PHASE I ENVIRONMENTAL SITE ASSESSMENT WHISPER CREEK SUBDIVISION PFE ROAD AND OLY LANE ROSEVILLE, CALIFORNIA

KLEINFELDER

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January 13, 2005

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1 SUMMARY

A Phase I Environmental Site Assessment (ESA) was conducted for Foothill Associates for four parcels located near the intersection of PFE Road and Oly Lane in Roseville, California in Placer County. Addresses associated with the parcels include 3289 PFE Road and 9711 Oly Lane. Three of the parcels were vacant. Rural residential structures were noted on the Parcel associated with address 3289 PFE Road. In summary, Kleinfelder's assessment revealed the following recognized environmental conditions that may have affected the subject site.

- Kleinfelder understands that structures were formerly present in the southwestern portion of the parcel associated with the address 9711 Oly Lane (Parcel 17). Previous Phase I Environmental Site Assessments of the subject site indicate that two septic tanks are located onsite: one on Parcel 7 associated with the structures on Parcel 7 and one associated with former structures on Parcel 17. It is not clear from files reviewed whether the septic tank on Parcel 17 was decommissioned. Kleinfelder recommends that septic tanks uncovered during future site work and/or grading, be abandoned according to applicable regulations.

- Kleinfelder understands that a water supply well was formerly associated with Parcel 17 according to a Previous Phase I Environmental Site Assessment. An inactive water supply well was observed by Kleinfelder on the parcel associated with the address 3289 PFE Road (Parcel 7). Wells may act as conduits for hazardous materials to groundwater. Kleinfelder recommends that any wells onsite be decommissioned according to applicable state and local regulations. If the wells are to be used, we recommend that they be sampled in accordance with their intended use (i.e. Drinking Water Standards).

- Based on estimated date of construction (prior to 1978) of structures observed on Parcel 7, there is the potential for buildings to contain asbestos and/or lead-based paint. In addition, partially buried piping was noted across the driveway of Parcel 17. The texture of the piping suggests that it may be Transite pipe, an asbestos containing material. A berm located near the center of the parcel may be associated with additional irrigation piping. Kleinfelder did not conduct an asbestos or lead-based paint analysis within the scope of work for this assessment. We recommend that appropriate sampling be performed concurrent with site demolition planning as may be required.

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- Soil piles were observed along the southern boundaries of Parcels 2, a large vacant lot, and 17. The source of the soil piles was not revealed during the course of this assessment. If the client desires a greater level of certainty as to whether the soil is contaminated, soil sampling can be conducted.

- A pole-mounted transformer observed on the south side of Parcel 7 was not labeled as to whether or not it contained polychlorinated biphenyls (PCBs), a hazardous substance. In the event of a release, PG&E would be named the responsible party. Kleinfelder recommends that PG&E be contacted prior to handling or removing the transformers.

In addition to these recognized environmental conditions and deviations, historical environmental conditions, and de minimus findings are discussed in Chapter 8 of this report. This report is subject to the limitations in Chapter 2.

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2 INTRODUCTION

2.1. PURPOSE

Kleinfelder conducted an ESA of the subject property. Kleinfelder understands this report will assist the client in understanding environmental conditions associated with the subject property's past and current use. Kleinfelder performed this ESA in general accordance with the scope and limitations of the American Society of Testing and Materials (ASTM); Standard Practice for Phase I Environmental Site Assessment Process E1527-00 and our proposal number 02301PROP dated November 19, 2004.

The purpose of this assessment is to assist the client in recognizing "environmental conditions" at the site. A recognized environmental condition is defined by the ASTM standard as "the presence or likely presence of 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." The term includes hazardous substances or petroleum products even under conditions in compliance with laws.

Kleinfelder environmental professionals conducting this site assessment included Ms. Christina Ryan and Ms. Pamela Wee. Resumes are available upon request.

2.2. DETAILED SCOPE-OF-SERVICES

The following sections describe Kleinfelder's work scope:

- Chapter 2, **Introduction**, includes a discussion of the purpose/reason for performing the Phase I ESA; additional services requested by the client (e.g. an evaluation of business environmental risk factors associated with the property); significant assumptions (e.g. property boundaries if not marked in the field); limitations, exceptions, and special terms and conditions (e.g. contractual); and user reliance parameters.
- Chapter 3, **Site Setting**, is a compilation of information concerning the site's location, legal description (if available), current and proposed use of the subject site, a description

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of structures and improvements on site at the time of Kleinfelder's assessment, and current uses of adjoining properties.

- Chapter 4, **Records Review**, is a compilation of Kleinfelder's review of several databases available from the federal, state, and local regulatory agencies regarding hazardous substance use, storage, or disposal at the subject site; and for off-site facilities up to a mile radius from the site. Environmental liens or activity and use limitations are included in this chapter. Records provided by the client are summarized and copies of relevant documents are included in the Appendices of this report. Interviews and telephone conversations conducted by Kleinfelder with regulatory agency representatives are included in Chapter 4. Other interviews with people knowledgeable about the site (including the client) are included in Chapter 7.

- Chapter 5, **History of the Site**, summarizes the history of the site and adjoining properties. This site history is based on various sources which may include: a review of aerial photographs, Sanborn Fire Insurance Maps, city or suburban directories, historical topographic maps, building department records, previous assessments, and a chain-of-title/ preliminary title report (if provided by the client).

- Chapter 6, **Site Reconnaissance**, describes Kleinfelder's site observations during the site reconnaissance. The methodology used and limiting conditions are described.

- Chapter 7, **Interviews**, is a summary of telephone and personal interviews conducted with "Key Managers" that may include the owner/manager of the facility, occupants/tenants, local government officials, and the client. Additional interview sources may be contacted if "Key Managers" are not available prior to production of this report and may include adjacent landowners and people with historical knowledge of the area.

- Chapter 8, **Evaluation**, is a presentation of our findings and opinions regarding the information in Chapters 3 through 7, and presents our conclusion regarding the presence of environmental conditions of concern at the site.

- Chapter 9, **References**, is a summary of the resources used to compile this report.

Pertinent documentation regarding the subject site is included in Appendices of this report.

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2.3. ADDITIONAL SERVICES

An evaluation of business environmental risk associated with the parcels was not included in Kleinfelder's scope of work. The ESA does not incorporate non-scope considerations, such as asbestos-containing materials, radon, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, and high voltage power lines.

2.4. SIGNIFICANT ASSUMPTIONS

The subject property is hereafter referred to as the "site".

2.5. LIMITATIONS AND EXCEPTIONS

Phase I ESAs are non-comprehensive by nature and are unlikely to identify all environmental problems or eliminate all risk. The attached report is a qualitative assessment. Kleinfelder offers a range of investigative and engineering services to suit the needs of our clients, including more quantitative investigations. Although risk can never be eliminated, more detailed and extensive investigations yield more information, which may help you understand and better manage your risks. Since such detailed services involve greater expense, we ask our clients to participate in identifying the level of service, which will provide them with an acceptable level of risk. Please contact the signatories of this report if you would like to discuss this issue of risk further.

Kleinfelder performed this environmental assessment in general accordance with the guidelines set forth in the ASTM Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (Designation E-1527-00), and subsequently approved by you as our client. No warranty, either express or implied is made. Environmental issues not specifically addressed in the report were beyond the scope of our work and not included in our evaluation.

This report may be used only by the client and only for the purposes stated within a reasonable time from its issuance, *but in no event later than one year from the date of the report.* Land or facility use, on and off-site conditions, regulations, or other factors may change over time, and additional work may be required with the passage of time. Since site activities and regulations beyond our control could change at any time after the completion of this report, our observations, findings and opinions can be considered valid only as of the date of the site visit. This report

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should not be relied upon after 180 days from the date of its issuance (ASTM Standard E-1527, Section 4.6). Any party other than the client who wishes to use this report shall notify Kleinfelder of such intended use. Based on the intended use of the report, Kleinfelder may require that additional work be performed and that an updated report be issued. Non- compliance with any of these requirements by the client or anyone else will release Kleinfelder from any liability resulting from the use of this report by any unauthorized party *and client agrees to defend, indemnify, and hold harmless Kleinfelder from any claim or liability associated with such unauthorized use or non-compliance.*

2.6. SPECIAL TERMS AND CONDITIONS

Special terms and conditions in addition to those discussed in the previous Chapters were agreed to by the User (Foothill Associates) and Kleinfelder, Inc (sub-consultant). The agreement was made and entered into on December 6, 2004 between Foothill Associates (the Client) and Kleinfelder, Inc. A copy of the Agreement and Kleinfelder's Scope of Work are included in Appendix E.

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3 SITE SETTING

The site setting is presented to assess the significance of potential on- and off-site contaminant migration, if present. The site location is shown on Plate 1 in Appendix A. Tables 1 through 5 provide the physical characteristics of the site and bordering properties.

3.1. LOCATION AND LEGAL DESCRIPTION

The information presented in Table 1 describes the physical location and legal description of the subject site. This information was obtained from maps, public records, and interviews.

TABLE 1
LOCATION AND LEGAL DESCRIPTION

ADDRESS	All four parcels are located within Placer County. Parcels 2 and 6 do not have addresses. The address associated with Parcel 7 is 3289 PFE Road, Roseville, California. The address associated with Parcel 17 is 9711 Oly Lane, Roseville, California.
LOCATION	The subject site is located on the south side of PFE Road, west of Don Julio Road, north of the Placer County-Sacramento County Line.
TOWNSHIP & RANGE	The subject site is located within a portion of Section 17 of Township 10 North, Range 6 East, Mount Diablo Meridian.
ASSESSOR'S PARCEL NUMBER	(Parcel 2) 023-260-002 (Parcel 6) 023-260-006 (Parcel 7) 023-260-007 (Parcel 17) 023-260-017
LEGAL DESCRIPTION	Not provided by Client.
ACREAGE	Approximately 36.7 acres.
ZONING	RS (Single Family Residential)-AG (Agriculture)-B-X(Building Site)-20, PD2 (Planned Development), O-PD2 (Open Space-Planned Development)

3.2. SITE AND VICINITY GENERAL CHARACTERISTICS

The site is located in an area of relatively hilly terrain. Land use on site and in the general vicinity appeared to be rural residential and agricultural at the time of Kleinfelder's assessment. Groundwater information is included on Table 2 below.

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TABLE 2
GROUNDWATER INFORMATION

DEPTH TO REGIONAL GROUNDWATER (Source: Sacramento County Department of Public Works, Spring 2003 Groundwater Elevations map and EDR Radius Report, Geocheck Version 2.1 Summary)	The depth to groundwater was depicted at approximately 10 to 20 feet below Mean Sea Level. Therefore, based on surface elevation of approximately 120 feet above Mean Sea Level, depth to groundwater is estimated at approximately 130 to 140 feet below ground surface. General groundwater depth may be influenced by local pumping, rainfall, and irrigation patterns.
DIRECTION OF ANTICIPATED FLOW (Source: Sacramento County Department of Public Works, Spring 2003 Groundwater Elevations map)	The estimated direction of groundwater flow is to the west-northwest.
REGIONAL GROUNDWATER QUALITY PROBLEMS (Source: EDR Radius Report, Geocheck Version 2.1 Summary)	Regional groundwater quality problems were not revealed during Kleinfelder's assessment.

3.3. CURRENT/PROPOSED USE OF THE PROPERTY

Current and proposed uses are described in Table 3.

TABLE 3
CURRENT/PROPOSED USES

CURRENT USE	Parcel 17 and Parcel 2 are presently vacant of aboveground structures. Parcels 6 and 7 contain a rural residence and the site of an electric repair business operated by the tenant of the property.
PROPOSED USE	Proposed 104-lot subdivision, 6 open space lots, 2 landscaped lots, and 1 recreation lot.

3.4. DESCRIPTION OF STRUCTURES/IMPROVEMENTS

Structures and/or improvements observed on site at the time of Kleinfelder's site reconnaissance are described in Table 4.

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TABLE 4
STRUCTURES/IMPROVEMENTS

	GENERAL OBSERVATIONS
STRUCTURES	No structures were observed on Parcels 2 and 17. A single rural residence, a barn, four trailers, and several small sheds were observed on Parcel 7. Multiple vehicles and boats were also observed stored on the property.
IMPROVEMENTS	Irrigation piping was observed on Parcel 17. A storm drain vault and piping was observed extending from the roadway on the southeast corner of the Parcel 2, which drains to one of the creeks flowing through the site. A reportedly inactive water supply well was observed on the south side of the residence on Parcel 7.

In addition, historical documents reviewed revealed features formerly on site that were likely associated with past rural residential land use (i.e. barns, grazing pastures, sheds, irrigated orchards).

3.5. CURRENT USES OF ADJOINING PROPERTIES

Kleinfelder conducted a brief drive-by survey of the parcels adjoining the site on the same day as the site reconnaissance. A summary of the surrounding properties is presented on Table 5. Please see a layout of the Parcel locations on Plate 2, Site Map in Appendix A.

TABLE 5
SURROUNDING PROPERTIES

NORTH	*Parcel 2:* PFE Road and then a relatively new golf course and residential subdivision. *Parcel 17:* Small (<5 acre) rural residential properties and an apparent storage yard for a construction company (GVC). Items observed in the storage yard included vehicles, cones, straw wattle, mobile tanks, and 2 steel above ground storage tanks (ASTs). The steel tanks were located approximately 500 feet north of the site border. *Parcel 6:* Parcel 7 is located north of Parcel 6. *Parcel 7:* PFE Road and then Rural residential land use.
SOUTH	The parcels are bordered to the south by a residential subdivision. Stormdrain piping and a vault were observed extending from the roadway onto Parcel 2.
EAST	*Parcel 2:* Oly Lane, which extends from PFE Road and then rural residential land use (described above as north of Parcel 2). *Parcel 17:* Parcels 6 and 7 are located east of Parcel 17. *Parcels 6 and 7:* Vacant land.
WEST	*Parcel 2:* Rural residential land use. *Parcel 17:* Parcel 2 is located west of Parcel 17. *Parcels 6 and 7:* Parcel 17 and then rural residential land use (described above as north of Parcel 2).

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The adjoining properties are not likely to adversely impact the subject site. It should be noted that above ground storage tanks were observed stored on the apparent construction storage yard. Obvious evidence of a release of past release was not observed from materials stored adjacent to the property border, which included two mobile ASTs, vehicles, and asphalt dispensers.

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4 RECORDS REVIEW

4.1. STANDARD ENVIRONMENTAL RECORD SOURCES

The purpose of the records review is to obtain and review records that would help to evaluate recognized environmental conditions of potential concern in connection with the subject site and bordering properties.

Federal, state and local regulatory agencies publish databases or "lists" of businesses and properties that handle hazardous materials or hazardous waste, or are the known location of a release of hazardous substances to soil and/or groundwater. These databases are available for review and/or purchase at the regulatory agencies, or the information may be obtained through a commercial database service. Kleinfelder contracted with a commercial database service, Environmental Data Resources (EDR), to review the regulatory agency lists for references to the site and any listings within the appropriate ASTM minimum search distance to the site. Due to the size of the site (greater than 20 acres) the search radius was extended by ¼ mile. The EDR database search results are included in Appendix C, Regulatory Agency Database Summary. A description of the types of information contained in each of the databases reviewed and the agency responsible for compiling the data is included in the EDR Radius Report. The federal and state databases reviewed by EDR are summarized on Table 6.

TABLE 6
RECORDS REVIEW-SEARCH DISTANCE

FEDERAL/LOCAL		STATE/LOCAL	
National Priority List (NPL)	1-mile	Cal-Sites, Bond Expenditure Plan (BEP), Annual Work Plan (AWP)	1-mile
Resource Conservation Recovery Act (RCRA)-CORRACTS TSDF	1-mile	CORTESE (formerly Hazardous Waste Substances)	½-mile
Comprehensive Environmental Response Compensation Liability Information System (CERCLIS)	½-mile	Leaking Underground Storage Tank (LUST)	½-mile
RCRA-non CORRACTS TSD	½-mile	(Spills, Leaks, Incidents, Complaints) SLIC	½-mile
RCRA-GEN, HAZNET, Sac County Master List (ML)	Site & adjoining	SWIS/SWAT/SWF/LF	½-mile
CERCLIS-NFRAP (No Further Remedial Action Planned)	Site & adjoining	UST, CaFID, HistUST	Site & adjoining
ERNS	Site	Master List of Facilities	Site & adjoining

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The subject site was not listed on regulatory agency databases researched by EDR.

Off-site, there was 1 facility listed within the ASTM search distance. The property of *Manuel and Betty Carreras* located at 9651 Oly Lane was reported on the Cortese database. The Cortese list includes facilities that are potential and confirmed hazardous waste sites throughout the state. The list is compiled from information obtained from the California Environmental Protection Agency, the Department of Toxic Substances Control, the Regional Water Quality Control Board and the Integrated Waste Management Board. The EDR Report did not include details of a reported incident. In addition, the facility was not listed on other databases that report records of releases or storage of hazardous materials. Kleinfelder requested additional information concerning this facility from the Placer County Environmental Health Department, see Section 4.2.

Facilities listed on EDR's Orphan Summary of unplottable facilities were not located within the ASTM search radius of the subject site.

4.2. ADDITIONAL AGENCY ENVIRONMENTAL RECORDS

Local regulatory agencies were contacted for reasonably ascertainable and practically reviewable documentation regarding recognized environmental conditions present at the subject site and adjacent facilities. Interviews with local regulatory agency representatives are included in Chapter 7.0 of this report. The following agencies were contacted for documentation.

☐.....Placer County Air Quality Management District (PCAQMD)
☐.....Placer County Agricultural Commissioner's office
☒.....Placer County Building Department
☒.....Placer County Environmental Health Department (PCEHD)
☒.....Dry Creek Fire Department
☐.....Placer County Office of Emergency Services (see PCEHD)
☒.....Placer County Water Agency
☒.....State of California, Department of Water Resources (DWR)
☐.....State of California, Regional Water Quality Control Board
☒.....State of California, Division of Oil, Gas, and Geothermal Resources
☐.....State of California, Department of Toxic Substances Control
☒.....State of California, Fire Marshal, Pipeline Safety Office
☒.....Pacific Gas & Electric (PG&E)

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The Placer County Air Quality Management District was not contacted because the subject site is rural residential land use and land use on properties located adjacent to the subject site are not likely sources of air pollutants permitted by the District. The Placer County Agricultural Commissioner was not contacted because information was obtained from previous assessments conducted by Wallace-Kuhl & Associates (see discussion in Section 5.6). The State of California Regional Water Quality Control Board and Department of Toxic Substances Control were not contacted because there were no facilities revealed through database review or the site reconnaissance likely to have had a release where these two departments are the lead agency according to the EDR Radius Report.

Information revealed from interviews or documents received from various regulatory agencies by Wallace-Kuhl as reported in previous assessments of the subject site are included in this Chapter along with information obtained from recent contact of these agencies by Kleinfelder. Additional information obtained from previous assessments is reported in Chapter 5.6.

Placer County Building Department

Kleinfelder contacted the research department of the Placer County Building Department on December 20, 2004. At the time this report was published, a response had not been received from the Placer County Building Department. A prior Phase I ESA conducted by Wallace-Kuhl & Associates noted a rural residence, small barn, an electrical workshop, and several small storage sheds on the southeast side of Parcel 7. A rural residence and two horse and livestock shelters were also noted by Wallace Kuhl and Associates on Parcel 17. The Placer County Building Department provided the following permit information to Wallace-Kuhl & Associates:

- Parcel 7: Structure building permits were available for the subject site dating back to the 1940's (information as to the nature of early building permits was not included). Permit No. R08802 was issued July 18, 1957 for the construction of a one-story dwelling. The permit indicated that the house was attached to a 3,000-gallon septic system with leach lines, and a 150-feet deep water supply well. The house was reportedly heated by electricity. A second permit, No E65286, was issued March 30, 1990 for an electrical panel box upgrade to 200 amps. Final inspection was conducted by the Sacramento Municipal Utilities District (SMUD) and Placer County Building Department on April 2, 1990.

- No archived building permits were on file for Parcel 2, 6, and 17.

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At the time of Kleinfelder's site reconnaissance, Parcels 2, 6, and 17 were vacant of structures. Structures and the well formerly noted on Parcel 17 by Wallace Kuhl and Associates (See Section 5.6) had been demolished at the time of Kleinfelder's site reconnaissance. A single residential structure, a barn and several sheds were observed on Parcel 7. The location of the water supply well was noted south of the residence. The well is reportedly inactive and the residence has been connected to the public water system.

Placer County Environmental Health Department (PCEHD)

Kleinfelder contacted the research department of the PCEHD on December 20, 2004 for records of storage or releases of hazardous materials at the subject site. At the time this report was published, a response had not been received from the PCEHD. Correspondence with the PCEHD by Wallace Kuhl & Associates did not reveal additional information concerning the conditions at the Carreras Property. Therefore, Kleinfelder does not recommend further assessment of the Carrerras Property. Should information provided by the PCEHD change the findings and conclusions of this report, Kleinfelder will contact Foothill Associates.

Dry Creek Fire Department

Kleinfelder contacted the Dry Creek Fire Department on December 27, 2004 for records of responses or incidents involving hazardous materials occurring at the subject site. At the time this report was published, a response had not been received from the Fire Department. Should additional information be provided by the Fire Department that changes the findings and conclusions of this report, Kleinfelder will contact Foothill Associates.

Placer County Water Agency

Drinking water provided by the Placer County Water Agency meets or exceeds state and federal public health standards for quality and safety according to the 2003 Annual Water Quality Report. A copy of the Water Quality Report is included in Appendix D.

State of California, Department of Water Resources (DWR)

Ms. Anne Roth was contacted by facsimile (see Appendix D) to obtain information about well logs in the vicinity of the subject site. According to Ms. Roth, there are two wells located in the vicinity of the subject site, a public supply well and a domestic well. The wells were cased and between 250 and 600 feet deep. There were no monitoring wells reported for the subject site.

