 20 acres, including the platform/station area, electrical facilities, a parking garage and additional paved parking areas.

County Crossings Property—Antioch, CA
Principal in Charge. Shawn provided environmental consultation and data review with regard to soil and groundwater contamination. Constituents of concern include petroleum hydrocarbons, nitrates and manganese. The approximately 264-acre site includes several former industrial facilities and petroleum pipelines. Soil and groundwater at the site has been impacted with petroleum hydrocarbons, nitrates and manganese. Planned uses include commercial, residential, retail, and a BART-oriented transit village. The center, which is currently in the entitlement phase, is estimated to break ground in 2011.

620 North Ninth Street—San Jose, CA
Principal in Charge. Shawn provided oversight of soil, groundwater and soil gad characterizations, risk evaluations and Remedial Action Plan preparation. Shawn also closely interacted with RWQCB staff to achieve approval for residential development. The property is a former fruit packing plant and food preparation facility. The proposed development consists of a single-family residential subdivision.

Westshore—Richmond, CA
Project Manager. Shawn conducted Phase I and II Site Assessments, risk evaluations and prepared a soil management plan. The property was a former automotive manufacturing plant proposed for a multi-unit condominium development, including a 6-story podium structure to include five residential floors with 269 units and one parking floor.

Mills Ranch—King City, CA
Principal in Charge. Shawn provided principal oversight of Phase I/II Environmental Site Assessments and risk evaluations. The approximate 80-acre property is used for agricultural cultivation and commercial uses. The proposed mixed-use development includes over 400 single-family residential lots.

Select Foods Site/Cross Creek—Hayward, CA
Principal in Charge. Shawn provided principal oversight, consultation, and data analysis. The property was a former processed food facility, a drum recycling business, battery manufacturing operation and a bus assembly plant. Following completion of soil remediation under RWQCB oversight, the property was developed into a single-family residential subdivision.

Arroyo Crossing—Livermore, CA
Principal in Charge. Shawn provided oversight, data analysis and regulatory consultation while ENGEO provided geotechnical and environmental engineering services for this 34-acre site. This former corporation yard and quarry site was developed into a single-family residential subdivision.

Renaissance Square—Concord, CA
Project Manager. Shawn provided consultation, data analysis, and field observation. This former automotive dealership was redeveloped as a five-story multi-family residential structure supported on slab-on-grade foundations, with two levels of below-grade parking. Petroleum hydrocarbon-impacted soil was encountered during excavation of the parking structure, which required characterization and remediation. Soil impacts were attributed to former sumps, USTs and hydraulic lifts.

Union Pacific Railroad Corridor—San Jose, CA
Project Manager. Shawn prepared a Phase I and II Environmental Site Assessment. Work included a site reconnaissance, historical records research and recovery of soil samples with laboratory analysis. Lead impacted soil was identified which required risk evaluation. This former1800 lineal foot section of the former Union Pacific Railroad Corridor was proposed for mixed-use development.

Former SFPP Alignment—Concord, CA
Project Manager. Shawn prepared a Phase I and II Environmental Site Assessment. The site was a former ±6,500-foot corridor formerly occupied by the Southern Pacific Railroad. Kinder Morgan petroleum pipelines existed within an easement along the property. The southern portion of the site was crossed by East Bay Municipal Utilities District water distribution lines and a multi-lane highway overpass. The corridor was developed as a self-storage facility. Work included the recovery of soil and groundwater samples along the SP right of way.

Hercules Property—Hercules, CA
Project Manager. Shawn provided oversight of a Phase I Environmental Site Assessment, site asbestos survey, site characterization, and demolition observation/contaminant assessment. The project area consists of ±167 acres located near and along the southeastern shore of San Pablo Bay in Hercules. The property was once a portion of a 1300-acre manufacturing facility that was operated by DuPont from 1879 to 1913 and Hercules Incorporated from 1913 to 1979. The planned development includes single/multi-family residential development with some commercial components.

Highlands Ranch—Antioch, CA
Principal in Charge. Shawn provided oversight, data analysis, and collaboration with RWQCB personnel. The project site consists of a 140-acre portion of the former Chevron Los Medanos Tank Farm located in Pittsburg, California. The site was historically occupied by 24 crude oil tanks and four wax ponds. Remediation of the crude oil tank and wax pond locations was conducted according to a remedial action plan (RAP) and oversight was provided by the CRWQCB. Remediation was performed over a period of four months and consisted of excavating approximately 110,000 cubic yards of impacted soil and placing the material in windrows for ex-situ bioremediation.

ENGEO
Expect Excellence

G.3 - CCCFPD Wildfire Hazards Response

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Correspondence with Chief Lewis Broschard of CCCFPD 9-27-19

1. **What emergency response or emergency evacuation plans are applicable to the project site?**

No special emergency response or evacuation plans are applicable. Standard emergency response plans apply.

2. **Would the project substantially impair an adopted emergency response plan or emergency evacuation plan?**

The project, as proposed, would impact standard response plans due to its distance from existing fire stations and the addition of workload to the already overburdened existing fire stations within Antioch.

3. **Due to slope, prevailing winds, and other factors, would the project exacerbate fire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire? If so, what factors are specifically of concern in potential contribution to wildfire risk?**

The project is proposed to be constructed in an area prone to vegetation/grass fires and subject to smoke from vegetation/grass fires in the surrounding area due to prevailing winds. The introduction of more population into open spaces, linear trails, and other areas where fires can easily start would increase fire risks for the immediate and surrounding areas. Specific measures and mitigations would need to be implemented for vegetation management in/around the development, fire-safe landscaping in/around the development and within/upon each parcel to reduce the potential for parcel-to-parcel and house-to-house ignition and fire spread in the event of a wildfire. Specific access and fire trail configurations would need to be developed for firefighter and fire apparatus access to the open spaces in/around the development.

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