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State of California, Division of Oil, Gas, and Geothermal Resources

Kleinfelder visited the Division of Oil, Gas and Geothermal Resources' website (http://www.consrv.ca.gov/DOG/) for records of oil and gas wells that may be located on the subject site. Published maps available for review at the website do not depict oil and gas wells located on the subject site or in the immediate vicinity of the subject site. A copy of relevant portions of the maps is included in Appendix D.

State of California, Fire Marshal, Pipeline Safety Office

Kleinfelder contacted the State of California Fire Marshal for information regarding pipelines that transport hazardous materials that may be located in the vicinity of the subject site. Kleinfelder did not observe signage indicating the location of pipelines on the subject site during the site reconnaissance. There are reportedly no pipelines jurisdictional to the State Fire Marshal in the vicinity of the subject site according to a response from Ms. Lisa Dowdy.

Pacific Gas & Electric (PG&E)

Pole mounted transformers were observed on Parcel 17 and Parcel 7. The transformer observed on Parcel 17 was labeled non-PCB, however the transformer observed on Parcel 7 appeared to be older. Evidence of past releases was not observed. Previous contacts with PG&E has not revealed site-specific or transformer-specific PCB (polychlorinated bi-phenyl) content. However, according to interviews with representatives from PG&E, in the event of a release of dielectric fluid, PG&E would be named the responsible party. Kleinfelder recommends contacting PG&E prior to handling or removing transformers onsite.

4.3. PHYSICAL SETTING SOURCE(S)

Table 7 presents information about the physical setting of the site. This information was obtained from published maps.

TABLE 7
PHYSICAL SETTING

USGS TOPOGRAPHIC QUADRANGLE	Citrus Heights, California Quadrangle, 7.5 Minute Map, Mount Diablo Base and Meridian (1992).	The site is located at approximately 120 feet above Mean Sea Level, and slopes generally towards Dry Creek to the north. Two drainages were noted on the subject site which drain into Dry Creek. The western drainage flows through Parcel 2 and the eastern drainage flows through Parcel 7. Two structures were depicted on site, one near the center of Parcel 17 and one in the southeast corner of Parcel 7. There were no wells, structures, or other features observed onsite. Land use in the vicinity of the site was depicted as urban to the south of the site and rural residential north, east, and west of the site.

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TABLE 7 (Continued)
PHYSICAL SETTING

GEOLOGIC MAP	Geologic Map of California, State of California Department of Conservation 1977; Scale: 1 inch = 12 miles.	The site is situated near Roseville, California within the eastern portion of the Sacramento Valley. The Sacramento Valley represents the northern portion of the Great Valley Geomorphic Province of California. Pliocene and/or Pleistocene sandstone, shale, and gravel deposits, mostly loosely consolidated were depicted on the map.
SOIL TYPE	Soil Survey of Placer County, July 1980, Sheet 16.	Soils onsite were depicted as Fiddyment loam, Fiddyment-Kaseberg loams, and Xerofluvents. The complete Soil Survey description of this soil type is included in Appendix D. In summary: • *Fiddyment loam, 1 to 8 percent slopes* (146): This soil unit was depicted primarily on the Parcels 6 and 7 as well as the southeastern portion of Parcel 17. The Soil Survey describes this soil as a moderately deep, well-drained soil on low terraces of siltstone. Permeability is very slow. • *Fiddyment-Kaseberg loams, 2 to 9 percent slopes* (147): This soil unit was depicted on Parcel 2 and the remaining portion of Parcel 17. The Soil Survey describes this soil as 50 percent Fiddyment soil and 30 percent Kaseberg soil. The Fiddyment soil is described above. The Kaseberg soil is described as shallow over a hardpan. It is well-drained and permeability is considered moderate. • *Xerofluvents, frequently flooded* (194). This soil unit was depicted along the drainage in Parcel 7. The Soil Survey describes this soil as frequently flooded consisting of narrow stringers of somewhat poorly drained recent alluvium adjacent to stream channels. Permeability is variable.
OIL AND GAS FIELDS	State of California, Department of Conservation, Division of Oil and Gas, Oil and Gas Field Maps for District 6. (http://www.consrv.ca.gov)	Oil and gas fields were not depicted on the map.

Information about the regional geology is presented on Table 8. This information was obtained from published data and maps, interviews with public agencies, and/or from previous investigations conducted by Kleinfelder in the vicinity of the site.

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TABLE 8
REGIONAL GEOLOGY AND HYDROGEOLOGY

REGIONAL GEOMORPHIC PROVINCE	The site is situated near Roseville, California within the eastern portion of the Sacramento Valley. The Sacramento Valley represents the northern portion of the Great Valley Geomorphic Province of California. The foothills of the Sierra Nevada Geomorphic Province occur east of the Great Valley and the Coast Ranges Geomorphic Province occurs to the west. The Great Valley is an asymmetrical trough approximately 400 miles long and 40 miles wide forming the broad valley along the axis of California. Erosion of the Coast Ranges to the west and Sierra Nevada to the east has generated alluvial, overbank, and localized sediments up to 50,000 feet thick. Subsequent deformation has folded these sediments into an asymmetrical syncline with its axis off center toward the western Coast Ranges. Along the eastern boundary of the valley basin, these alluvial deposits pinch out to the east and overlay older, alluvial and channel deposits associated with previous alignments of the American River and, at greater depth, metamorphic terrain and crystalline basement rock of the Sierra Nevada.

4.4. USER PROVIDED INFORMATION

Foothill Associates provided Kleinfelder with three Phase I ESAs for the Whisper Creek Subdivision prepared by Wallace Kuhl and Associates. A summary of information provided in the Phase I ESAs is included in Section 5.6, Previous Assessments.

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5 HISTORICAL USE OF THE PROPERTY AND ADJOINING PROPERTIES

The history of the site was reviewed to identify obvious uses of the site from the present to first developed use, or back to 1940, whichever is earlier, from readily available resources. Table 9 summarizes the availability of information reviewed during this assessment.

TABLE 9
HISTORICAL SOURCES

	Years reviewed	Availability
AERIAL PHOTOGRAPHS	1949, 1971, 1984, 1999 2002	USDA, Natural Resource Conservation Service USGS, TerraServer
SANBORN FIRE INSURANCE MAPS	No Coverage	EDR, Inc.
POLK AND HAINES CRISS-CROSS DIRECTORIES	No Coverage	Inquiry to California State Library by Wallace Kuhl and Associates during a prior assessment.
HISTORICAL TOPOGRAPHIC MAP REPORT	1902, 1911, 1951, 1954, 1967, 1975, 1992	USGS Topographic Maps provided by EDR, Inc.
BUILDING DEPARTMENT	Various years.	Inquiry to the Placer County Building Department by Wallace Kuhl and Associates during prior assessments.
PREVIOUS ASSESSMENT(S)	September 27, 2002 (Parcel 2), March 7, 2003 (Parcel 6 and 7), and June 6, 2003 (Parcel 17) prepared by Wallace Kuhl and Associates.	Provided by Client.
CHAIN-OF-TITLE OR PRELIMINARY TITLE REPORT	N/A	Not provided by Client.

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5.1. AERIAL PHOTOGRAPHY

Historical aerial photographs were reviewed to evaluate past land use at the site and in the surrounding area. Aerial photographs covering 50 years were available during the time frame of this report. The summary of aerial photograph review is presented, as follows:

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TABLE 10
AERIAL PHOTOGRAPHS

Date	Photo ID	Scale	Type	Source	Quality
1949	BR•CV 11-75	1" ≈ 660'	Black and White Monoscopic	USDA, NRCS	Good
1971	ABM-2MM-56	1" ≈ 660'	Black and White Monoscopic	USDA, NRCS	Good
1984	NHAP 84 06061-125	1" ≈ 1000'	Black and White Monoscopic	USDA, NRCS	Fair
1999	NAPP-6532	1" ≈ 660'	Black and White Monoscopic	USDA, NRCS	Good
2002	N/A	N/A	Digital Orthophoto Quad	USGS Terraserver	Good

1949

Subject Site: Parcels 2 and 17 were depicted as vacant land possibly used for dry farming located south of PFE Road. A creek was observed trending in a southeast/northwest direction. Two additional drainages were apparent extending from the northeast and southwest and draining to the creek, which also extends onto the southwestern corner of Parcel 17. Parcels 6 and 7 were apparent as an orchard. A creek was noted flowing in a south to north direction through Parcel 6 and 7. No structures were apparent in the 1949 aerial photograph.

Surrounding Area: The 1949 aerial photograph depicts PFE Road adjacent to the north of the subject site and then open land possibly used for dry crops and an orchard. A rural residence was noted north of Parcel 17 along PFE Road. Similarly, the properties located south, east, and west were used for pasture or dry crops. An orchard was noted east of Parcel 7.

1971

Subject Site: Parcels 2 and 17 continued to be depicted as vacant land possibly used for dry crops or cattle grazing. A residential structure and a barn were noted in the southwest corner of Parcel 7. The orchard apparent on this parcel may conceal additional structures.

Surrounding Areas: A rural residence had been constructed east of Parcel 2. Also, several residences were constructed south of PFE Road and north of Parcel 17. The remaining properties located south, north, and west of the subject site continue to be used for agricultural purposes and/or grazing land.

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1984

Subject Site: There do not appear to be significant changes to Parcel 2. Several trees and a ponded area were noted in the southwestern corner of Parcel 17. The scale of the photograph does not allow for interpretation of potential structures in this area. However, aerial photographs from 1981 reviewed by Wallace Kuhl and Associates suggest that a rural residence, a small livestock shelter, access road, fenced yard, and a minor amount of stored items were noted at this location. The ponded feature was reportedly the result of damming the creek that flowed through this portion. Ponded water was observed at this location during Kleinfelder's site reconnaissance. There do not appear to be significant changes to Parcels 6 and 7 with the exception of the orchard, which appears to be out of production.

Surrounding Area: There do not appear to be significant changes to the surrounding area relative to the 1971 aerial photograph.

1999 and 2002

Subject Site: The 1999 aerial photograph does not depict significant changes to the subject site relative to the 1984 aerial photograph. Features noted by Wallace Kuhl and Associates in a 1981 aerial photograph were readily apparent in the 1999 aerial photograph. The eastern portion of Parcels 6 and 7 was not depicted on the 1999 aerial photograph. A 2002 aerial photograph reviewed by Kleinfelder reveals that the following structures are located at the site: a residence, a barn, and several sheds. Several items were apparent stored around the structures.

Surrounding Area: There do not appear to be significant changes to the surrounding area north and west of the site with the exception of continued rural residential development south of PFE Road. A residential development had been constructed south of the site by 1999 and the area east of Parcels 6 and 7 continued to be vacant.

NOTE: Aerial photographs only provide information on indications of land use and no conclusions can be drawn from photographs alone. However, Kleinfelder's review of available aerial photographs did not reveal obvious signs of dumping, spilling, leaking, storage or disposal of hazardous materials or wastes on site. It should be noted that above ground storage tanks for diesel and/or gasoline are commonly used on sites with rural residential land use.

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5.2. SANBORN FIRE INSURANCE MAPS

Sanborn Fire Insurance Maps provide historical land use information for some metropolitan and small established towns. Kleinfelder, Inc. requested a search of Sanborn Fire Insurance Maps by EDR. Sanborn Fire Insurance Maps were not available for the subject site (see Appendix B).

5.3. POLK AND HAINES CRISS-CROSS DIRECTORIES

Wallace Kuhl and Associates reviewed historical business directories at the California State Library. Streets associates with the subject property were not listed in directories reviewed.

5.4. HISTORICAL TOPOGRAPHIC MAP REVIEW

Historical topographic maps (7.5- and 15-Minute Series) provided by EDR, Inc. were reviewed by Kleinfelder. Topographic maps from the following years were reviewed:

- *1902 Fair Oaks Quadrangle* (15-Minute Series): The subject site was depicted as vacant land according to the 1902 topographic map. PFE Road and the Sacramento-Placer County line aligned the northern and southern boundaries, respectively.

- *1911 Antelope Quadrangle* (7.5-Minute Series): The 1911 continued to depict the subject site as vacant.

- *1951 Citrus Heights Quadrangle* (7.5-Minute Series): The 1951 topographic map depicts an intermittent stream flowing towards the northwest from the southwestern border of Parcel 17 through Parcel 2. Two unimproved roadways were depicted through Parcel 2 extending from PFE Road. A third unimproved roadway extended from PFE Road east of Parcel 2 and west of Parcel 17 at the present location of Oly Lane. A second intermittent stream was noted flowing towards the north through Parcels 6 and 7. Both intermittent streams drain to Dry Creek, which is located approximately 3,000 feet north of the site. Parcels 6 and 7 were depicted as an orchard in 1951. Structures were not depicted on the subject site.

- *1954 Fair Oaks Quadrangle* (15-Minute Series): The 1954 topographic map does not depict significant changes to the subject site relative to the 1951 topographic map.

- *1967 Citrus Heights Quadrangle* (7.5-Minute Series): There do not appear to be significant changes to the subject site in the 1967 topographic map. The two unimproved

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roadways noted on Parcel 2 were no longer apparent. Also, a single residential structure was apparent in the southeastern portion of Parcel 7.

- *1975 Citrus Heights Quadrangle* (7.5-Minute Series): The 1975 topographic map depicts one additional structure located northwest of the residential structure noted in the 1967 topographic map.

- *1992 Citrus Heights Quadrangle* (7.5-Minute Series): The 1992 topographic map depicts a single structure in the southwestern portion of Parcel 17. The remainder of the subject site appeared relatively similar to the 1992 topographic map.

5.5. BUILDING DEPARTMENT RECORDS

The Placer County Building Department provided the following permit information to Wallace-Kuhl & Associates:

- Parcel 7: Structure building permits were available for the subject site dating back to the 1940's (information as to the nature of early building permits was not included). Permit No. R08802 was issued July 18, 1957 for the construction of a one-story dwelling. The permit indicated that the house was attached to a 3,000 gallon septic system with leach lines, and a 150-feet deep water supply well. The house was reportedly heated by electricity. A second permit, No E65286, was issued March 30, 1990 for an electrical panel box upgrade to 200 amps. Final inspection was conducted by the Sacramento Municipal Utilities District (SMUD) and Placer County Building Department on April 2, 1990.

- No archived building permits were on file for Parcel 2, 6, and 17.

At the time of Kleinfelder's site reconnaissance, Parcels 2, 6, and 17 were vacant of structures. Structures formerly noted on Parcel 17 by Wallace Kuhl and Associates (See Section 5.6) were not observed during Kleinfelder's site reconnaissance. A single residential structure, a barn and several sheds were observed on Parcel 7. The location of the water supply well was noted south of the residence. The well is reportedly inactive and the residence has been connected to the public water system.

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5.6. PREVIOUS ASSESSMENTS

Environmental Site Assessment, PFE 36 Acres, Vicinity of PFE Road and Oly Lane, Placer County, California prepared by Wallace Kuhl and Associates, Inc., WKA No. 5232.01 dated September 27, 2002. The property assessed during this ESA matches the property boundaries associated with Parcel 2. In summary, the following findings were included in the report:

- The property was undeveloped with two stream channels that bisect the central and southwesterly portions of the property. Stormwater from the residential subdivision to the south flows into the southwesterly stream channel. No odors or sheens were observed in surface water on the property.
- Areas along the southern boundary appeared to be used by residents to the south as play areas for children, vegetable gardens, and a landscaped and irrigated natural garden.
- A single end-dumped pile of concrete rubble and domestic debris (i.e. mattress, paper, plastic, etc.) was observed near the southeasterly property boundary. No odors or stained soils were observed at this location.
- The Placer County Agricultural Commissioner's office did not have records of *Restricted Use Permits*, *Notices of Violation*, or *Cease and Desist Orders* for Parcel 2.
- Wallace Kuhl and Associates concluded that there was no evidence of Recognized Environmental Conditions associated with Parcel 2.

Environmental Site Assessment PFE 14 Acre Property, 3289 PFE Road, Placer County, California prepared by Wallace Kuhl and Associates, Inc., WKA No. 5373.01 dated March 7, 2003. The property assessed during this ESA matches the property boundaries associated with Parcel 6 and 7 (3289 PFE Road). In summary, the following findings were included in the report:

- Parcel 6 consisted of vacant land. Items observed discarded on the parcel during Wallace Kuhl and Associates site visit included wood, paper, plastic, landscape clippings, and steel scraps. An area near the southwesterly boundary appeared to be used by residents to the south for a vegetable and flower garden. No odors or stained soils were observed at this location.

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- Parcel 7 supported a rural residence, small barn, electrical workshop, several small storage sheds, five mobile homes, several vehicles, and three boats. The barn was reportedly used as a livestock shelter. The electrical workshop was used to store tools and electrical parts, workbenches, and miscellaneous stored items. A north/south-trending access road extends from PFE Road to the structures located in the southeastern portion of the parcel.

- The remainder of Parcel 7 was undeveloped with the exception of a remnant almond orchard. Ladders, corrugated metal, wood, plywood, steel and PVC piping, and rolls of wire were observed around the exterior of buildings. Other items observed included a boat trailer, air conditioning unit, yard furniture, toys, and a trampoline.

- An inactive water supply well was observed south of the residence. A water pressure holding tank hooked up to the municipal water supply was observed near the inactive well.

- A stream channel bisects the central portion of the property. Stormwater from the residential subdivision to the south flows from a culvert near the south-central property boundary into the stream channel. A linear mound of soil on Parcel 7, located west of the stream channel, appeared to be the result of clearing the stormwater flow area.

- No unusual odors or stained soils were observed on Parcel 6 or 7.

- Pole-mounted transformers were noted along the parcel boundary that separates Parcel 6 and 7.

- The Placer County Agricultural Commissioner's office did not have records of *Restricted Use Permits*, *Notices of Violation*, or *Cease and Desist Orders* for Parcel 6 and 7.

- Historic land use research dating back to the mid-1900s revealed the subject property supported almond orchards since at least 1951. The orchard has been out of production since at least the 1970s and has been fallow since that time. The rural resident on the south side of the property has been present since at least 1957. Wallace Kuhl and Associates concluded that additional assessment of potential persistent pesticides was not recommended based on the length of time the almond orchard has been out of production, during which residual pesticides would have substantially biodegraded. Previous sampling activities by Wallace Kuhl and Associates for persistent pesticides at similar properties in the vicinity of the subject site have not revealed concentrations of pesticides in soils above hazardous waste or health-based thresholds for residential developments.

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- Wallace Kuhl and Associates concluded that there was no evidence of Recognized Environmental Conditions associated with Parcels 6 and 7.

Environmental Site Assessment Almond Ranch, Placer County, California prepared by Wallace Kuhl and Associates, Inc., WKA NO. 5373.03 dated June 6, 2003. The Almond Ranch Assessment appears to have been conducted as an addendum to the PFE 36 Acres and PFE 14 Acre Property reports. The property assessed during this ESA matches the property boundaries associated with Parcel 17 (9711 Oly Lane). In summary, the following findings were included in the report:

- The parcel supported a rural residence, storage shed, two horse and livestock shelters, irrigated pasture and natural grass grazing land for horses. Numerous stored items were observed on the site including two riding lawnmowers, a horse trailer, gardening supplies and tools, five small asphalt dispensers, three lawn seed/fertilizer dispensers, a couch, an out of service car, a go cart, motorcycle, truck, two swamp coolers, four laundry dryers, two tire casings, wood scraps, wood panes, piles of leaves, branches and lawn clippings, stacks of clay "S" roof tiles, a pile of broken roof tiles, a large pile of discarded plastic plant containers, nine garbage containers and 55-gallon drums of domestic trash and gardening debris, barbed wire, wheel barrow, tarps, wire mesh, and bas and boxes of trash and debris. A commercial truck containing roofing materials, furniture and other domestic items was also observed. Wallace Kuhl and Associates observed no unusual odors or stained soils.

- A single water supply well was noted north of the residence with in the main horse yard. Two water-pressure holding tanks were observed near the well. Wallace Kuhl and Associates observed no unusual odors or stained soils at the location of the well.

- The Placer County Agricultural Commissioner's office did not have records of *Restricted Use Permits*, *Notices of Violation*, or *Cease and Desist Orders* for Parcel 17.

- Historical resources reviewed reveal the parcel supported a small almond orchard on the eastern portion in the 1950s. Subsequent to the orchard, the property was used for dry-farmed crops and natural grass grazing land. The rural residence on the southwest side of the property had been developed since at least 1981. Wallace Kuhl and Associates concluded that additional assessment of potential persistent pesticide was not recommended based on the length of time the almond orchard has been out of production, during which residual pesticides would have substantially biodegraded. Previous

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sampling activities by Wallace Kuhl and Associates for persistent pesticides at similar properties in the vicinity of the subject site have not revealed concentrations of pesticides in soils above hazardous waste or health-based thresholds for residential developments.

- Wallace Kuhl and Associates concluded that there was no evidence of Recognized Environmental Conditions associated with Parcel 17.

5.7. PRELIMINARY TITLE REPORT

A Chain of Title Report or Preliminary Reports were not provided to Kleinfelder, Inc. for review prior to production of this report. Preliminary Title and Chain of Title documents may provide information about land including ownership and other interests in the land, easements, and liens. Not all liens, defects, and encumbrances affecting title to the land may be included on the Preliminary Report.

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6 SITE RECONNAISSANCE

6.1. METHODOLOGY AND LIMITING CONDITIONS

A representative from Kleinfelder, Ms. Christina Ryan, conducted a site reconnaissance on January 4, 2005 to assess and photograph present site conditions. The approximate site boundaries are shown on Plate 2, "Site Map," and color photographs of the site are presented on Plate 3. The site conditions discussed below are limited to readily apparent environmental conditions observed. Ms. Ryan was unable to access the southwestern portion of Parcel 2 due to flowing water through the intermittent streams that border the portion (see Plate 2, Site Map). Observations were made from the banks of the intermittent streams. Also, Kleinfelder did not have access to the interior of trailers and the residence on Parcel 7.

6.2. GENERAL SITE SETTING

Parcel 2: Parcel 2 was vacant of structures at the time of Kleinfelder's site reconnaissance. A storm drain vault and associated piping was observed extending from the roadway on the southeast corner of the Parcel 2. The storm drain, which appears to collect stormwater runoff from the residential subdivision north of the site, discharges to the main drainage that flows through Parcel 2. Wood debris and piles of dirt were noted along the southern boundary of the site. The source of the dirt is not known, however may be associated with construction of the subdivision south of the site (i.e. swimming pools). Wood, lawn clippings, and planted trees and vegetation were noted along the southern boundary. Depressions associated with the unimproved roadways noted in the 1951 topographic map were apparent during the site reconnaissance.

Parcel 17: Parcel 17 was vacant of structures at the time of Kleinfelder's site reconnaissance. Evidence of demolition activities (i.e. construction fencing, plywood, fence posts, metal wire) was noted at the location of the former structures noted onsite. The former structure location was bordered with eucalyptus trees. A SMUD electrical utility box was observed near the location of the former residence. Also, noted within the former residence location was a pile of wood debris, an abandoned flatbed truck, and several dirt piles. Similar to the dirt piles noted on Parcel 2, the source of the dirt is not known, however may be associated with construction of the subdivision south of the site (i.e. swimming pools). A depression noted near the center of the former structure area might be/may have been the location of a septic tank onsite. Partially buried piping was noted across the driveway, the texture of the piping suggests that it may be Transite pipe, an

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asbestos containing material. A berm located near the center of the site may be associated with additional irrigation piping.

Properties located adjacent north of Parcel 17 appear primarily rural residential with the exception of an apparent construction storage yard. Items observed in the storage yard included vehicles, cones, straw wattle, asphalt dispensers, mobile tanks, and 2 steel-above ground storage tanks (ASTs). The steel tanks were located approximately 500 feet north of the site border. Obvious evidence of a release of materials stored of formerly stored near the border of the property was not noted.

Parcel 6: Parcel 6 appeared relatively vacant at the time of Kleinfelder's site reconnaissance and may have been formerly cultivated as a flower or vegetable garden. A pole-mounted transformer observed near the border of Parcel 6 and Parcel 7 was not labeled as to its PCB content. The transformer appeared old, however, obvious evidence of a release was not observed.

Parcel 7: A single residential structure was noted in the southeastern portion of Parcel 7. Additional structures noted on Parcel 7 included a small barn used to house livestock and chickens, several storage sheds, and multiple trailers. An inactive well was observed south of the residence, the property is presently on city water. The tenant on the property operates an electrical repair company. A shed constructed of plywood, a concrete floor, and corrugated metal roof is used to store tools, electrical parts, and a four-wheeler. The floor of the shed appeared in good condition and staining was not observed. Several vehicles and boats were observed stored in the vicinity of structures on the property. A burn pile and an apparent 55-gallon drum used for burning was observed north of the residence. Contents of the burn pile did not appear hazardous. Items observed stored on the site included: PVC Piping, furniture, roof tiles, buckets of paint and motor oil, and a gas can. Several small propane tanks were observed onsite associated with the trailers that appear to be actively used onsite. Obvious evidence of soil staining was not noted. The remainder of Parcel 7 appeared relatively unused. Old almond trees associated with past land use as an almond orchard was observed throughout the property.

Site observations are further described in Table 11.

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6.3. SITE OBSERVATIONS

TABLE 11
SITE OBSERVATIONS

General Observations	Remarks	Observed	Not Observed
Current Use	Parcel 17 and Parcel 2 are presently vacant of aboveground structures. Parcels 6 and 7 are a rural residence and the site of an electric repair business operated by the tenant of the property.	X	
Past Use	Parcels 6, 7, and 17, were formerly used for rural residential activities, including livestock grazing and orchards.		X
Structures	No structures were observed on Parcels 2, 6, and 17. A single residential structure was noted in the southeastern portion of Parcel 7. Additional structures noted on Parcel 7 included a small barn used to house livestock and chickens, several storage sheds, and multiple trailers.	X	
Terrain	Gently rolling hills. The terrain generally slopes towards drainages that flow through Parcels 2 and 17 and Parcel 7.	X	
Interior and exterior observations or environmental conditions that may involve the use, storage, disposal or generation of hazardous substances or petroleum products.		**Observed**	**Not Observed**
Aboveground storage tank (AST)			X
Asbestos and lead	Based on the anticipated date of construction of the structures located on Parcel 7 (prior to 1980), the structures may contain asbestos containing building materials or lead based paint. Partially buried piping was noted across the driveway of Parcel 17. The texture of the piping suggests that it may be Transite pipe, an asbestos containing material. A berm located near the center of the parcel may be associated with additional irrigation piping.	X	

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TABLE 11 (Continued)
SITE OBSERVATIONS

Interior and exterior observations or environmental conditions that may involve the use, storage, disposal or generation of hazardous substances or petroleum products.		Observed	Not Observed
Below grade vaults			X
Burned or buried debris	A burn pile was noted north of the residence on Parcel 7. A 55-gallon steel drum located near the burn pile appeared to also be used for burning. The contents of the burn pile and the drum did not appear hazardous.	X	
Chemical storage or agricultural chemical mixing areas			X
Discolored soil or water			X
Drains and piping	A stormdrain extending from the roadway south of Parcel 2 appeared to discharge to a drainage that flows through the site towards Dry Creek. Subsurface irrigation piping was observed beneath a driveway on Parcel 17. See discussion above in "Asbestos and lead." Irrigation piping was observed discarded on the inaccessible portions of Parcel 2. PVC Piping associated with electrical repair activities were observed stored east of the workshop. Also, piping similar to the PVC pipes observed stored near the workshop was observed south of a trailer extending from the ground near lawn furniture. The obvious purpose of the pipe was not known.	X	
Drums	A single 55-gallon drum was observed north of the residence on Parcel 7. The drum appeared to be used for burning and the contents did not appear hazardous.	X	

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TABLE 11 (Continued)
SITE OBSERVATIONS

Interior and exterior observations or environmental conditions that may involve the use, storage, disposal or generation of hazardous substances or petroleum products.		Observed	Not Observed
Electrical equipment (Polychlorinated biphenyls [PCBs])	Pole mounted transformers were observed at two locations: Parcel 17 and between Parcels 6 and 7. The transformer on Parcel 17 was labeled non-PCB. The other transformer was not labeled as to its PCB-content. A SMUD electrical utility meter associated with former structures was observed on Parcel 17.	X	
Fill dirt from an unknown source.	Soil piles were observed along the southern portion of Parcels 2 and 17. The dirt piles may be associated with construction of the subdivision south of the site (i.e. swimming pools). Odors were not noted in the vicinity of the dirt piles, which were covered in vegetation.	X	
Hazardous chemical and petroleum products in connection with known use.	Small propane tanks were noted on Parcel 6 associated with actively used trailers on the site. A 2.5 gallon bucket of gasoline was observed stored near the workshop. Approximately 2-5 gallon buckets of latex paint were observed stored beneath a boat. Also observed at this location was a small canister of motor oil.	X	
Hazardous chemical and petroleum products in connection with unknown use.			X
Hazardous Waste Storage			X
Heating and Cooling System	An HVAC system was noted on the west side of the residence on Parcel 7.	X	
Industrial waste treatment equipment			X
Loading and unloading areas			X

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TABLE 11 (Continued)
SITE OBSERVATIONS

Interior and exterior observations or environmental conditions that may involve the use, storage, disposal or generation of hazardous substances or petroleum products.		Observed	Not Observed
Odors			X
Pits, Ponds, or Lagoons	A ponded area was noted near the location of former structures on Parcel 17. The ponded area was formed by the apparent damming of the drainage that flows through the Parcel and Parcel 2. A second ponded area was noted in the northern portion of Parcel 7. Again, the ponded area is associated with the drainage that flows through the site.	X	
Pools of Liquid			X
Process waste water			X
Raw material storage or chemical storage areas			X
Sanitary System (Sewer)			X
Septic system (Tank and leach fields)	The residence on Parcel 7 is reportedly (Wallace Kuhl and Associates) connected to a septic tank. Sanitary waste from the trailers on the site may be discharged to the septic system. A septic tank may have been associated with the former structures on Parcel 17. The structures have been demolished. A depression near the location of the former structures may be associated with the possible former septic tank location.	X	
Soil piles	See "Fill dirt from an unknown source."	X	

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TABLE 11 (Continued)
SITE OBSERVATIONS

Interior and exterior observations or environmental conditions that may involve the use, storage, disposal or generation of hazardous substances or petroleum products.		Observed	Not Observed
Solid Waste	Parcel 2: Irrigation piping, wood debris, and inert discarded trash (i.e. beverage cans, wrappers). Parcel 17: Piles of construction fencing, wood debris, wood fence posts, and barbed wire were observed near the location of former structures. In addition, an abandoned flat bed truck was observed at this location. Parcel 7: PVC Piping, furniture, roof tiles, large quantities of wood, and plastic buckets.	X	
Stained pavement or concrete			X
Stains or corrosion (interior)			X
Storm basins/catch			X
Stormdrains	A stormdrain was observed discharging to the drainage that flows through Parcels 17 and 2. The stormdrain vault was observed above grade.	X	
Stressed vegetation			X
Sumps & clarifiers			X
Surface water	Drainages were observed on Parcels 2, 7, and 17.	X	
Underground storage tanks			X
Unidentified substance containers			X
Waste Water			X
Water supplies (potable and process)	The residence and structures on Parcel 7 are reportedly on city water. An inactive water supply well was observed south of the residence.	X	

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TABLE 11 (Continued)
SITE OBSERVATIONS

Interior and exterior observations or environmental conditions that may involve the use, storage, disposal or generation of hazardous substances or petroleum products.		Observed	Not Observed
Wells (irrigation, monitoring, or domestic)	An inactive water supply well was observed south of the residence on Parcel 7.	X	
Wells (dry)			X
Wells (Oil and Gas)			X

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7 INTERVIEWS

Foothill Associates did not provide Kleinfelder with the names of "key site managers". Key site managers may include current or past owners of the site, managers, or current occupants on site. Local government officials were interviewed to obtain further information about environmental enforcement actions pending or ongoing at the site and adjacent facilities, or relevant permits (e.g. building, air quality, well abandonment, etc.) for the site and adjacent facilities. Interviews conducted with local government officials are described in Section 4.3. Copies of telephone conversation records are included in Appendix D.

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8 EVALUATION

Kleinfelder performed this ESA of the subject site in conformance with the scope and limitations of ASTM Practice E1527. The following sections describe Kleinfelder's findings and provide a general background information about the site. Findings include recognized environmental conditions, historically recognized environmental conditions, and deminimus quantities, as applicable to the subject site. Business environmental risk issues are discussed in section 8.3, Deviations. In summary, Kleinfelder's assessment revealed the following information about the subject site:

8.1. BACKGROUND

The site is located in an area of relatively hilly terrain. Land use on site and in the general vicinity appeared to be rural residential and agricultural at the time of Kleinfelder's assessment. A residential subdivision was noted adjacent to the south of the subject site.

Surface elevation of the site is at approximately 120 feet above Mean Sea Level. Depth to groundwater is estimated at approximately 130 to 140 feet below ground surface. The general groundwater depth may be influenced by local pumping, rainfall, and irrigation patterns. The estimated direction of groundwater flow is to the west-northwest.

8.2. FINDINGS AND OPINIONS

Kleinfelder's findings and opinions are based on more detailed information included in Chapters 3 through 7. Findings from the regulatory agency review, historical assessment, site reconnaissance, or interviews that may indicate a "recognized environmental condition" are discussed in this Chapter. A recognized environmental condition is defined as the presence or likely presence of 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. Also included in this Chapter are findings, which although they do not meet the requirements of a "recognized environmental condition", have been included because depending on the level of certainty required by the client, they could result in additional assessment.

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Various regulatory agency published databases or "lists" of businesses and properties that handle hazardous materials or hazardous waste, or are the known location of a release of hazardous substances to soil and/or groundwater were reviewed. Also, Kleinfelder contacted applicable regulatory agencies for reasonably ascertainable and practically reviewable documentation regarding recognized environmental conditions present at the subject site and adjacent facilities: In summary:

- There was no record of hazardous materials stored onsite or a release of a hazardous substance or petroleum product onsite revealed during the regulatory agency review.
- There were no facilities within the ASTM specified radius of the site reported on the EDR Radius Map report, which may adversely affect the site. Further assessment of off-site environmental conditions is not recommended.
- Regional groundwater quality concerns were not revealed through research conducted at local agencies or according to the 2003 Annual Water Quality Report for West Placer County.
- Placer County Building Department records provided to Wallace Kuhl and Associates report a 3,000 gallon septic tank and 150-foot deep water supply well on Parcel 17. These features were not observed during Kleinfelder's site reconnaissance.

The history of the site was reviewed to identify obvious land uses of the site. Historical records were readily available, which covered various years between 1902 and 2002.

- Parcel 2 was depicted as relatively vacant land in historical resources reviewed. Two unimproved roadways were apparent in 1951 topographic map. The purpose of the roadways is not known. Past land use at this location may have included livestock grazing and dry crops.
- Parcel 17 was depicted as relatively vacant in historical resources reviewed until 1984 when rural residential structures were noted in the southwest corner of the site. Past land use on this parcel may have included livestock grazing, dry crops, and an almond orchard. A ponded area noted near the location of the structures was noted during Kleinfelder's site reconnaissance.

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- Parcels 6 and 7 were depicted as relatively vacant until 1949, when an almond orchard was apparent on the Parcels. Rural residential structures were first apparent in the southeastern corner of Parcel 7 in a 1967 topographic map.

Review of historical documents by Wallace Kuhl and Associates reveals that the subject property and vicinity had been used for the production of an almond orchard, dry crops, and livestock grazing. The Placer County Agricultural Commissioner's office reportedly does not have records of *Restricted Use Permits*, *Notices of Violation*, or *Cease and Desist Orders* for the subject property. Wallace Kuhl and Associates reported that previous sampling activities for persistent pesticides at similar properties in the vicinity of the subject site have reportedly not revealed concentrations of pesticides in soil above hazardous waste or health-based thresholds for residential developments.

A representative from Kleinfelder conducted a site reconnaissance to assess and photograph present site conditions. The following site observations were made:

Parcel 16: Structures and wells noted in previous assessments had been removed. With the exception of various piles of dirt and an irregular undulating ground surface, evidence of prior structures were not apparent. An abandoned vehicle was observed in the northern portion of the site. Solid waste including 5-gallon buckets of paint and vehicle fluids, small propane tanks, and compressed gas cylinders, as well as at least 3 discarded 55-gallon drums were observed on the parcel. Two large metal features were observed in the northeastern portion of the site. The function of the features is not known but may be old farm implements. An abandoned vehicle was noted in the north central portion of the property.

Parcel 2: With the exception of piles of dirt, wood debris, and the pile of irrigation piping, Parcel 2 was essentially vacant land. Evidence of the former unimproved roadways was apparent as faint impressions in the topography. A storm drain vault and associated piping was observed extending from the roadway on the southeast corner of the Parcel 2. The storm drain, which appears to collect stormwater runoff from the residential subdivision north of the site, discharges to the main drainage that flows through Parcel 2.

Parcel 17: Structures and a well noted in previous assessments had been removed. Evidence of demolition activities (i.e. construction fencing, plywood, fence posts, metal wire) was noted at the location of the former structures noted onsite. Several piles of dirt, wood debris, and abandoned flat bed truck were observed near the location of former structures onsite. A

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depression noted near the center of the former structure area may have been the location of a septic tank onsite. It is not clear from records regulatory agency records reviewed to date whether the septic tank has been removed from the site. Partially buried piping was noted across the driveway, the texture of the piping suggests that it may be Transite pipe, an asbestos containing material. A berm located near the center of the site may be associated with additional irrigation piping.

Properties located adjacent north of Parcel 17 appear primarily rural residential with the exception of an apparent construction storage yard. Items observed in the storage yard included vehicles, cones, straw wattle, asphalt dispensers, mobile tanks, and 2 steel-above ground storage tanks (ASTs). The steel tanks were located approximately 500 feet north of the site border. Obvious evidence of a release of materials stored of formerly stored near the border of the property was not noted.

Parcel 6: Parcel 6 appeared relatively vacant at the time of Kleinfelder's site reconnaissance and may have been formerly cultivated as a flower or vegetable garden. A pole-mounted transformer observed near the border of Parcel 6 and Parcel 7 was not labeled as to its PCB content.

Parcel 7: A single residential structure was noted in the southeastern portion of Parcel 7. Additional structures noted on Parcel 7 included a small barn used to house livestock and chickens, several storage sheds, and multiple trailers. An inactive well was observed south of the residence, the property is presently on city water. The tenant on the property operates an electrical repair company. Several vehicles and boats were observed stored in the vicinity of structures on the property. Items observed stored on the site included: PVC Piping, furniture, roof tiles, buckets of paint and motor oil, and a gas can. Several small propane tanks were observed onsite associated with the trailers that appear to be actively used onsite. Obvious evidence of soil staining was not noted. The remainder of Parcel 7 appeared relatively unused. Old almond trees associated with past land use as an almond orchard was observed throughout the property.

8.3. DEVIATIONS

An evaluation of business environmental risk associated with the parcel(s) was not included in Kleinfelder's scope of work. The ESA does not incorporate non-scope considerations, such as asbestos-containing materials testing, radon, lead-based paint testing, lead in drinking water testing, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene,

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health and safety, ecological resources, endangered species, indoor air quality, and high voltage power lines.

8.4. CONCLUSIONS AND RECOMMENDATIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 of the subject property. Any exceptions to, or deletions from this practice are described in Chapter 8.3 of this report.

In summary, this assessment has revealed no evidence of recognized environmental conditions in connection with the property except for the following:

- Kleinfelder understands that structures were formerly present in the southwestern portion of Parcel 17. Previous Phase I Environmental Site Assessments of the subject site indicate that two septic tanks are located onsite: one on Parcel 7 associated with the structures on Parcel 7 and one associated with former structures on Parcel 17. It is not clear from files reviewed whether the septic tank on Parcel 17 was decommissioned. Kleinfelder recommends that septic tanks uncovered during future site work and/or grading, be abandoned according to applicable regulations.

- Kleinfelder understands that a water supply well was formerly associated with Parcel 17 according to a Previous Phase I Environmental Site Assessment. Also, an inactive water supply well was observed by Kleinfelder on Parcel 7. Wells may act as conduits for hazardous materials to groundwater. Kleinfelder recommends that any wells onsite be decommissioned according to applicable state and local regulations. If the wells are to be used, we recommend that they be sampled in accordance with their intended use (i.e. Drinking Water Standards).

- Based on estimated date of construction (prior to 1978) of structures observed on Parcel 7, there is the potential for buildings to contain asbestos and/or lead-based paint. In addition, partially buried piping was noted across the driveway of Parcel 17. The texture of the piping suggests that it may be Transite pipe, an asbestos containing material. A berm located near the center of the parcel may be associated with additional irrigation piping. Kleinfelder did not conduct an asbestos or lead-based paint analysis within the scope of work for this assessment. We recommend that appropriate sampling be performed concurrent with site demolition planning as may be required.

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- Soil piles were observed along the southern boundaries of Parcels 2 and 17. The source of the soil piles was not revealed during the course of this assessment. If the client desires a greater level of certainty as to whether the soil is contaminated, soil sampling can be conducted.

- A pole-mounted transformer observed between Parcel 6 and 7 was not labeled as to whether or not it contained polychlorinated biphenyls (PCBs), a hazardous substance. In the event of a release, PG&E would be named the responsible party. Kleinfelder recommends that PG&E be contacted prior to handling or removing the transformers.

Solid waste including household refuse, furniture, a steel drum, wood debris, metal debris, an abandoned flatbed truck, were observed stored at various locations on the subject site. Prior to construction activity, Kleinfelder recommends that the material be removed and segregated for appropriate disposal. If stained or odiferous soils are observed beneath debris piles or during excavation activities, soil samples should be collected and the extent of impact evaluated. Impacted soils, if any, should then be excavated and disposed of at an approved facility. Similarly, should other previously undetected hazardous material be encountered during construction activity, we recommend that the material be assessed, properly removed, and disposed according to applicable state and local requirements.

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9 REFERENCES

1. Environmental Data Resources, Whisper Creek, Report ID: 01321941.1r, December 7, 2004.

2. State of California, Department of Conservation, Division of Oil and Gas, Oil and Gas Field Maps for District 6. (http://www.consrv.ca.gov)

3. Geologic Map of California, State of California Department of Conservation 1977; (Scale: 1 inch = 12 miles).

4. Soil Survey of Placer County, California, United States Department of Agriculture, Soil Conservation Service publication.

Additional sources are referenced separately in the report text.

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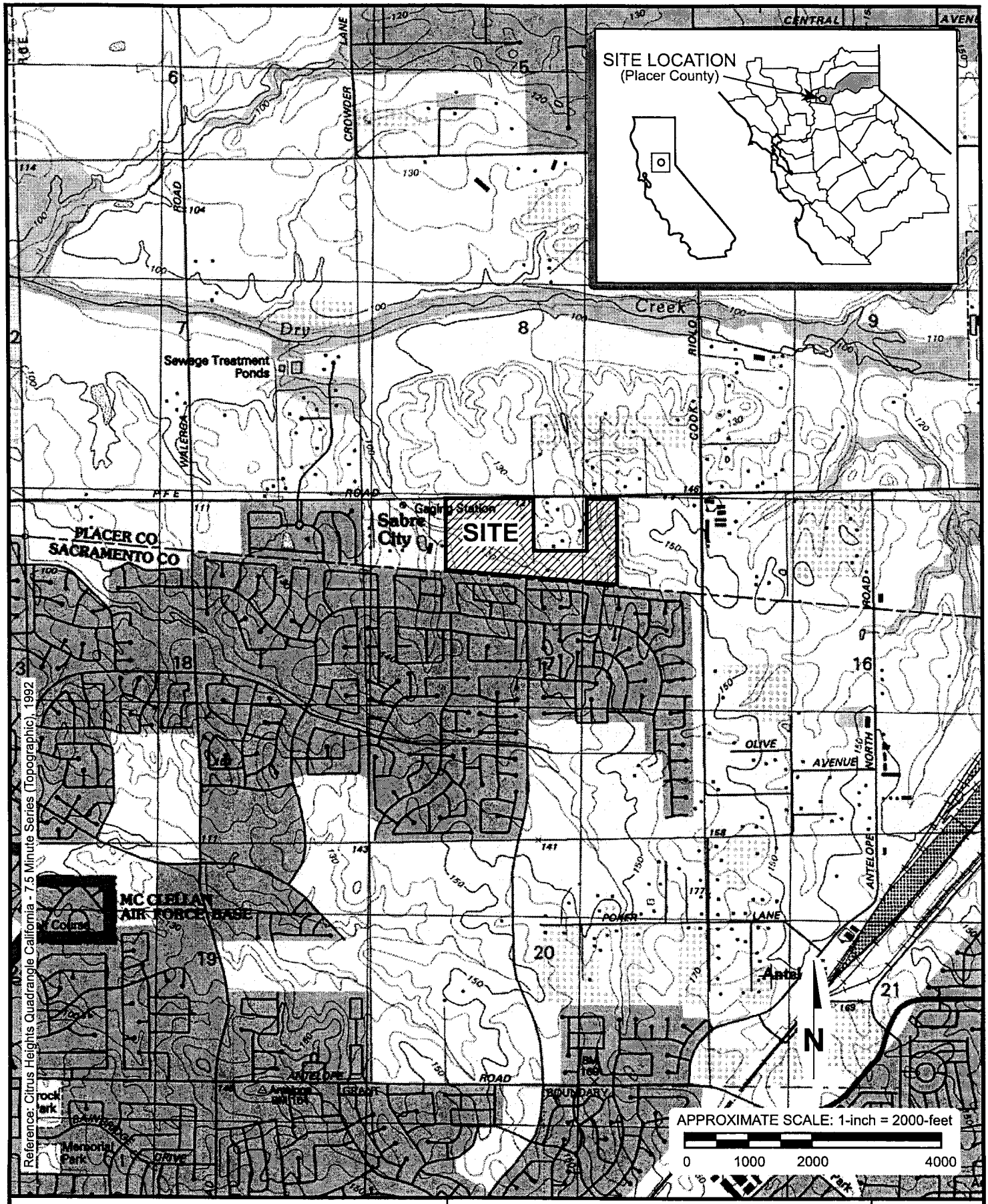
APPENDIX A

PLATES



KLEINFELDER

Drawn By: D. Shelhart
Project No. 52274-1

Date: 1-5-2005
Filename: 3066f.fh10

SITE LOCATION MAP

WHISPER CREEK SUBDIVISION
PFE ROAD
ROSEVILLE, CALIFORNIA

PLATE
1

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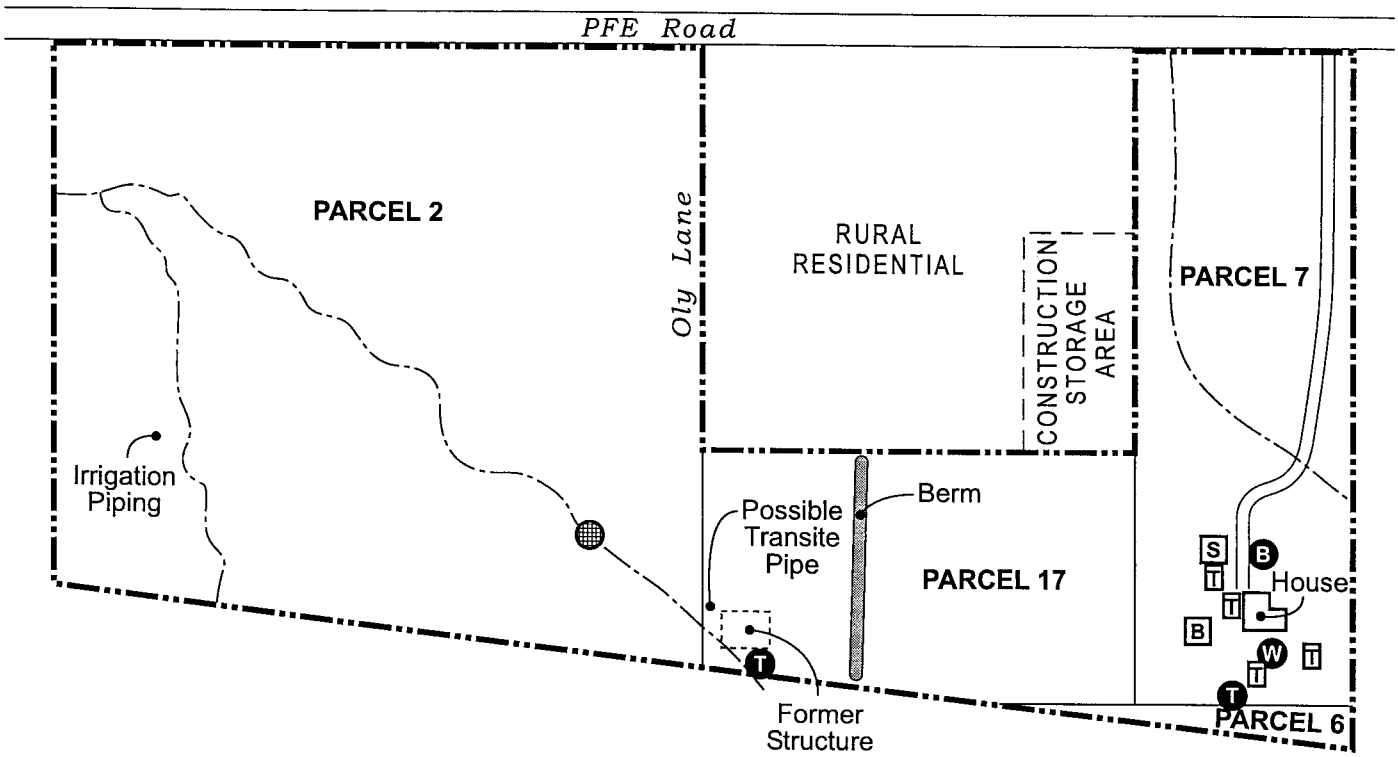

EXPLANATION

- Site Boundary
- Drainage
- Storm Drain
- Barn
- Burn Pile
- Shed
- Trailer
- Transformer
- Well

N

APPROXIMATE SCALE: 1-inch = 400-feet

0 200 400 800

KLEINFELDER

Drawn By: D. Shelhart
Project No. 52274-1

Date: 1-5-2005
Filename: 3066g.fh10

SITE MAP

WHISPER CREEK SUBDIVISION
PFE ROAD
ROSEVILLE, CALIFORNIA

PLATE 2

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Photograph 1: Storm drain vault and associated piping extending from the roadway.

Photograph 2: Drainages observed on Parcel 2. This photo was taken from the center of the site looking from the southwest.

Photograph 3: Small vegetable or flower garden noted during site reconnaissance.

Photograph 4: Remnant almond orchard noted on Parcel 7.

Photograph 5: Burn pile noted north of the residence.

Photograph 6: Paint buckets, roof tiles, and other solid waste stored near a boat on Parcel 7.

KLEINFELDER

Drawn By: D. Shelhart
Project No. 52274-1

Date: 1-18-2005
Filename: 3066h.fh10

SITE PHOTOGRAPHS

WHISPER CREEK SUBDIVISION
PFE ROAD
ROSEVILLE, CALIFORNIA

PLATE

3

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Photograph 7: PVC piping observed on Parcel 7.

Photograph 8: Interior of work area used for the tenants electrical repair business.

Photograph 9: Propane tanks associated with trailers parked onsite.

Photograph 10: Interior of barn on Parcel 7. Discoloration on floor is a result of recent rain.

Photograph 11: Residence observed on Parcel 7.

Photograph 12: Inactive water supply well observed on Parcel 7.

KLEINFELDER

Drawn By: D. Shelhart
Project No. 52274-1

Date: 1-18-2005
Filename: 3066i.fh10

SITE PHOTOGRAPHS

WHISPER CREEK SUBDIVISION
PFE ROAD
ROSEVILLE, CALIFORNIA

PLATE

4

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Photograph 13: Suspect transite pipe observed at the driveway of Parcel 17.

Photograph 14: Fence posts and metal wire observed near the location of former structures.

Photograph 15: Soil piles near the southern portion of the site.

Photograph 16: Construction equipment observed on the parcel adjacent to the north of the site.

KLEINFELDER

Drawn By: D. Shelhart
Project No. 52274-1

Date: 1-18-2005
Filename: 3066j.fh10

SITE PHOTOGRAPHS

WHISPER CREEK SUBDIVISION
PFE ROAD
ROSEVILLE, CALIFORNIA

PLATE

5

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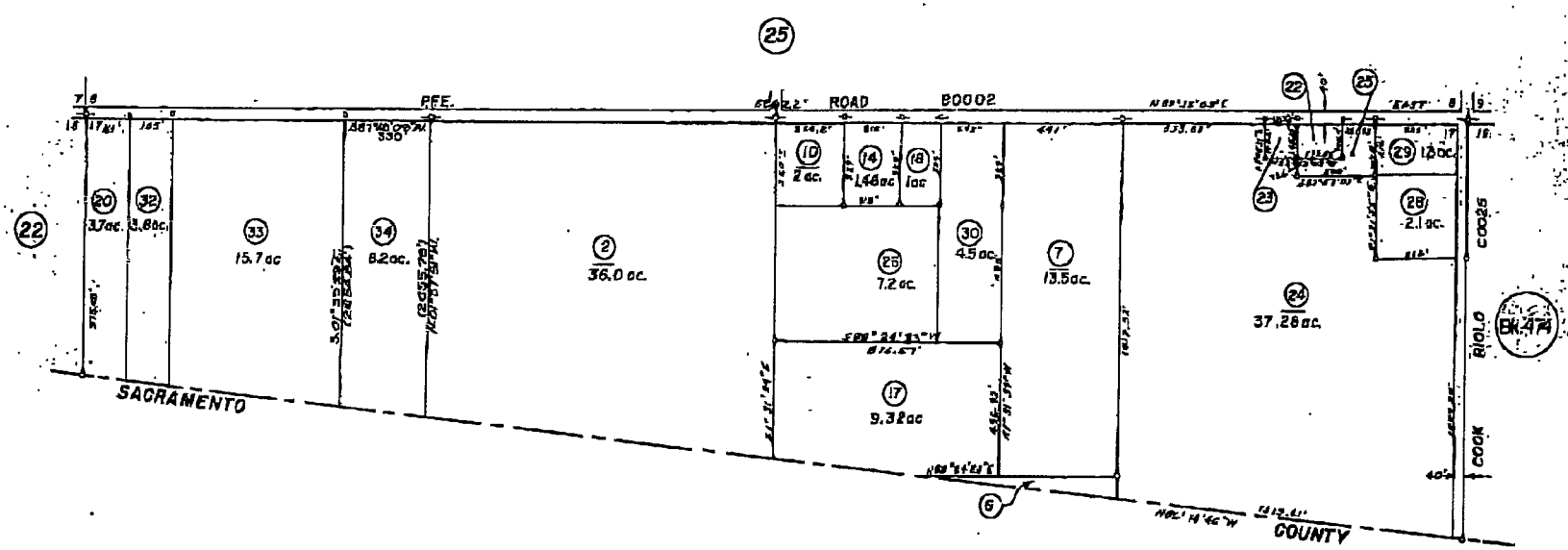
APPENDIX B

HISTORICAL RESEARCH DOCUMENTATION

POR. N½ SEC.17, T.10N. R.6E. M.D.B.&M.

Survey M.O.R. Bk. 1, Pg. 66

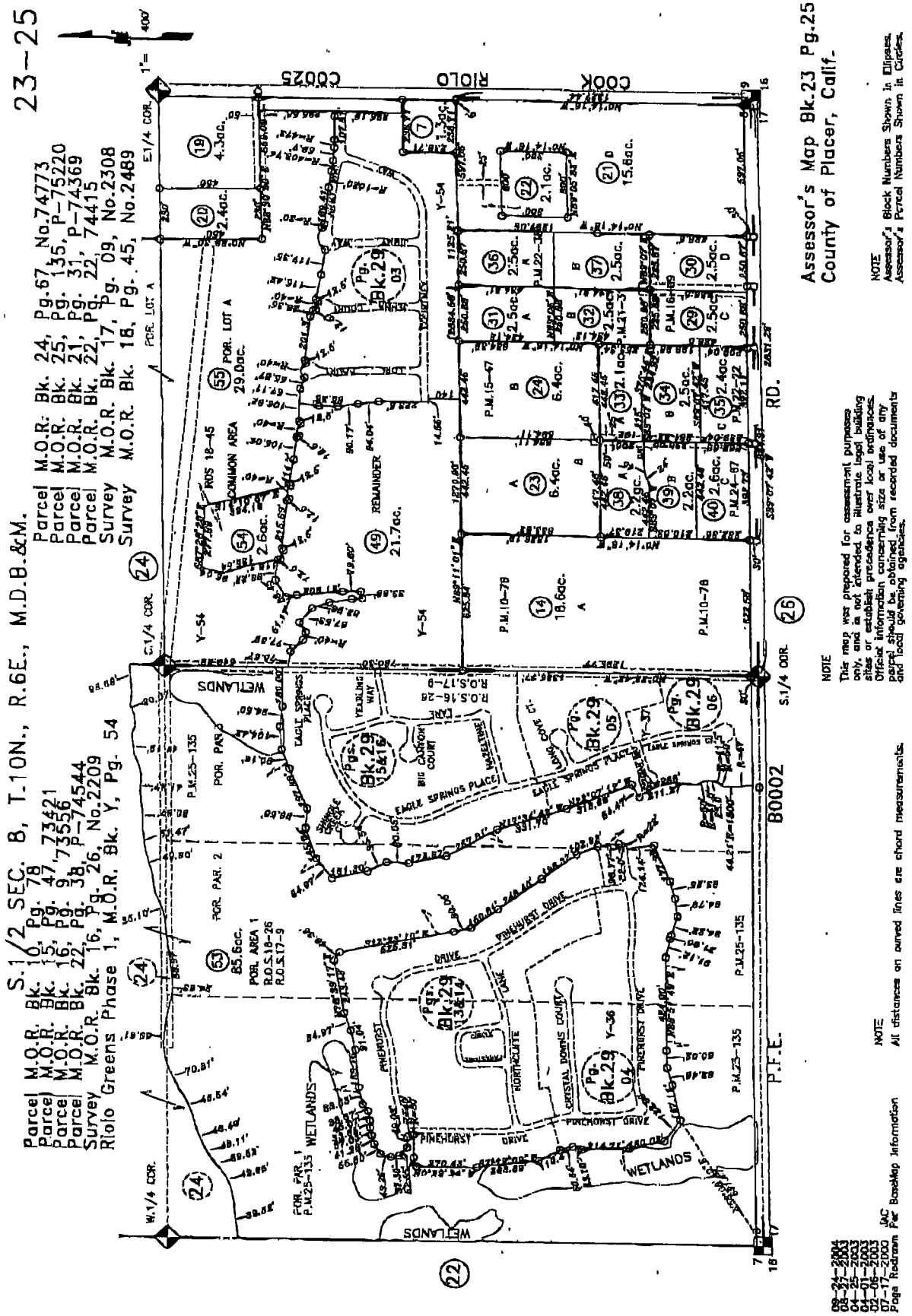
23-26



Assessor's Map Bk.23-Pg.26
County of Placer, Calif.

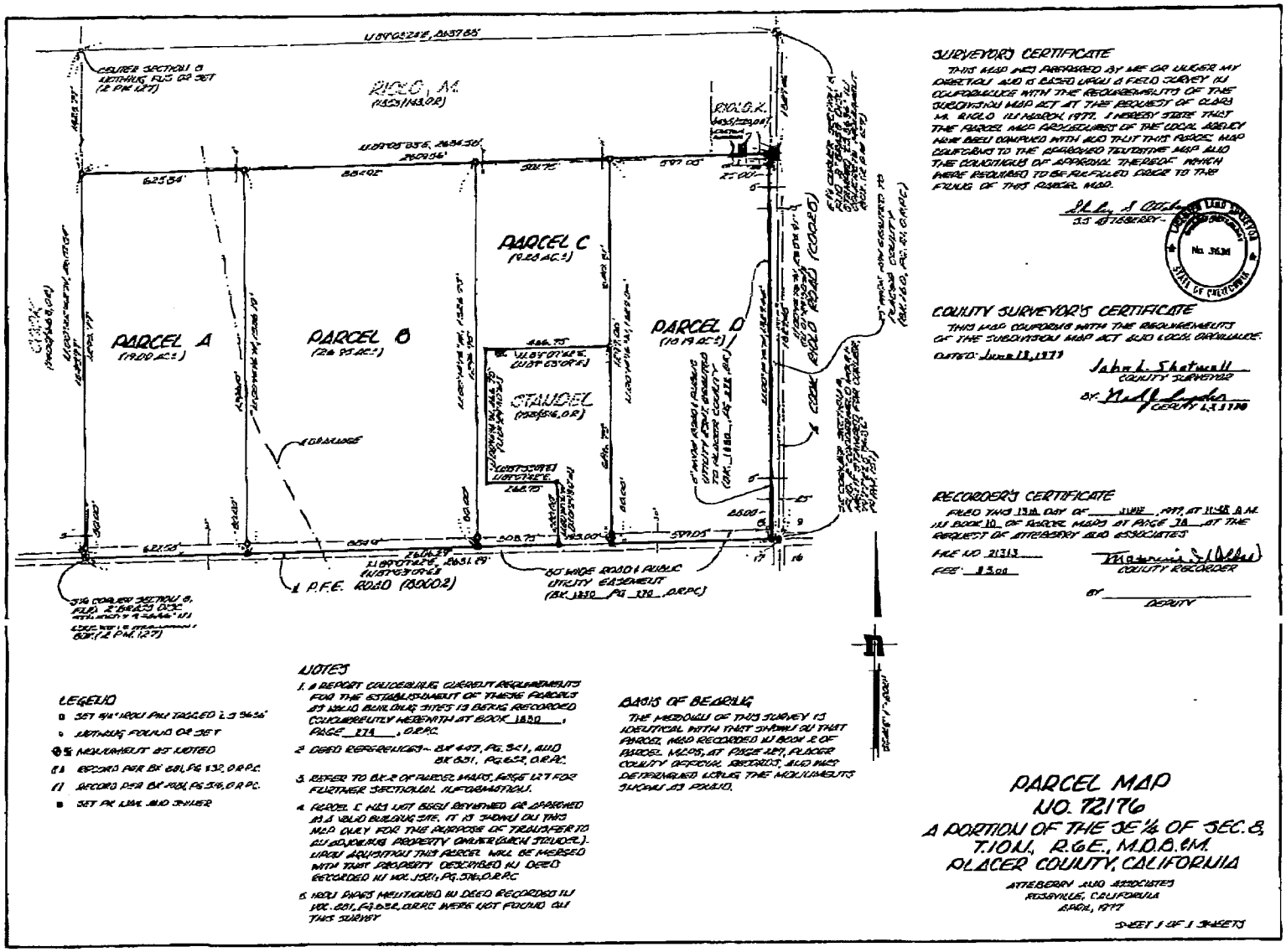
NOTE - ASSESSOR'S BLOCK & LOT NUMBERS SHOWN IN CIRCLES

11-79
1-78
6-68
2-68
8-67



Description: Placer,CA Assessor Map 23.25 Page: 1 of 1
Order: x Comment: 100

BOOK 10 OF PARCEL MAPS, PAGE 78.



SURVEYOR'S CERTIFICATE

THIS MAP WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED UPON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AT THE REQUEST OF CLARK M. ROLD IN MARCH, 1977. I HEREBY STATE THAT THE PARCEL MAP REQUIREMENTS OF THE LOCAL AGENCY HAVE BEEN COMPLIED WITH AND THAT THIS PARCEL MAP CONFORMS TO THE APPROVED TENTATIVE MAP AND THE CONDITIONS OF APPROVAL THEREOF, WHICH WERE REQUIRED TO BE FULFILLED PRIOR TO THE FILING OF THIS PARCEL MAP.

[illegible] A. Attebery
JAMES ATTEBERY

No. 3634
STATE OF CALIFORNIA

COUNTY SURVEYOR'S CERTIFICATE

THIS MAP CONFORMS WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCE.

DATED: June 13, 1977

John L. Shotwell
COUNTY SURVEYOR

BY: [illegible]
COUNTY L.S. 3170

RECORDER'S CERTIFICATE

FILED THIS 13th DAY OF June, 1977, AT 11:48 A.M. IN BOOK 10 OF PARCEL MAPS AT PAGE 78 AT THE REQUEST OF ATTEBERRY AND ASSOCIATES

FILE NO. 21313

FEE: $3.00

[illegible]
COUNTY RECORDER

BY _____
DEPUTY

LEGEND

- SET 3/4" IRON PIN TAGGED L.S. 3634
- METHANE FOUND OR SET
- MONUMENT AS NOTED
- RECORD PER BK 881, PG 132, O.R.P.C.
- RECORD PER BK 1881, PG 316, O.R.P.C.
- SET PK NAIL AND WASHER

NOTES

1. A REPORT CONCERNING CURRENT REQUIREMENTS FOR THE ESTABLISHMENT OF THESE PARCELS BY ROLD BANK ONLY, TITLES IS BEING RECORDED CONCURRENTLY HEREWITH AT BOOK 1870, PAGE 274, O.R.P.C.
2. DEED REFERENCES – BK 447, PG. 321, AND BK 881, PG. 632, O.R.P.C.
3. REFER TO BK. 2 OF PARCEL MAPS, PAGE 127 FOR FURTHER SECTIONAL INFORMATION.
4. PARCEL C HAS NOT BEEN APPROVED OR APPROVED AS A VALID BUILDING SITE. IT IS SHOWN ON THIS MAP ONLY FOR THE PURPOSE OF TRANSFER TO AN ADJOINING PROPERTY OWNER (JACK STAUDEL). UPON ACQUISITION THIS PARCEL WILL BE MERGED WITH THAT PROPERTY DESCRIBED IN DEED RECORDED IN VOL. 1981, PG. 316, O.R.P.C.
5. IRON PINS MENTIONED IN DEED RECORDED IN VOL. 881, PG. 632, O.R.P.C. WERE NOT FOUND ON THIS SURVEY

BASIS OF BEARING

THE BEARING OF THIS SURVEY IS IDENTICAL WITH THAT SHOWN ON THAT PARCEL MAP RECORDED IN BOOK 2 OF PARCEL MAPS, AT PAGE 127, PLACER COUNTY OFFICIAL RECORDS, AND WAS DETERMINED USING THE MONUMENTS SHOWN AS FOUND.

PARCEL MAP NO. 72176

A PORTION OF THE SE 1/4 OF SEC. 8, T.10N., R.6E., M.D.B.&M. PLACER COUNTY, CALIFORNIA

ATTEBERRY AND ASSOCIATES
ROSEVILLE, CALIFORNIA
APRIL, 1977

SHEET 1 OF 1 SHEETS

↑ North ↑
ID # BR•CV 11-75
Year: April 4, 1949
Source: USDA, NRCS
Scale: 1"=660'

6-15-71
758
E11
R6E
COOK RIOLO
ROAD
758
A622
See photo
E11
765
A1759
766
A6925
PLACER COUNTY
SACRAMENTO COUNTY
2064
17
↑ North ↑
ID # ABM-2MM-56
Year: June 15, 1971
Source: USDA, NRCS
Scale: 1"=660'

108.8
57.9
65.0
CROWDER
vineyard ROAD
T711
WALLERGRA ROAD
MT8
DRY CREEK
DRY CREEK
PFE ROAD
↑ North ↑
ID # NHAP 84 06061-125
Year: 1984
Source: USDA, NRCS
Scale: 1"=1000'

PFE Road
↑ North ↑
ID # NAPP-6532
Year: 1999
Source: USDA, NRCS
Scale: 1"=660'

EDR™ Environmental Data Resources Inc

"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Christina Ryan
Kleinfelder, Inc.
3077 Fite Circle
Sacramento, CA 95827

Order Date: 12/7/2004 **Completion Date:** 12/7/2004
Inquiry #: 1321941.2
P.O. #: NA
Site Name: Whisper Creek
Address: 3289 PFE Road
City/State: Roseville, CA 95747
Cross Streets:

Customer Project: NA
1023791WIL 916-366-1701

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.

NO COVERAGE

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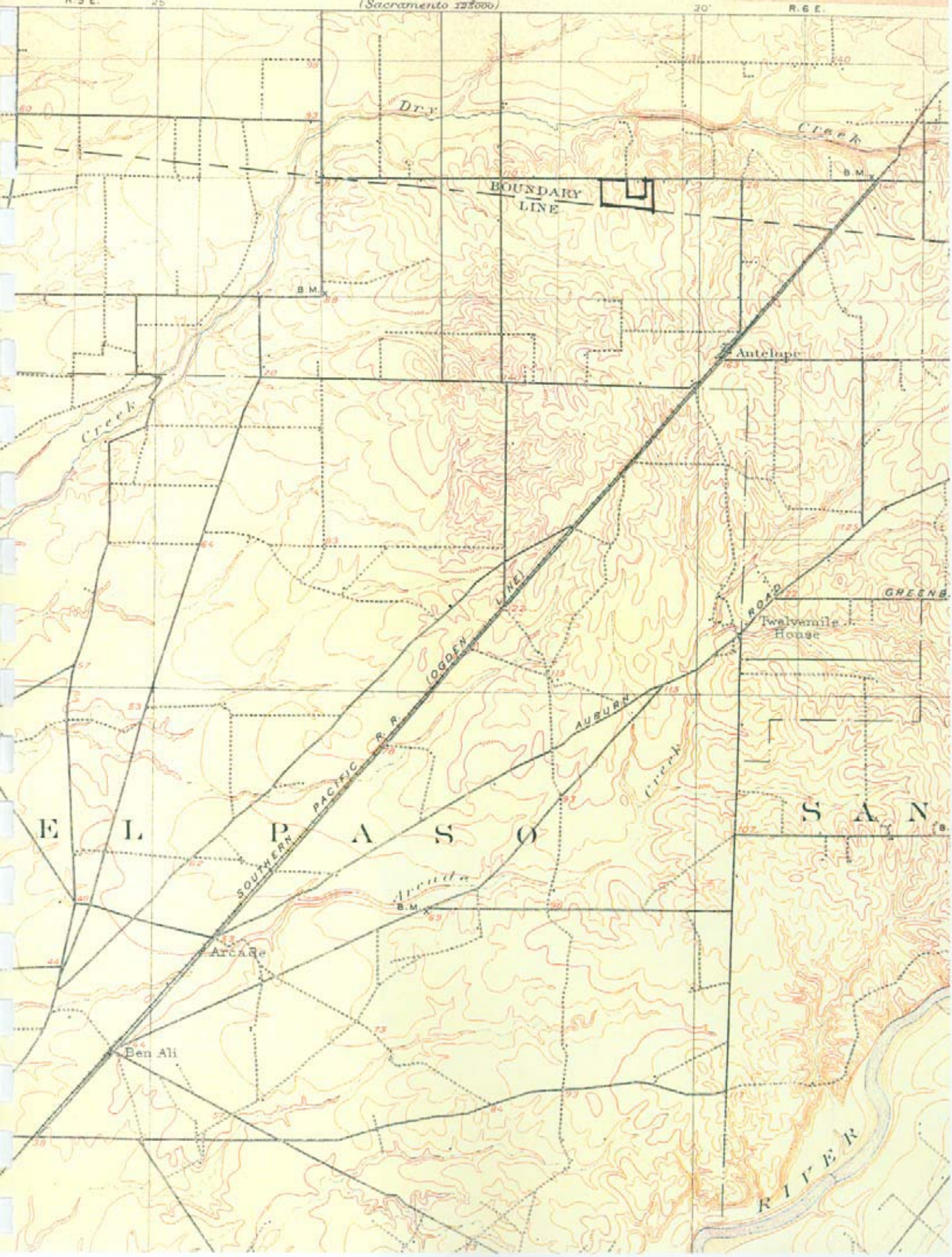

(Sacramento 125000)
R.5 E.
R.6 E.
Dry
Creek
BOUNDARY LINE
B.M.
Antelope
Creek
GREENB
ROAD
Twelvemile House
SOUTHERN PACIFIC R.R. (OGDEN LINE)
AUBURN
Creek
E L P A S O
S A N
Arcadia
Arcade
Ben Ali
RIVER

nquiry Number: 991063-5

P Quad [] Adj Quad [] ↑N

uad FOIE COKS

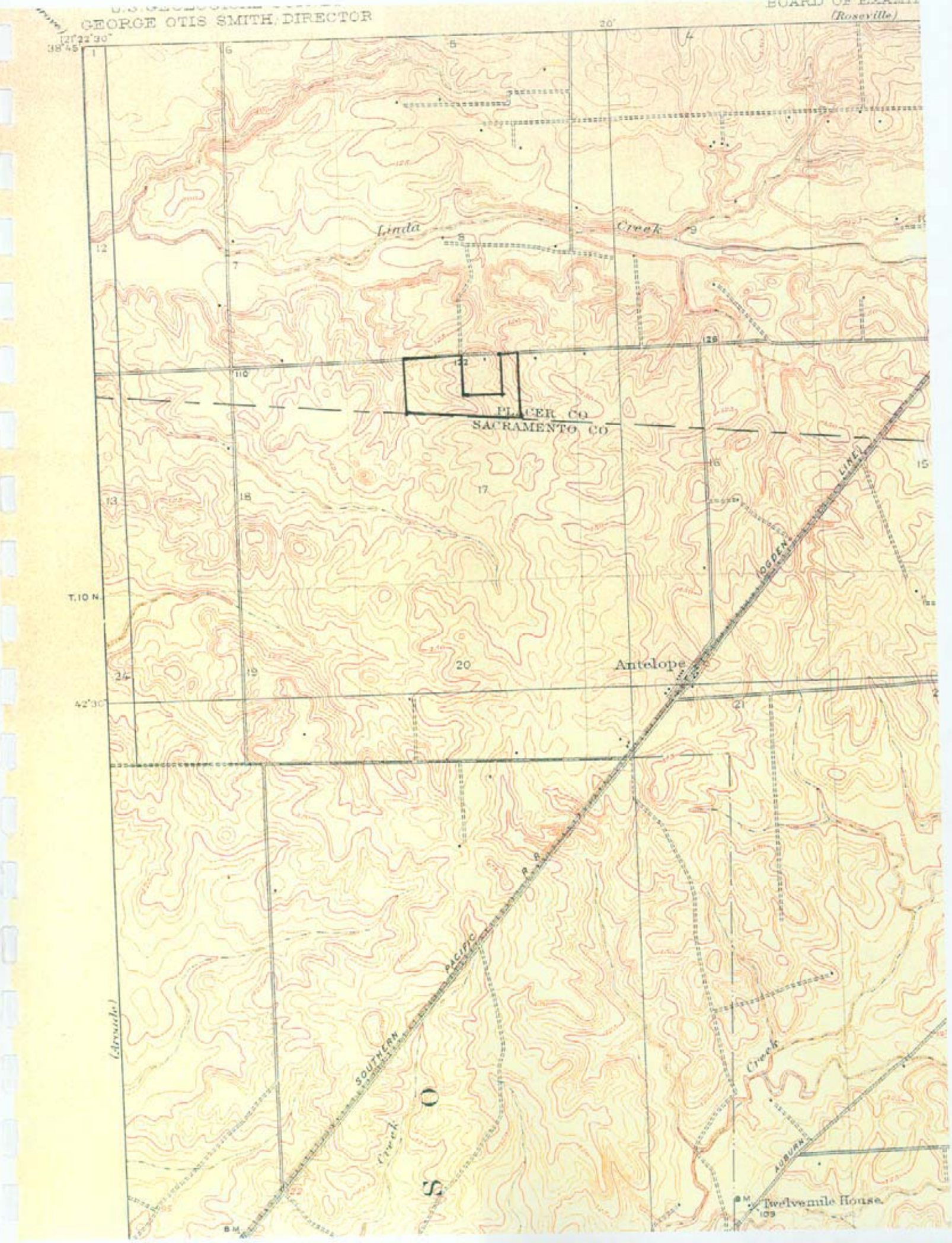
linute Series [] 7.5 [] 15 []30 [] Other

ear 1909

Photorevised []Inspected from

cale [] 1:24,000 [] 1:62,500

[] 1:125,000 [] Other


GEORGE OTIS SMITH, DIRECTOR
(Roseville)
Linda
Creek
PLACER CO
SACRAMENTO CO
T. 10 N.
Antelope
OGDEN
LINE
SOUTHERN
PACIFIC
Creek
AUBURN
Twelvemile House
(Arcade)

Inquiry Number: 991063-5

TP Quad [] Adj Quad [✓] ↑N

Quad Antelope

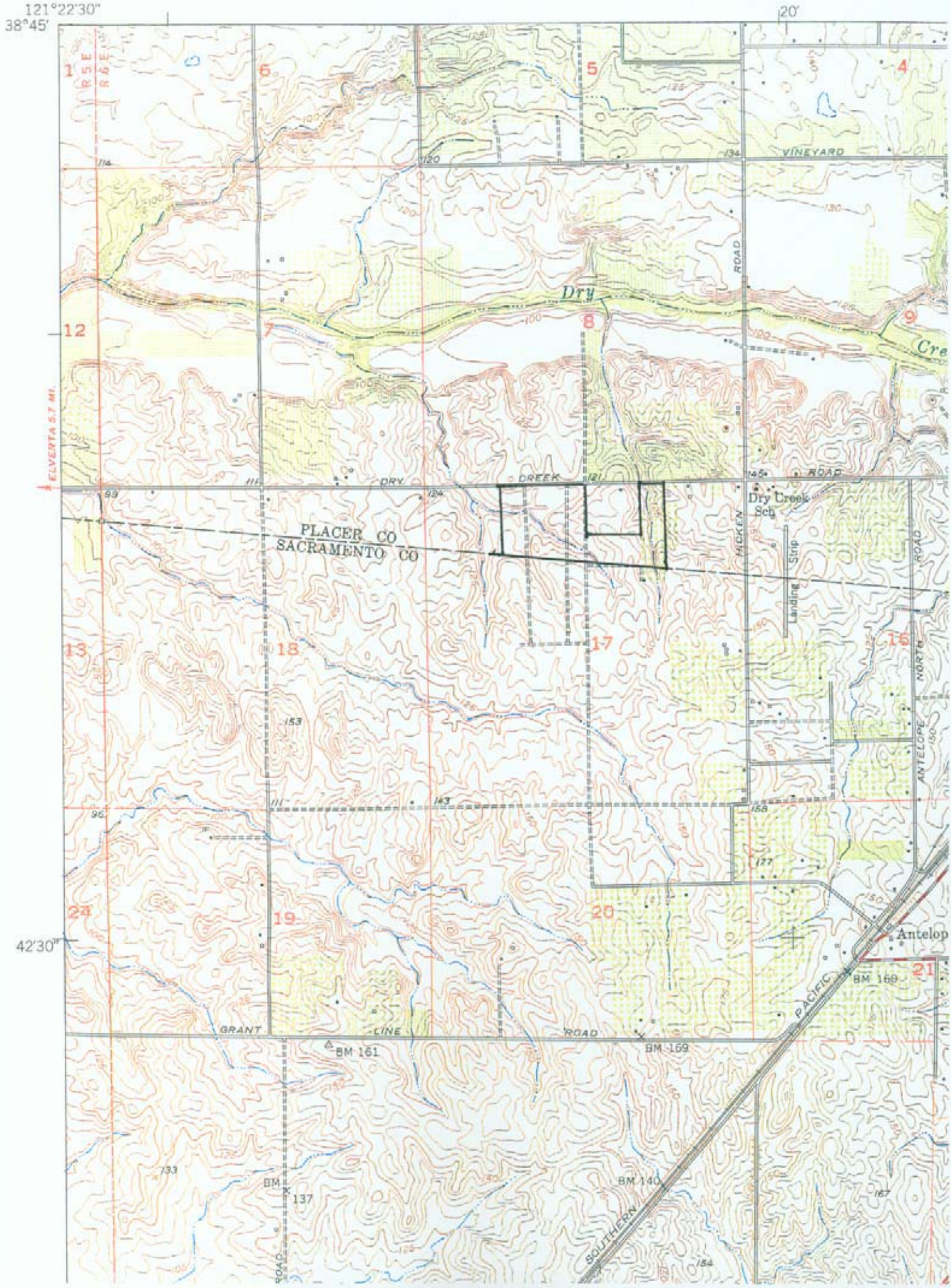
Minute Series [✓] 7.5 [] 15 [] 30 [] Other

Year 1911

[] Photorevised [] Inspected from

Scale [] 1:24,000 [] 1:62,500

[] 1:125,000 [✓] Other 1:31680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38°45'
20'
42'30"
R5E
R6E
VINEYARD
ROAD
Dry
Cre
ELVERTA 5.7 MI.
DRY
CREEK
ROAD
Dry Creek Sch
PLACER CO
SACRAMENTO CO
HICKEN
Landing Strip
ROAD
NORTH
ANTELOPE
Antelop
BM 160
PACIFIC
GRANT
LINE
ROAD
BM 161
BM 169
BM 140
BM 137
SOUTHERN
ROAD

Inquiry Number: _____

TP Quad [] Adj Quad [X] ↑N

Quad Citrus Heights (Formerly Antelope)

Minute Series [X] 7.5 [] 15 [] 30 [] Other _____

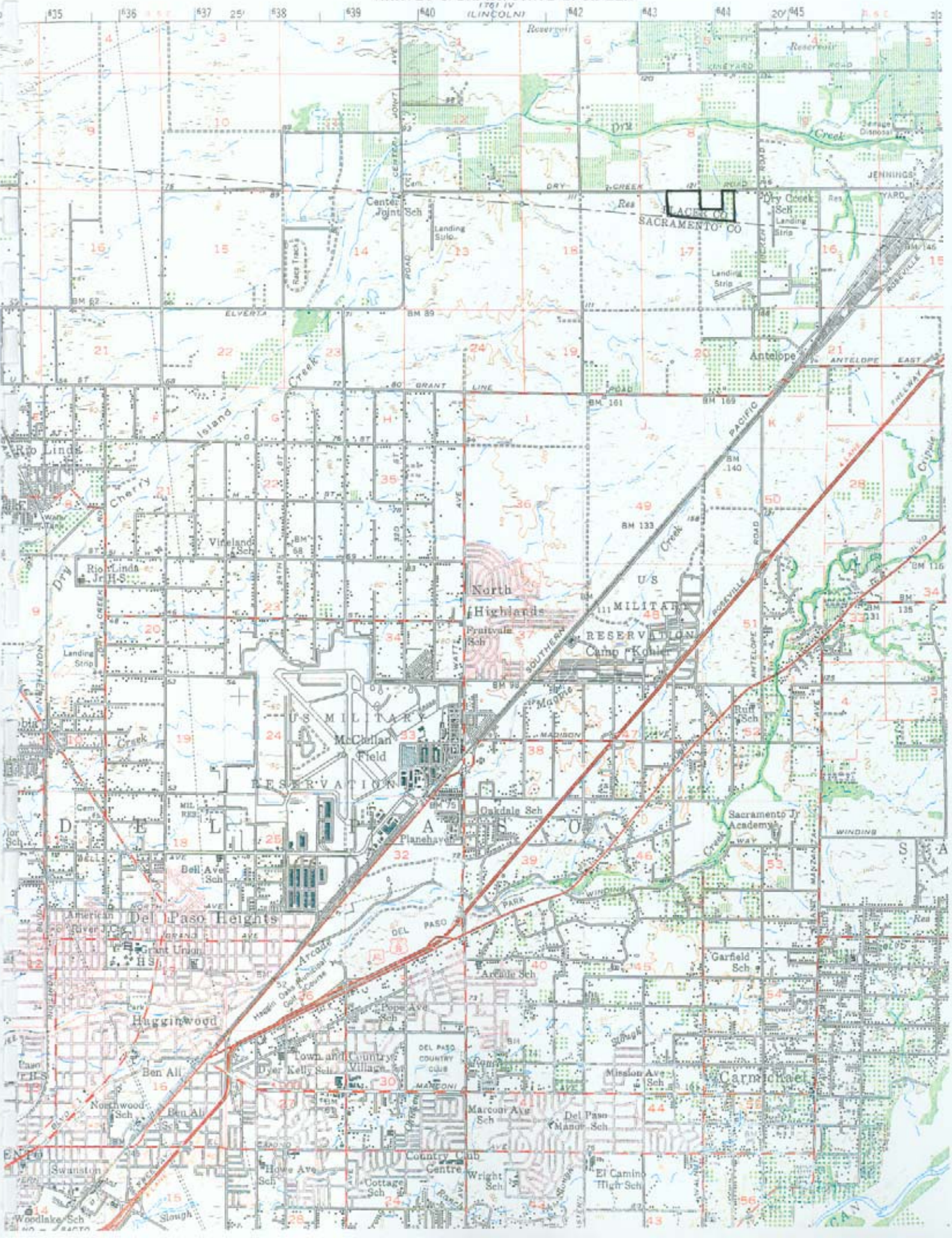
Year 1951

[]Photorevised []Inspected from _____

Scale [X] 1:24,000 [] 1:62,500

[] 1:125,000 [] Other _____

HARVEY O. BANKS, STATE ENGINEER



Inquiry Number: 991063-5

P Quad [✓] Adj Quad [] ↑N

Quad FAIR OAKS

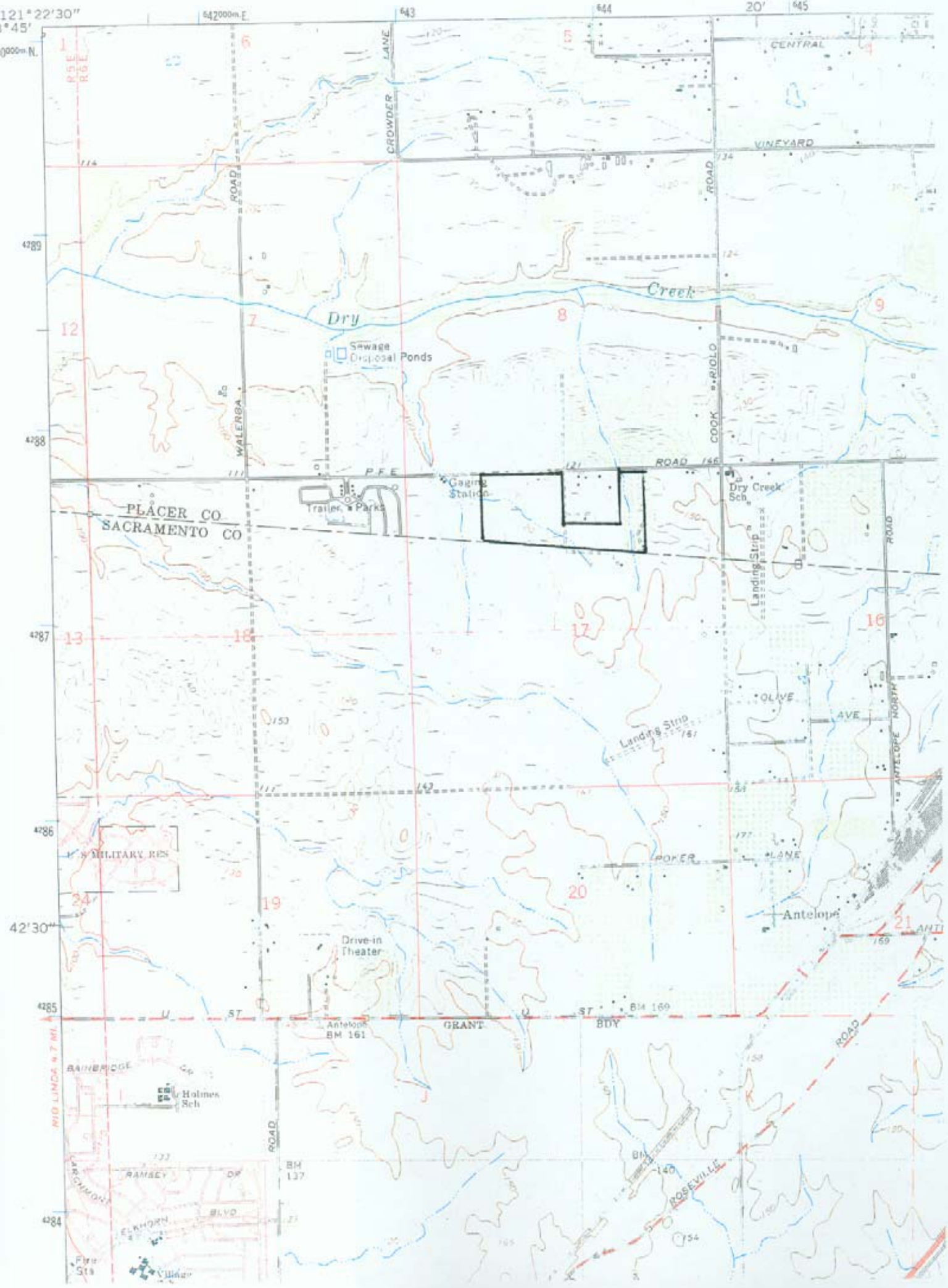
Minute Series [] 7.5 [✓] 15 [] 30 [] Other

Year 1954

Photorevised []Inspected from

Scale [] 1:24,000 [✓] 1:62,500

[] 1:125,000 [] Other


121°22'30"
38°45'
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643
644
20'
645
790000m.N.
R5E
R6E
CENTRAL
VINEYARD
CROWDER LANE
ROAD
Dry Creek
Sewage Disposal Ponds
WALERGA
COOK RIOLO
P.F.E. ROAD
Gaging Station
Trailer Parks
Dry Creek Sch
PLACER CO
SACRAMENTO CO
Landing Strip
OLIVE AVE
ANTELOPE NORTH
U.S. MILITARY RES
POKER LANE
Antelope
42'30"
Drive-in Theater
U ST
GRANT BDY
Antelope BM 161
BM 169
BAINBRIDGE
Holmes Sch
RIO LINDA 4.7 MI.
RAMSEY DR
ELKHORN BLVD
BM 137
ROSEVILLE
Fire Sta
Village

Inquiry Number: 991063-5

TP Quad [] Adj Quad [X] ↑N

Quad Citrus Heights

Minute Series [X] 7.5 [] 15 [] 30 [] Other

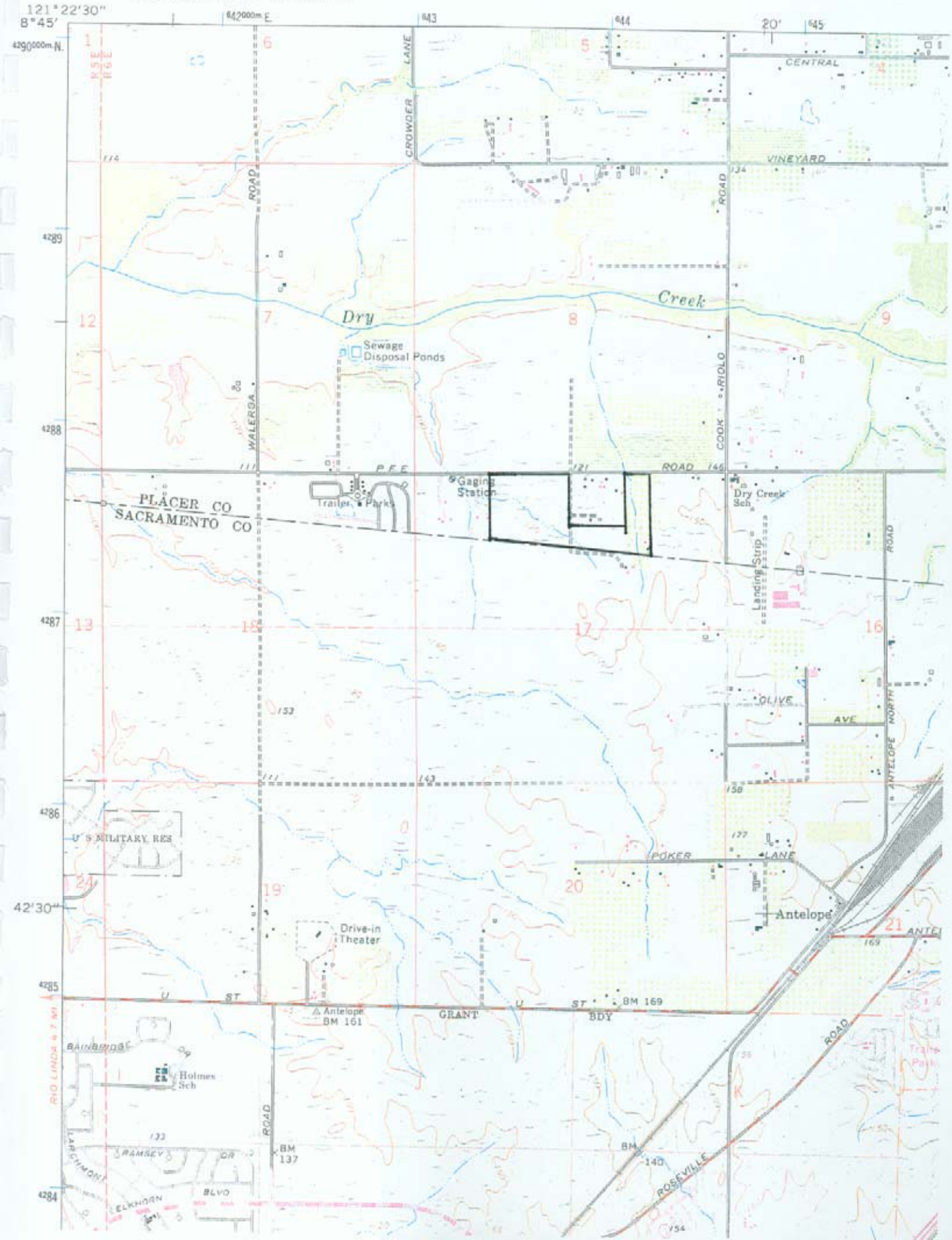
Year 1967

[]Photorevised []Inspected from

Scale [X] 1:24,000 [] 1:62,500

[] 1:125,000 [] Other

GEOLOGICAL SURVEY



Inquiry Number: 991063-5

TP Quad [] Adj Quad [] ↑N

Quad Citrus Heights

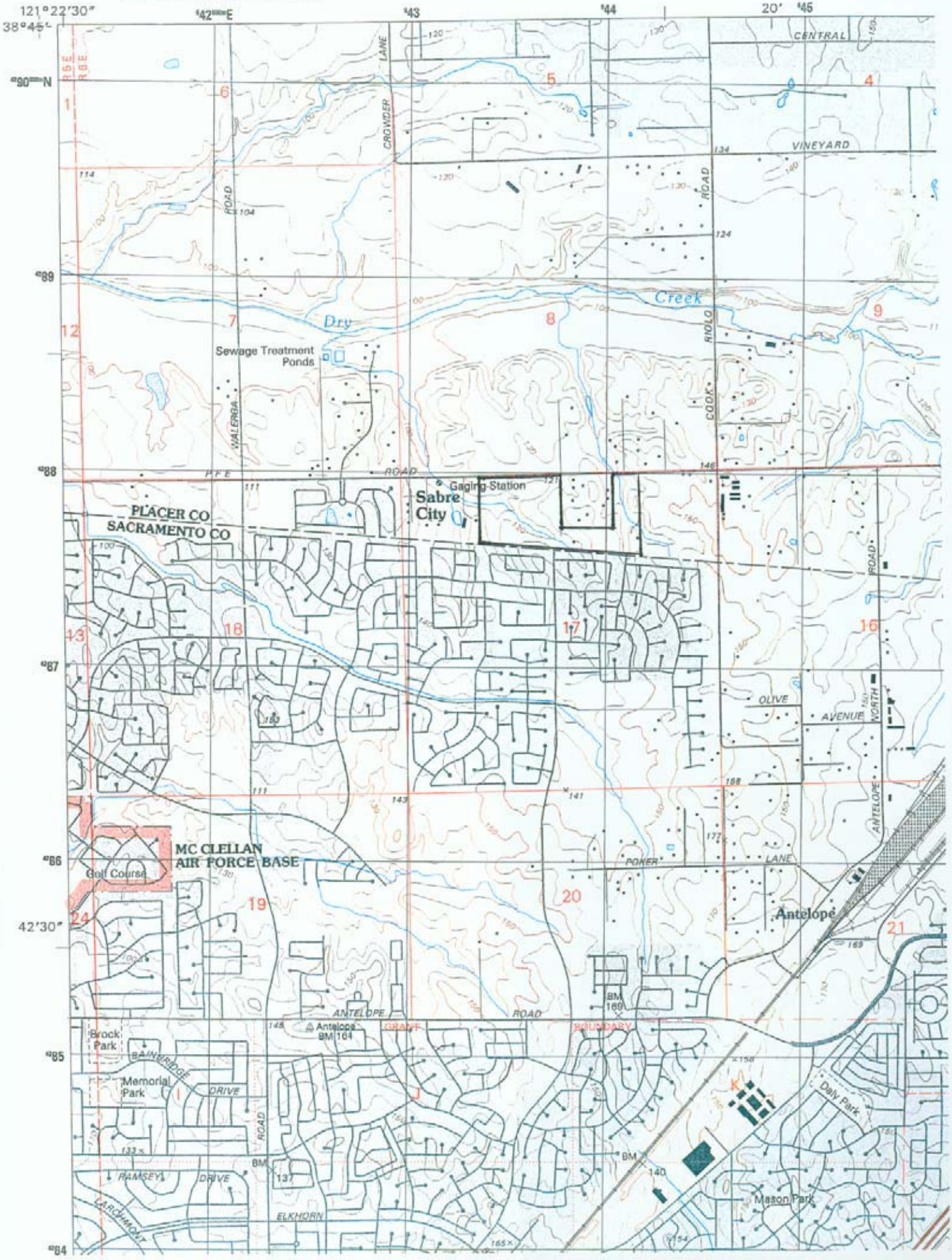
Minute Series [] 7.5 [] 15 [] 30 [] Other

Year 1975

[] Photorevised [] Inspected from 1967

Scale [] 1:24,000 [] 1:62,500

[] 1:125,000 [] Other


121°22'30"
38°45'
42'30"
CENTRAL
VINEYARD
CROWDER LANE
ROAD
RIOLO
COOK
WALERGA
Dry Creek
Sewage Treatment Ponds
PFE ROAD
Gaging Station
Sabre City
PLACER CO
SACRAMENTO CO
OLIVE AVENUE
NORTH
ANTELOPE
POWER LANE
MC CLELLAN AIR FORCE BASE
Golf Course
Antelope
ANTELOPE ROAD
GRANT BOUNDARY
Antelope BM 164
BM 169
Brock Park
BAINBRIDGE DRIVE
Memorial Park
RAMSEY DRIVE
LARCHMONT
ELKHORN
BM 137
BM 140
Daly Park
Mason Park

Inquiry Number: 991063-5

TP Quad [] Adj Quad [X] ↑N

Quad Citrus Heights

Minute Series [X] 7.5 [] 15 [] 30 [] Other

Year 1993

[] Photorevised [] Inspected from

Scale [X] 1:24,000 [] 1:62,500

[] 1:125,000 [] Other

APPENDIX C

REGULATORY/AGENCY RECORDS DOCUMENTATION

The EDR Radius Map
with GeoCheck®

Whisper Creek
3289 PFE Road
Roseville, CA 95747

Inquiry Number: 01321941.1r

December 07, 2004

EDR™ Environmental
Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

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

FORM-WIL

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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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Physical Setting Source Records Searched	A-22

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 meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

3289 PFE ROAD
ROSEVILLE, CA 95747

COORDINATES

Latitude (North):	38.727100 - 38' 43' 37.6"
Longitude (West):	121.346100 - 121' 20' 46.0"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	643770.6
UTM Y (Meters):	4287584.5
Elevation:	140 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	38121-F3 CITRUS HEIGHTS, CA
Source:	USGS 7.5 min quad index

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 ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
CORRACTS..... Corrective Action Report
RCRA-TSDF..... Resource Conservation and Recovery Act Information
RCRA-LQG..... Resource Conservation and Recovery Act Information
RCRA-SQG..... Resource Conservation and Recovery Act Information
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

AWP..... Annual Workplan Sites

Cal-Sites ..... Calsites Database
CHMIRS ..... California Hazardous Material Incident Report System
Notify 65 ..... Proposition 65 Records
Toxic Pits ..... Toxic Pits Cleanup Act Sites
SWF/LF ..... Solid Waste Information System
WMUDS/SWAT ..... Waste Management Unit Database
LUST ..... Leaking Underground Storage Tank Information System
CA BOND EXP. PLAN ..... Bond Expenditure Plan
UST ..... List of Underground Storage Tank Facilities
VCP ..... Voluntary Cleanup Program Properties
INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land
INDIAN UST ..... Underground Storage Tanks on Indian Land
CA FID UST ..... Facility Inventory Database

FEDERAL ASTM SUPPLEMENTAL

CONSENT ..... Superfund (CERCLA) Consent Decrees
ROD ..... Records Of Decision
Delisted NPL ..... National Priority List Deletions
FINDS ..... Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS ..... Hazardous Materials Information Reporting System
MLTS ..... Material Licensing Tracking System
MINES ..... Mines Master Index File
NPL Liens ..... Federal Superfund Liens
PADS ..... PCB Activity Database System
DOD ..... Department of Defense Sites
INDIAN RESERV ..... Indian Reservations
UMTRA ..... Uranium Mill Tailings Sites
ODI ..... Open Dump Inventory
FUDS ..... Formerly Used Defense Sites
RAATS ..... RCRA Administrative Action Tracking System
TRIS ..... Toxic Chemical Release Inventory System
TSCA ..... Toxic Substances Control Act
SSTS ..... Section 7 Tracking Systems
FTTS INSP ..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST ..... Aboveground Petroleum Storage Tank Facilities
CLEANERS ..... Cleaner Facilities
CA WDS ..... Waste Discharge System
DEED ..... List of Deed Restrictions
NFE ..... Properties Needing Further Evaluation
NFA ..... No Further Action Determination
EMI ..... Emissions Inventory Data
REF ..... Unconfirmed Properties Referred to Another Agency
SCH ..... School Property Evaluation Program
CA SLIC ..... Statewide SLIC Cases
CA PLACER CO. MS ..... Master List of Facilities

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas ..... Former Manufactured Gas (Coal Gas) Sites

EXECUTIVE SUMMARY

BROWNFIELDS DATABASES

US BROWNFIELDS..... A Listing of Brownfields Sites
VCP..... Voluntary Cleanup Program Properties

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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

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

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

STATE ASTM STANDARD

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there is 1 Cortese site within approximately 0.75 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
CARRERAS, MANUEL & BETTY	9651 OLY	0 - 1/8 N	1	6

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 HIST UST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
KENCO ENGINEERING INC.	2155 P.F.E. RD.	1/4 - 1/2WNW	A3	7
ROSEVILLE AUTO DISMANTLING	1961 P.F.E. ROAD	1/4 - 1/2WNW	A4	7

STATE OR LOCAL ASTM SUPPLEMENTAL

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

A review of the HAZNET list, as provided by EDR, and dated 12/31/2002 has revealed that there is 1 HAZNET site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
B W AUTO DISMANTLERS	2031 PFE RD	1/8 - 1/4 NNW	2	6

EXECUTIVE SUMMARY

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

Site Name	Database(s)
BERRY STREET MALL - FINGERS LANDFILL	SWF/LF
WILSON C. RILES JUNIOR HIGH SCHOOL	SCH
WEST PLACER ELEM. SCHOOL/MORGAN CREEK	SCH

OVERVIEW MAP - 01321941.1r - Kleinfelder, Inc.

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
- Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Federal Wetlands
- Areas of Concern

N

TARGET PROPERTY:	Whisper Creek	CUSTOMER:	Kleinfelder, Inc.
ADDRESS:	3289 PFE Road	CONTACT:	Christina Ryan
CITY/STATE/ZIP:	Roseville CA 95747	INQUIRY #:	01321941.1r
LAT/LONG:	38.7271 / 121.3461	DATE:	December 07, 2004 8:25 pm

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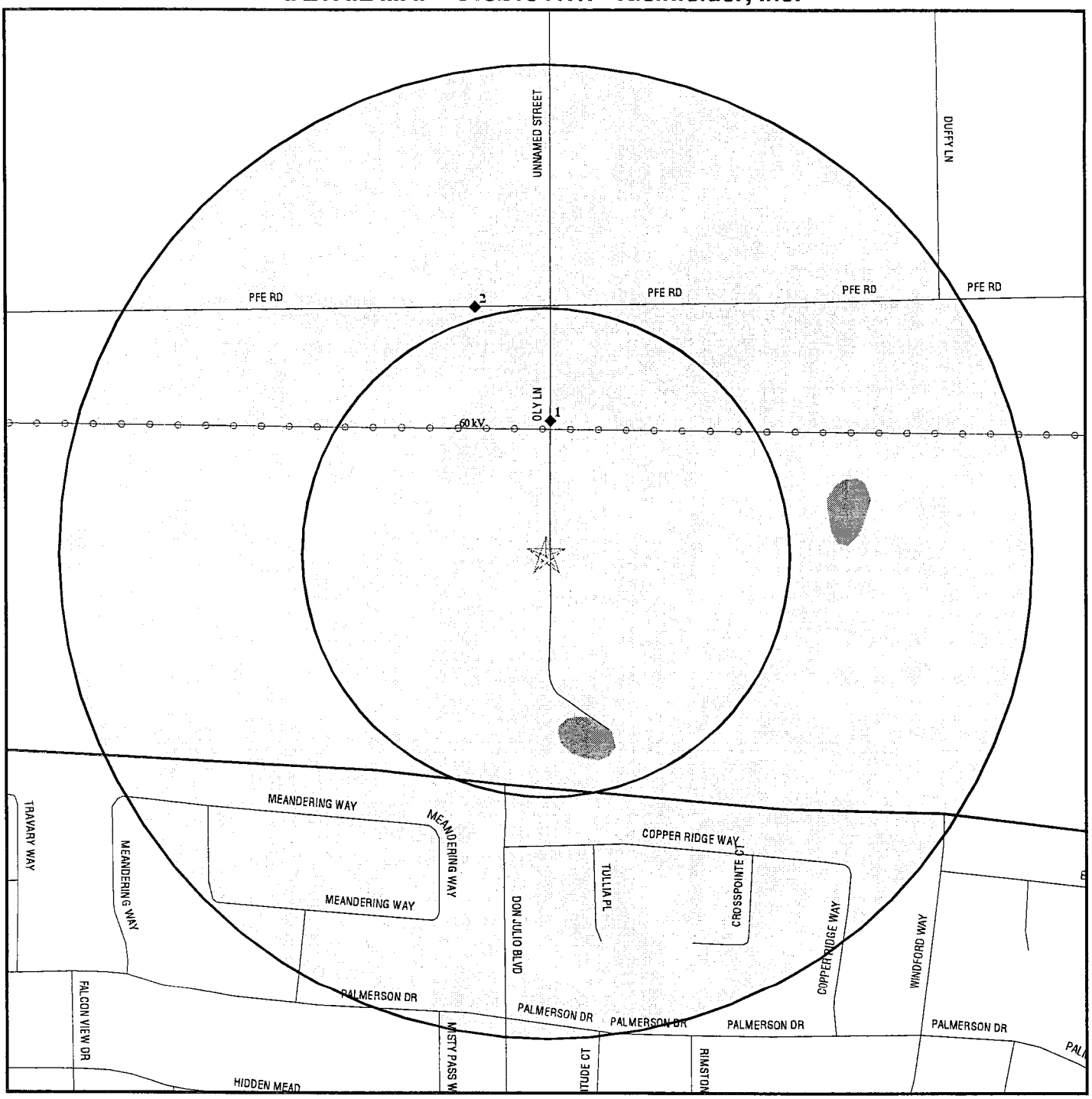
DETAIL MAP - 01321941.1r - Kleinfelder, Inc.



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Federal Wetlands
- Areas of Concern

TARGET PROPERTY:	Whisper Creek	CUSTOMER:	Kleinfelder, Inc.
ADDRESS:	3289 PFE Road	CONTACT:	Christina Ryan
CITY/STATE/ZIP:	Roseville CA 95747	INQUIRY #:	01321941.1r
LAT/LONG:	38.7271 / 121.3461	DATE:	December 07, 2004 8:26 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDARD								
NPL		1.250	0	0	0	0	0	0
Proposed NPL		1.250	0	0	0	0	0	0
CERCLIS		0.750	0	0	0	0	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.250	0	0	0	0	0	0
RCRA TSD		0.750	0	0	0	0	NR	0
RCRA Lg. Quan. Gen.		0.500	0	0	0	NR	NR	0
RCRA Sm. Quan. Gen.		0.500	0	0	0	NR	NR	0
ERNS		0.250	0	0	NR	NR	NR	0
STATE ASTM STANDARD								
AWP		1.250	0	0	0	0	0	0
Cal-Sites		1.250	0	0	0	0	0	0
CHMIRS		0.250	0	0	NR	NR	NR	0
Cortese		0.750	1	0	0	0	NR	1
Notify 65		1.250	0	0	0	0	0	0
Toxic Pits		1.250	0	0	0	0	0	0
State Landfill		0.750	0	0	0	0	NR	0
WMUDS/SWAT		0.750	0	0	0	0	NR	0
LUST		0.750	0	0	0	0	NR	0
CA Bond Exp. Plan		1.250	0	0	0	0	0	0
UST		0.500	0	0	0	NR	NR	0
VCP		0.750	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.500	0	0	0	NR	NR	0
CA FID UST		0.500	0	0	0	NR	NR	0
HIST UST		0.500	0	0	2	NR	NR	2
FEDERAL ASTM SUPPLEMENTAL								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		TP	NR	NR	NR	NR	NR	0
FUDS		1.000	0	0	0	0	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
STATE OR LOCAL ASTM SUPPLEMENTAL								
AST		TP	NR	NR	NR	NR	NR	0
CLEANERS		0.250	0	0	NR	NR	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
DEED		TP	NR	NR	NR	NR	NR	0
NFE		0.250	0	0	NR	NR	NR	0
NFA		0.250	0	0	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
REF		0.250	0	0	NR	NR	NR	0
SCH		0.250	0	0	NR	NR	NR	0
SLIC		0.500	0	0	0	NR	NR	0
HAZNET		0.250	0	1	NR	NR	NR	1
PLACER CO. MS		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY HISTORICAL DATABASES								
Coal Gas		1.000	0	0	0	0	NR	0
BROWNFIELDS DATABASES								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
VCP		0.750	0	0	0	0	NR	0

NOTES:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

1
North
< 1/8
360 ft.

CARRERAS, MANUEL & BETTY
9651 OLY
ROSEVILLE, CA 95678

Cortese **S105025929**
N/A

Relative:
Lower

Actual:
131 ft.

CORTESE:
Region: CORTESE
Fac Address 2: Not reported

2
NNW
1/8-1/4
691 ft.

B W AUTO DISMANTLERS
2031 PFE RD
ROSEVILLE, CA 95678

HAZNET **S103640401**
N/A

Relative:
Lower

Actual:
129 ft.

HAZNET:
Gepaid: CAL000010117
TSD EPA ID: CAD980887418
Gen County: Placer
Tsd County: 1
Tons: .2293
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: ANNMARIE BUCHANAN
Telephone: (000) 000-0000
Mailing Address: 2031 PFE RD
ROSEVILLE, CA 95747 - 9781
County Placer

Gepaid: CAL000010117
TSD EPA ID: CAD980887418
Gen County: Placer
Tsd County: 1
Tons: .2418
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: ANNMARIE BUCHANAN
Telephone: (000) 000-0000
Mailing Address: 2031 PFE RD
ROSEVILLE, CA 95747 - 9781
County Placer

Gepaid: CAL000010117
TSD EPA ID: CAD059494310
Gen County: Placer
Tsd County: Santa Clara
Tons: .4170
Waste Category: Unspecified organic liquid mixture
Disposal Method: Disposal, Other
Contact: ANNMARIE BUCHANAN
Telephone: (000) 000-0000
Mailing Address: 2031 PFE RD
ROSEVILLE, CA 95747 - 9781
County Placer

B W AUTO DISMANTLERS (Continued) **S103640401**

Gepaid: CAL000010117
TSD EPA ID: CAD980887418
Gen County: Placer
Tsd County: 1
Tons: .2293
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: ANNMARIE BUCHANAN
Telephone: (000) 000-0000
Mailing Address: 2031 PFE RD
ROSEVILLE, CA 95747 - 9781
County Placer

Gepaid: CAL000010117
TSD EPA ID: CAD980887418
Gen County: Placer
Tsd County: 1
Tons: .2085
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: ANNMARIE BUCHANAN
Telephone: (000) 000-0000
Mailing Address: 2031 PFE RD
ROSEVILLE, CA 95747 - 9781
County Placer

A3
WNW
1/4-1/2
1827 ft.

KENCO ENGINEERING INC. **HIST UST** **U001613840**
2155 P.F.E. RD. **N/A**
ROSEVILLE, CA 95678

Relative:
Lower

Actual:
114 ft.

Site 1 of 2 in cluster A

UST HIST:

Facility ID:	54433	Owner Name:	KENCO ENGINEERING INC.
Total Tanks:	1	Region:	STATE
Owner Address:	2155 P.F.E. RD. ROSEVILLE, CA 95678		
Tank Used for:	PRODUCT		
Tank Num:	1	Container Num:	1
Tank Capacity:	00001000	Year Installed:	1979
Type of Fuel:	REGULAR	Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor		
Contact Name:	Not reported	Telephone:	(916) 782-8494
Facility Type:	Not reported	Other Type:	Not reported

A4
WNW
1/4-1/2
1940 ft.

ROSEVILLE AUTO DISMANTLING **HIST UST** **U001613864**
1961 P.F.E. ROAD **N/A**
ROSEVILLE, CA 95678

Relative:
Lower

Actual:
112 ft.

Site 2 of 2 in cluster A

UST HIST:

Facility ID:	12478	Owner Name:	DAVID MARCH CORPORATION
Total Tanks:	1	Region:	STATE
Owner Address:	1961 P.F.E. RD. ROSEVILLE, CA 95678		
Tank Used for:	WASTE		
Tank Num:	1	Container Num:	1

ROSEVILLE AUTO DISMANTLING (Continued) **U001613864**

Tank Capacity:	00000479	Year Installed:	Not reported
Type of Fuel:	WASTE OIL	Tank Construction:	Not Reported
Leak Detection:	Visual		
Contact Name:	DAVID H. MARCH	Telephone:	(916) 783-5216
Facility Type:	Other	Other Type:	AUTO DISMANTLING

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ANTELOPE	S104549124	WILSON C. RILES JUNIOR HIGH SCHOOL	PFE ROAD/PEARL WOOD WAY	95843	SCH
ROSEVILLE	S106568091	WEST PLACER ELEM. SCHOOL/MORGAN CREEK	CROWDER LANE/VINEYAD ROAD	95747	SCH
ROSEVILLE	S105678194	BERRY STREET MALL - FINGERS LANDFILL	N OF BERRY STREET W. OF HARDING BLVD.		SWF/LF

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List
Source: EPA
Telephone: N/A
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/30/04
Date Made Active at EDR: 09/09/04
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/03/04
Elapsed ASTM days: 37
Date of Last EDR Contact: 11/02/04

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 6
Telephone: 214-655-6659

EPA Region 8
Telephone: 303-312-6774

Proposed NPL: Proposed National Priority List Sites
Source: EPA
Telephone: N/A

Date of Government Version: 07/22/04
Date Made Active at EDR: 09/09/04
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/03/04
Elapsed ASTM days: 37
Date of Last EDR Contact: 11/02/04

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 08/10/04
Date Made Active at EDR: 10/27/04
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/21/04
Elapsed ASTM days: 36
Date of Last EDR Contact: 09/21/04

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Source: EPA
Telephone: 703-413-0223
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 08/10/04
Date Made Active at EDR: 10/27/04
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/21/04
Elapsed ASTM days: 36
Date of Last EDR Contact: 09/21/04

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/23/04
Date Made Active at EDR: 11/18/04
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 10/07/04
Elapsed ASTM days: 42
Date of Last EDR Contact: 09/07/04

RCRA: Resource Conservation and Recovery Act Information
Source: EPA
Telephone: 800-424-9346
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: 08/10/04
Date Made Active at EDR: 10/11/04
Database Release Frequency: Varies

Date of Data Arrival at EDR: 08/24/04
Elapsed ASTM days: 48
Date of Last EDR Contact: 08/24/04

ERNS: Emergency Response Notification System
Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/03
Date Made Active at EDR: 03/12/04
Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/26/04
Elapsed ASTM days: 46
Date of Last EDR Contact: 10/25/04

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/01/01
Database Release Frequency: Biennially

Date of Last EDR Contact: 09/20/04
Date of Next Scheduled EDR Contact: 12/13/04

CONSENT: Superfund (CERCLA) Consent Decrees
Source: Department of Justice, Consent Decree Library
Telephone: Varies
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/05/04
Database Release Frequency: Varies

Date of Last EDR Contact: 10/25/04
Date of Next Scheduled EDR Contact: 01/24/05

ROD: Records Of Decision
Source: EPA
Telephone: 703-416-0223
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 09/09/04
Database Release Frequency: Annually

Date of Last EDR Contact: 10/06/04
Date of Next Scheduled EDR Contact: 01/03/05

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

Date of Government Version: 07/30/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/02/04
Date of Next Scheduled EDR Contact: 01/31/05

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

Date of Government Version: 09/09/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/08/04
Date of Next Scheduled EDR Contact: 01/03/05

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 02/17/04
Database Release Frequency: Annually

Date of Last EDR Contact: 04/20/04
Date of Next Scheduled EDR Contact: 07/19/04

MLTS: Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/15/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/04/04
Date of Next Scheduled EDR Contact: 01/03/05

MINES: Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 09/13/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/28/04
Date of Next Scheduled EDR Contact: 12/27/04

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 202-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 08/23/04
Date of Next Scheduled EDR Contact: 11/22/04

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-564-3887
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/29/04
Database Release Frequency: Annually
Date of Last EDR Contact: 11/12/04
Date of Next Scheduled EDR Contact: 02/07/05

DOD: Department of Defense Sites
Source: USGS
Telephone: 703-692-8801
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 10/01/03
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 11/12/04
Date of Next Scheduled EDR Contact: 02/07/05

UMTRA: Uranium Mill Tailings Sites
Source: Department of Energy
Telephone: 505-845-0011
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. In 1978, 24 inactive uranium mill tailings sites in Oregon, Idaho, Wyoming, Utah, Colorado, New Mexico, Texas, North Dakota, South Dakota, Pennsylvania, and on Navajo and Hopi tribal lands, were targeted for cleanup by the Department of Energy.

Date of Government Version: 04/22/04
Database Release Frequency: Varies
Date of Last EDR Contact: 09/20/04
Date of Next Scheduled EDR Contact: 12/20/04

ODI: Open Dump Inventory
Source: Environmental Protection Agency
Telephone: 800-424-9346
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: 06/30/85
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 05/23/95
Date of Next Scheduled EDR Contact: N/A

FUDS: Formerly Used Defense Sites
Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/03
Database Release Frequency: Varies
Date of Last EDR Contact: 10/04/04
Date of Next Scheduled EDR Contact: 01/03/05

INDIAN RESERV: Indian Reservations
Source: USGS
Telephone: 202-208-3710
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: 10/01/03
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 11/12/04
Date of Next Scheduled EDR Contact: 02/07/05

RAATS: RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 09/07/04
Date of Next Scheduled EDR Contact: 12/06/04

TRIS: Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-566-0250
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: 12/31/02
Database Release Frequency: Annually
Date of Last EDR Contact: 09/20/04
Date of Next Scheduled EDR Contact: 12/20/04

TSCA: Toxic Substances Control Act
Source: EPA
Telephone: 202-260-5521
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/02
Database Release Frequency: Every 4 Years
Date of Last EDR Contact: 09/07/04
Date of Next Scheduled EDR Contact: 12/06/04

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
Telephone: 202-564-2501

Date of Government Version: 04/13/04
Database Release Frequency: Quarterly
Date of Last EDR Contact: 09/07/04
Date of Next Scheduled EDR Contact: 12/20/04

SSTS: Section 7 Tracking Systems
Source: EPA
Telephone: 202-564-5008
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/01
Database Release Frequency: Annually
Date of Last EDR Contact: 10/18/04
Date of Next Scheduled EDR Contact: 01/17/05

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-564-2501
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 09/13/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/07/04
Date of Next Scheduled EDR Contact: 12/20/04

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites
Source: California Environmental Protection Agency
Telephone: 916-323-3400
Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 10/05/04
Date Made Active at EDR: 11/03/04
Database Release Frequency: Annually

Date of Data Arrival at EDR: 10/15/04
Elapsed ASTM days: 19
Date of Last EDR Contact: 09/16/04

CAL-SITES: Calsites Database
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 10/05/04
Date Made Active at EDR: 11/03/04
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/15/04
Elapsed ASTM days: 19
Date of Last EDR Contact: 09/16/04

CHMIRS: California Hazardous Material Incident Report System
Source: Office of Emergency Services
Telephone: 916-845-8400
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/03
Date Made Active at EDR: 06/25/04
Database Release Frequency: Varies

Date of Data Arrival at EDR: 05/18/04
Elapsed ASTM days: 38
Date of Last EDR Contact: 08/23/04

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-9100
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 04/01/01
Date Made Active at EDR: 07/26/01
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 05/29/01
Elapsed ASTM days: 58
Date of Last EDR Contact: 10/28/04

NOTIFY 65: Proposition 65 Records
Source: State Water Resources Control Board
Telephone: 916-445-3846
Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93
Date Made Active at EDR: 11/19/93
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93
Elapsed ASTM days: 18
Date of Last EDR Contact: 10/18/04

TOXIC PITS: Toxic Pits Cleanup Act Sites
Source: State Water Resources Control Board
Telephone: 916-227-4364
Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/95
Date Made Active at EDR: 09/26/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95
Elapsed ASTM days: 27
Date of Last EDR Contact: 11/01/04

SWF/LF (SWIS): Solid Waste Information System
Source: Integrated Waste Management Board
Telephone: 916-341-6320
Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/13/04
Date Made Active at EDR: 10/12/04
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/14/04
Elapsed ASTM days: 28
Date of Last EDR Contact: 09/14/04

WMUDS/SWAT: Waste Management Unit Database
Source: State Water Resources Control Board
Telephone: 916-227-4448
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/00
Date Made Active at EDR: 05/10/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/10/00
Elapsed ASTM days: 30
Date of Last EDR Contact: 09/08/04

LUST: Leaking Underground Storage Tank Information System
Source: State Water Resources Control Board
Telephone: 916-341-5752
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: 10/13/04
Date Made Active at EDR: 11/03/04
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/13/04
Elapsed ASTM days: 21
Date of Last EDR Contact: 10/13/04

CA BOND EXP. PLAN: Bond Expenditure Plan
Source: Department of Health Services
Telephone: 916-255-2118
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/89
Date Made Active at EDR: 08/02/94
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94
Elapsed ASTM days: 6
Date of Last EDR Contact: 05/31/94

CA UST:

UST: Active UST Facilities
Source: SWRCB
Telephone: 916-341-5752
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 10/13/04
Date Made Active at EDR: 11/03/04
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 10/13/04
Elapsed ASTM days: 21
Date of Last EDR Contact: 10/13/04

VCP: Voluntary Cleanup Program Properties
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/05/04
Date Made Active at EDR: 11/03/04
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/15/04
Elapsed ASTM days: 19
Date of Last EDR Contact: 09/16/04

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land
Source: Environmental Protection Agency
Telephone: 415-972-3372
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/03/04
Date Made Active at EDR: 11/03/04
Database Release Frequency: Varies

Date of Data Arrival at EDR: 10/06/04
Elapsed ASTM days: 28
Date of Last EDR Contact: 08/23/04

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land
Source: EPA Region 10
Telephone: 206-553-2857
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 09/29/04
Date Made Active at EDR: 10/22/04
Database Release Frequency: Varies

Date of Data Arrival at EDR: 10/01/04
Elapsed ASTM days: 21
Date of Last EDR Contact: 08/23/04

INDIAN UST: Underground Storage Tanks on Indian Land
Source: EPA Region 9
Telephone: 415-972-3368

Date of Government Version: 06/18/04
Date Made Active at EDR: 07/26/04
Database Release Frequency: Varies

Date of Data Arrival at EDR: 06/21/04
Elapsed ASTM days: 35
Date of Last EDR Contact: 08/23/04

CA FID UST: Facility Inventory Database
Source: California Environmental Protection Agency
Telephone: 916-445-6532
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/94
Date Made Active at EDR: 09/29/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95
Elapsed ASTM days: 24
Date of Last EDR Contact: 12/28/98

HIST UST: Hazardous Substance Storage Container Database
Source: State Water Resources Control Board
Telephone: 916-341-5700
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90
Date Made Active at EDR: 02/12/91
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91
Elapsed ASTM days: 18
Date of Last EDR Contact: 07/26/01

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities
Source: State Water Resources Control Board
Telephone: 916-341-5712
Registered Aboveground Storage Tanks.

Date of Government Version: 12/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/01/04
Date of Next Scheduled EDR Contact: 01/31/05

CLEANERS: Cleaner Facilities
Source: Department of Toxic Substance Control
Telephone: 916-225-0873
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 04/21/04
Database Release Frequency: Annually

Date of Last EDR Contact: 11/01/04
Date of Next Scheduled EDR Contact: 01/03/05

CA WDS: Waste Discharge System
Source: State Water Resources Control Board
Telephone: 916-341-5227
Sites which have been issued waste discharge requirements.

Date of Government Version: 10/11/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/21/04
Date of Next Scheduled EDR Contact: 12/20/04

DEED: List of Deed Restrictions
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes.

Date of Government Version: 10/04/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/04/04
Date of Next Scheduled EDR Contact: 01/03/05

NFA: No Further Action Determination
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 10/05/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/16/04
Date of Next Scheduled EDR Contact: 11/29/04

EMI: Emissions Inventory Data
Source: California Air Resources Board
Telephone: 916-322-2990
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/02
Database Release Frequency: Varies

Date of Last EDR Contact: 10/22/04
Date of Next Scheduled EDR Contact: 01/17/05

REF: Unconfirmed Properties Referred to Another Agency
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

Date of Government Version: 10/05/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/16/04
Date of Next Scheduled EDR Contact: 11/29/04

SCH: School Property Evaluation Program
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/05/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/16/04
Date of Next Scheduled EDR Contact: 11/29/04

NFE: Properties Needing Further Evaluation
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 10/05/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/16/04
Date of Next Scheduled EDR Contact: 11/29/04

SLIC: Statewide SLIC Cases
Source: State Water Resources Control Board
Telephone: 916-341-5752
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: 10/13/04
Database Release Frequency: Varies

Date of Last EDR Contact: 10/13/04
Date of Next Scheduled EDR Contact: 01/10/05

HAZNET: Facility and Manifest Data
Source: California Environmental Protection Agency
Telephone: 916-255-1136
Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/02
Database Release Frequency: Annually

Date of Last EDR Contact: 11/08/04
Date of Next Scheduled EDR Contact: 02/07/05

LOCAL RECORDS

ALAMEDA COUNTY:

Local Oversight Program Listing of UGT Cleanup Sites
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 08/17/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/25/04
Date of Next Scheduled EDR Contact: 01/24/05

Underground Tanks
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 08/17/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/25/04
Date of Next Scheduled EDR Contact: 01/24/05

CONTRA COSTA COUNTY:

Site List
Source: Contra Costa Health Services Department
Telephone: 925-646-2286
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/30/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/30/04
Date of Next Scheduled EDR Contact: 11/29/04

FRESNO COUNTY:

CUPA Resources List
Source: Dept. of Community Health
Telephone: 559-445-3271
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 07/21/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/08/04
Date of Next Scheduled EDR Contact: 02/07/05

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 09/14/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/07/04
Date of Next Scheduled EDR Contact: 12/06/04

LOS ANGELES COUNTY:

List of Solid Waste Facilities
Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 06/03/03
Database Release Frequency: Varies

Date of Last EDR Contact: 11/18/04
Date of Next Scheduled EDR Contact: 02/14/05

City of El Segundo Underground Storage Tank
Source: City of El Segundo Fire Department
Telephone: 310-524-2236

Date of Government Version: 09/07/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/15/04
Date of Next Scheduled EDR Contact: 02/14/05

City of Long Beach Underground Storage Tank
Source: City of Long Beach Fire Department
Telephone: 562-570-2543

Date of Government Version: 03/28/03
Database Release Frequency: Annually

Date of Last EDR Contact: 08/27/04
Date of Next Scheduled EDR Contact: 11/22/04

City of Torrance Underground Storage Tank
Source: City of Torrance Fire Department
Telephone: 310-618-2973

Date of Government Version: 08/16/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/15/04
Date of Next Scheduled EDR Contact: 02/14/05

City of Los Angeles Landfills
Source: Engineering & Construction Division
Telephone: 213-473-7869

Date of Government Version: 03/01/04
Database Release Frequency: Varies

Date of Last EDR Contact: 09/14/04
Date of Next Scheduled EDR Contact: 12/13/04

HMS: Street Number List
Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/29/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/12/04
Date of Next Scheduled EDR Contact: 02/14/05

Site Mitigation List
Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 02/26/04
Database Release Frequency: Annually

Date of Last EDR Contact: 11/15/04
Date of Next Scheduled EDR Contact: 02/14/05

San Gabriel Valley Areas of Concern
Source: EPA Region 9
Telephone: 415-972-3178
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 07/06/99
Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

Underground Storage Tank Sites
Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 08/18/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/01/04
Date of Next Scheduled EDR Contact: 01/31/05

NAPA COUNTY:

Sites With Reported Contamination
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 09/29/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/27/04
Date of Next Scheduled EDR Contact: 12/27/04

Closed and Operating Underground Storage Tank Sites
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 09/29/04
Database Release Frequency: Annually

Date of Last EDR Contact: 09/27/04
Date of Next Scheduled EDR Contact: 12/27/04

ORANGE COUNTY:

List of Underground Storage Tank Cleanups
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 10/14/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/09/04
Date of Next Scheduled EDR Contact: 12/06/04

List of Underground Storage Tank Facilities
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 09/01/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/09/04
Date of Next Scheduled EDR Contact: 12/06/04

List of Industrial Site Cleanups
Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 09/01/04
Database Release Frequency: Annually

Date of Last EDR Contact: 09/09/04
Date of Next Scheduled EDR Contact: 12/06/04

PLACER COUNTY:

Master List of Facilities
Source: Placer County Health and Human Services
Telephone: 530-889-7312
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 10/04/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/20/04
Date of Next Scheduled EDR Contact: 12/20/04

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Source: Department of Public Health
Telephone: 909-358-5055
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/21/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/18/04
Date of Next Scheduled EDR Contact: 01/17/05

Underground Storage Tank Tank List
Source: Health Services Agency
Telephone: 909-358-5055

Date of Government Version: 06/21/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/18/04
Date of Next Scheduled EDR Contact: 01/17/05

SACRAMENTO COUNTY:

CS - Contaminated Sites
Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Date of Government Version: 08/28/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/13/04
Date of Next Scheduled EDR Contact: 01/31/05

ML - Regulatory Compliance Master List
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 09/02/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/02/04
Date of Next Scheduled EDR Contact: 01/31/05

SAN BERNARDINO COUNTY:

Hazardous Material Permits
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 09/17/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/07/04
Date of Next Scheduled EDR Contact: 12/06/04

SAN DIEGO COUNTY:

Solid Waste Facilities
Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/00
Database Release Frequency: Varies

Date of Last EDR Contact: 08/23/04
Date of Next Scheduled EDR Contact: 11/22/04

Hazardous Materials Management Division Database
Source: Hazardous Materials Management Division
Telephone: 619-338-2268
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 06/29/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/04
Date of Next Scheduled EDR Contact: 01/03/05

SAN FRANCISCO COUNTY:

Local Oversite Facilities
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 09/15/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/20/04
Date of Next Scheduled EDR Contact: 12/06/04

Underground Storage Tank Information
Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 09/15/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/20/04
Date of Next Scheduled EDR Contact: 12/26/04

SAN MATEO COUNTY:

Fuel Leak List
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 10/27/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/12/04
Date of Next Scheduled EDR Contact: 01/10/05

Business Inventory
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 08/19/04
Database Release Frequency: Annually

Date of Last EDR Contact: 10/12/04
Date of Next Scheduled EDR Contact: 01/10/05

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report
Source: Santa Clara Valley Water District
Telephone: 408-265-2600

Date of Government Version: 06/30/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/27/04
Date of Next Scheduled EDR Contact: 12/27/04

Hazardous Material Facilities
Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 10/01/03
Database Release Frequency: Annually

Date of Last EDR Contact: 09/07/04
Date of Next Scheduled EDR Contact: 12/06/04

SOLANO COUNTY:

Leaking Underground Storage Tanks
Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 09/20/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/13/04
Date of Next Scheduled EDR Contact: 12/13/04

Underground Storage Tanks
Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 09/20/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/13/04
Date of Next Scheduled EDR Contact: 12/13/04

SONOMA COUNTY:

Leaking Underground Storage Tank Sites
Source: Department of Health Services
Telephone: 707-565-6565

Date of Government Version: 10/25/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/25/04
Date of Next Scheduled EDR Contact: 01/24/05

SUTTER COUNTY:

Underground Storage Tanks
Source: Sutter County Department of Agriculture
Telephone: 530-822-7500

Date of Government Version: 01/29/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/18/04
Date of Next Scheduled EDR Contact: 01/03/05

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/04
Database Release Frequency: Annually

Date of Last EDR Contact: 08/25/04
Date of Next Scheduled EDR Contact: 11/22/04

Listing of Underground Tank Cleanup Sites
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/02/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/14/04
Date of Next Scheduled EDR Contact: 12/13/04

Underground Tank Closed Sites List
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 09/29/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/13/04
Date of Next Scheduled EDR Contact: 01/10/05

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/02/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/14/04
Date of Next Scheduled EDR Contact: 12/13/04

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Source: Yolo County Department of Health
Telephone: 530-666-8646

Date of Government Version: 06/02/04
Database Release Frequency: Annually

Date of Last EDR Contact: 10/18/04
Date of Next Scheduled EDR Contact: 01/17/05

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation
Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/23/04
Date of Next Scheduled EDR Contact: 11/22/04

LUST REG 2: Fuel Leak List
Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 09/30/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/13/04
Date of Next Scheduled EDR Contact: 01/10/05

LUST REG 3: Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 05/19/03
Database Release Frequency: Varies

Date of Last EDR Contact: 11/17/04
Date of Next Scheduled EDR Contact: 02/14/05

LUST REG 4: Underground Storage Tank Leak List
Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/04
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/16/04
Date of Next Scheduled EDR Contact: 12/27/04

LUST REG 5: Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291

Date of Government Version: 10/01/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/22/04
Date of Next Scheduled EDR Contact: 01/30/05

LUST REG 6L: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/03
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 09/08/04
Date of Next Scheduled EDR Contact: 12/06/04

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 08/09/04
Database Release Frequency: Quarterly
Date of Last EDR Contact: 10/04/04
Date of Next Scheduled EDR Contact: 01/03/05

LUST REG 7: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

Date of Government Version: 02/26/04
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 09/27/04
Date of Next Scheduled EDR Contact: 12/27/04

LUST REG 8: Leaking Underground Storage Tanks
Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-4130
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: 07/01/04
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 11/10/04
Date of Next Scheduled EDR Contact: 02/07/05

LUST REG 9: Leaking Underground Storage Tank Report
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/01
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 10/18/04
Date of Next Scheduled EDR Contact: 01/17/05

California Regional Water Quality Control Board (RWQCB) SLIC Records

SLIC REG 1: Active Toxic Site Investigations
Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 04/03/03
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 08/23/04
Date of Next Scheduled EDR Contact: 11/22/04

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/30/04
Database Release Frequency: Quarterly
Date of Last EDR Contact: 10/13/04
Date of Next Scheduled EDR Contact: 01/10/05

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 08/20/04
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 11/15/04
Date of Next Scheduled EDR Contact: 02/14/05

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 07/08/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/25/04
Date of Next Scheduled EDR Contact: 01/24/05

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 04/01/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/06/04
Date of Next Scheduled EDR Contact: 01/03/05

SLIC REG 6L: SLIC Sites
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574

Date of Government Version: 09/07/04
Database Release Frequency: Varies

Date of Last EDR Contact: 09/07/04
Date of Next Scheduled EDR Contact: 12/06/04

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

Date of Government Version: 04/01/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/04/04
Date of Next Scheduled EDR Contact: 01/03/05

SLIC REG 7: SLIC List
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491

Date of Government Version: 08/25/04
Database Release Frequency: Varies

Date of Last EDR Contact: 08/23/04
Date of Next Scheduled EDR Contact: 11/22/04

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298

Date of Government Version: 07/01/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/08/04
Date of Next Scheduled EDR Contact: 01/03/05

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Date of Government Version: 09/10/04
Database Release Frequency: Annually

Date of Last EDR Contact: 08/30/04
Date of Next Scheduled EDR Contact: 11/29/04

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

BROWNFIELDS DATABASES

VCP: Voluntary Cleanup Program Properties
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/05/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/16/04
Date of Next Scheduled EDR Contact: 11/29/04

US BROWNFIELDS: A Listing of Brownfields Sites
Source: Environmental Protection Agency
Telephone: 202-566-2777
Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become 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: N/A
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

OTHER DATABASE(S)

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

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

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

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

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

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

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

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

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

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

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

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

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

WHISPER CREEK
3289 PFE ROAD
ROSEVILLE, CA 95747

TARGET PROPERTY COORDINATES

Latitude (North):	38.727100 - 38' 43' 37.6"
Longitude (West):	121.346100 - 121' 20' 46.0"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	643770.6
UTM Y (Meters):	4287584.5
Elevation:	140 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

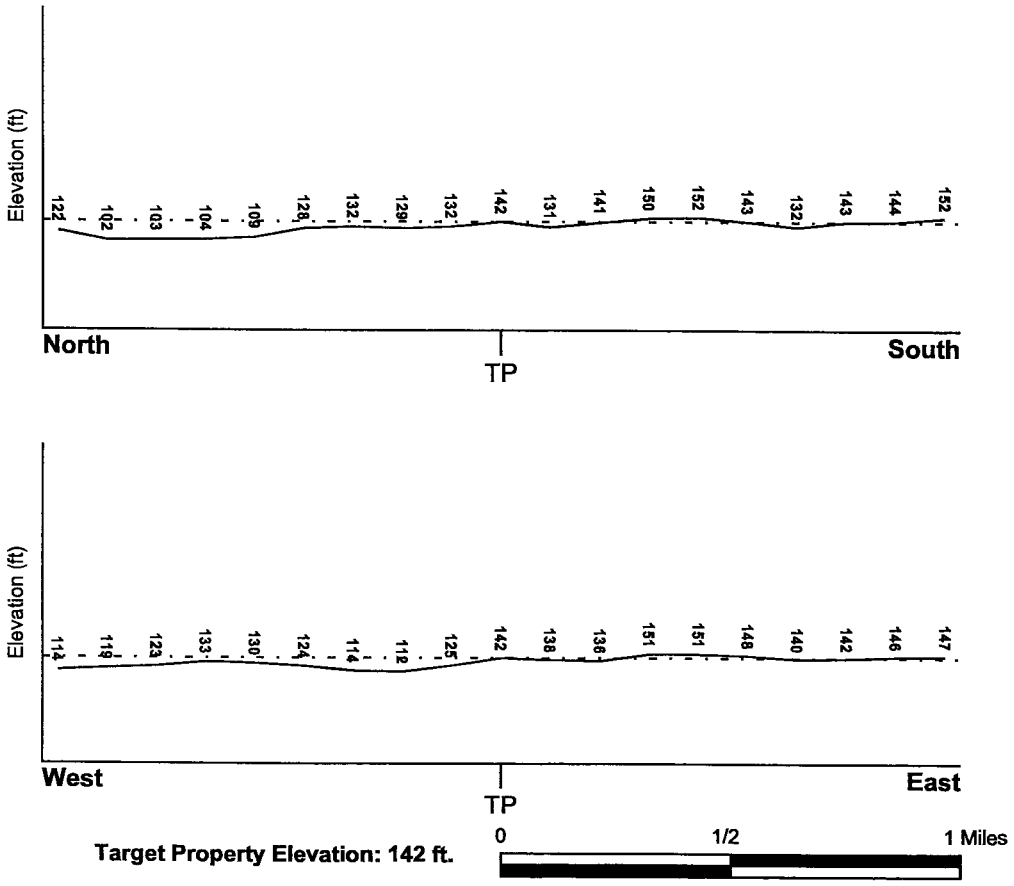
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

USGS Topographic Map:	38121-F3 CITRUS HEIGHTS, CA
General Topographic Gradient:	General WNW
Source:	USGS 7.5 min quad index

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 142 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
PLACER, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	0602390475E
Additional Panels in search area:	0602390478C 0602620080C

NATIONAL WETLAND INVENTORY

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

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

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

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name:	FIDDYMENT
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:	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:	> 21 inches
Depth to Bedrock Max:	> 40 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	8 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%), silt.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 5.60
2	8 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%), silt.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 5.60
3	15 inches	28 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.06 Min: 0.00	Max: 7.80 Min: 6.10
4	28 inches	40 inches	indurated	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00
5	40 inches	44 inches	weathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: sandy loam
coarse sandy loam
clay
fine sandy loam

Surficial Soil Types: sandy loam
coarse sandy loam
clay
fine sandy loam

Shallow Soil Types: sandy clay loam
coarse sandy loam

Deeper Soil Types: stratified
coarse sandy loam
indurated

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B4	USGS0148147	1/2 - 1 Mile West
B5	USGS0148146	1/2 - 1 Mile West
7	USGS0154284	1/2 - 1 Mile SW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

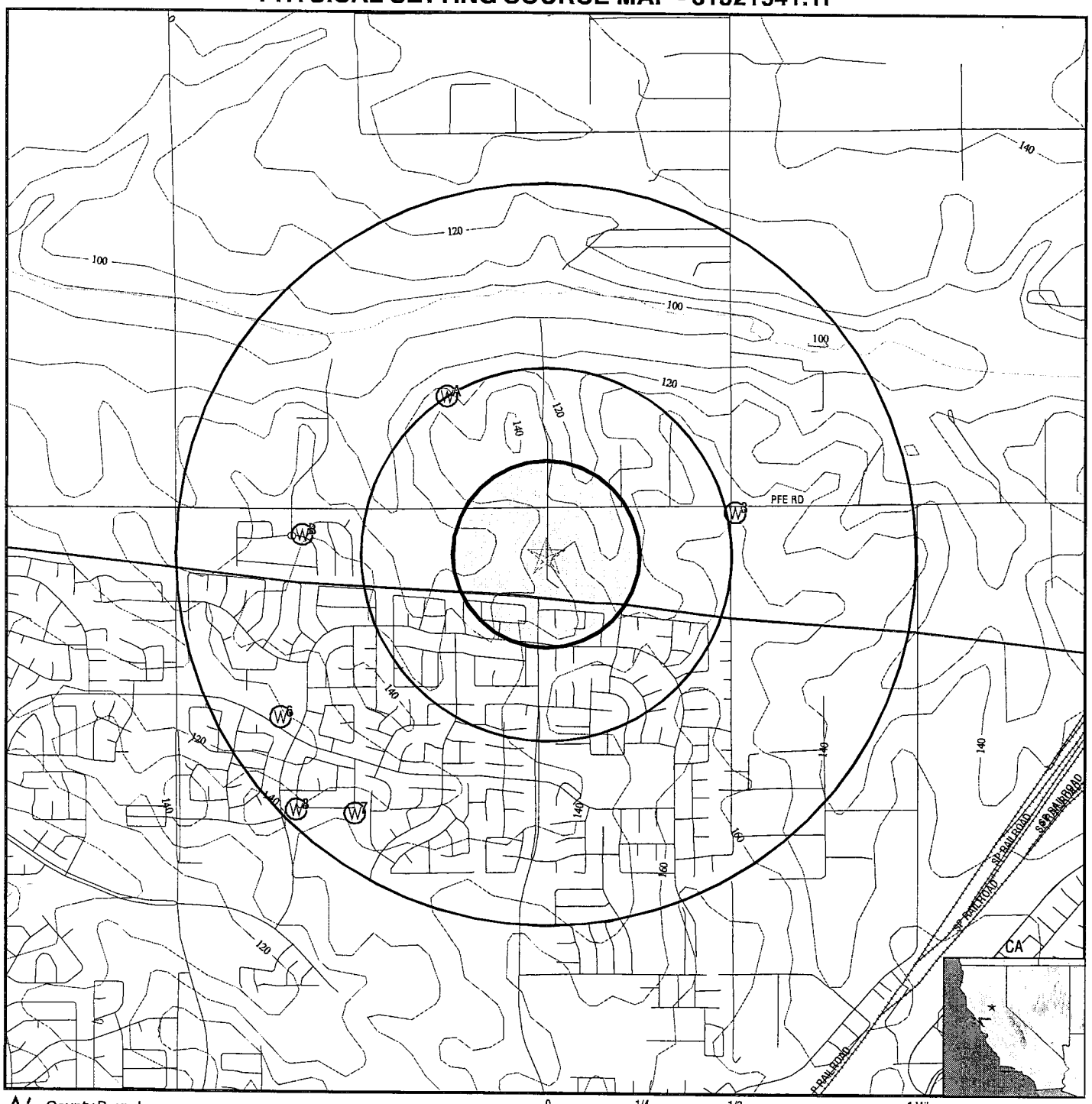
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	9890	1/2 - 1 Mile NNW
A2	9889	1/2 - 1 Mile NNW
3	9888	1/2 - 1 Mile ENE
6	9891	1/2 - 1 Mile WSW
8	9892	1/2 - 1 Mile SW

PHYSICAL SETTING SOURCE MAP - 01321941.1r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

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

TARGET PROPERTY:	Whisper Creek	CUSTOMER:	Kleinfelder, Inc.
ADDRESS:	3289 PFE Road	CONTACT:	Christina Ryan
CITY/STATE/ZIP:	Roseville CA 95747	INQUIRY #:	01321941.1r
LAT/LONG:	38.7271 / 121.3461	DATE:	December 07, 2004 8:26 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation	Database	EDR ID Number
A1 **NNW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**9890**

Water System Information:

Prime Station Code:	10N/06E-18A02 M	User ID:	TEN
FRDS Number:	3410031008	County:	Sacramento
District Number:	09	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	384400.0 1212100.0	Precision:	Undefined
Source Name:	VANDENBERG WELL		
System Number:	3410031		
System Name:	CUCC - Antelope		
Organization That Operates System:			
	P.O. Box 15468 Sacramento, CA 95851		
Pop Served:	21000	Connections:	9792
Area Served:	ANTELOPE OAKS		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	04/09/1990	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/11/1991	Findings:	- 1.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/11/1991	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/11/1991	Findings:	10.500 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	09/11/1991	Findings:	14.190 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	10/07/1992	Findings:	350.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/07/1992	Findings:	6.810
Chemical:	PH (LABORATORY)		
Sample Collected:	10/07/1992	Findings:	158.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	10/07/1992	Findings:	190.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/07/1992	Findings:	168.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	10/07/1992	Findings:	34.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/07/1992	Findings:	19.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/07/1992	Findings:	20.800 MG/L
Chemical:	SODIUM		
Sample Collected:	10/07/1992	Findings:	1.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/07/1992	Findings:	29.100 MG/L
Chemical:	CHLORIDE		

Sample Collected:	10/07/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/07/1992	Findings:	117.000 UG/L
Chemical:	BARIUM		
Sample Collected:	10/07/1992	Findings:	136.000 UG/L
Chemical:	ZINC		
Sample Collected:	10/07/1992	Findings:	104.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	10/07/1992	Findings:	271.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/07/1992	Findings:	6.790 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/20/1992	Findings:	384.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/20/1992	Findings:	7.000
Chemical:	PH (LABORATORY)		
Sample Collected:	10/20/1992	Findings:	140.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	10/20/1992	Findings:	170.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/20/1992	Findings:	160.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	10/20/1992	Findings:	32.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/20/1992	Findings:	19.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/20/1992	Findings:	21.000 MG/L
Chemical:	SODIUM		
Sample Collected:	10/20/1992	Findings:	1.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/20/1992	Findings:	33.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/20/1992	Findings:	110.000 UG/L
Chemical:	ZINC		
Sample Collected:	10/20/1992	Findings:	270.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/20/1992	Findings:	.400 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/04/1992	Findings:	110.000 UG/L
Chemical:	BARIUM		
Sample Collected:	12/04/1992	Findings:	10.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/10/1993	Findings:	2200.000 UG/L
Chemical:	NITRATE NITROGEN (NO3-N)		
Sample Collected:	09/10/1993	Findings:	10.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/18/1994	Findings:	- 4.240 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/18/1994	Findings:	6.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

Sample Collected:	05/26/1994	Findings:	49.000 PCI/L
Chemical:	TOTAL RADON 222 COUNTING ERROR		
Sample Collected:	05/26/1994	Findings:	485.000 PCI/L
Chemical:	TOTAL RADON 222		
Sample Collected:	08/23/1994	Findings:	2000.000 UG/L
Chemical:	NITRATE NITROGEN (NO3-N)		
Sample Collected:	08/23/1994	Findings:	9.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/25/1994	Findings:	1.920 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/08/1994	Findings:	11.000 UG/L
Chemical:	NICKEL		
Sample Collected:	10/14/1996	Findings:	13.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/21/1997	Findings:	3000.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11/11/1997	Findings:	13.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/11/1997	Findings:	13.000 MG/L
Chemical:	NITRATE (AS NO3)		

A2
NNW
1/2 - 1 Mile
Lower

CA WELLS 9889

Water System Information:

Prime Station Code:	10N/06E-18A01 M	User ID:	TEN
FRDS Number:	3410031007	County:	Sacramento
District Number:	09	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	384400.0 1212100.0	Precision:	Undefined
Source Name:	PFE RD. WELL		
System Number:	3410031		
System Name:	CUCC - Antelope		
Organization That Operates System:			
	P.O. Box 15468		
	Sacramento, CA 95851		
Pop Served:	21000	Connections:	9792
Area Served:	ANTELOPE OAKS		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	11/02/1988	Findings:	1.150 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/02/1988	Findings:	11.310 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	02/12/1991	Findings:	360.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/12/1991	Findings:	6.800
Chemical:	PH (LABORATORY)		
Sample Collected:	02/12/1991	Findings:	88.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	02/12/1991	Findings:	110.000 MG/L
Chemical:	BICARBONATE ALKALINITY		

Sample Collected:	02/12/1991	Findings:	80.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	02/12/1991	Findings:	17.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/12/1991	Findings:	9.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/12/1991	Findings:	40.000 MG/L
Chemical:	SODIUM		
Sample Collected:	02/12/1991	Findings:	2.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/12/1991	Findings:	47.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/12/1991	Findings:	54.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	02/12/1991	Findings:	43.000 UG/L
Chemical:	MANGANESE, DISSOLVED		
Sample Collected:	02/12/1991	Findings:	230.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/12/1991	Findings:	3.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/12/1991	Findings:	.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	09/10/1993	Findings:	20.000 UNITS
Chemical:	COLOR		
Sample Collected:	09/10/1993	Findings:	380.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/10/1993	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	09/10/1993	Findings:	120.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	09/10/1993	Findings:	140.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/10/1993	Findings:	3100.000 UG/L
Chemical:	NITRATE NITROGEN (NO3-N)		
Sample Collected:	09/10/1993	Findings:	110.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	09/10/1993	Findings:	23.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/10/1993	Findings:	12.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/10/1993	Findings:	30.000 MG/L
Chemical:	SODIUM		
Sample Collected:	09/10/1993	Findings:	2.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/10/1993	Findings:	29.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/10/1993	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/10/1993	Findings:	1100.000 UG/L
Chemical:	IRON		

Sample Collected:	09/10/1993	Findings:	7.000 UG/L
Chemical:	LEAD		
Sample Collected:	09/10/1993	Findings:	45.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	09/10/1993	Findings:	240.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/10/1993	Findings:	.300
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	09/10/1993	Findings:	14.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/10/1993	Findings:	6.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	09/10/1993	Findings:	3100.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/21/1993	Findings:	1200.000 UG/L
Chemical:	IRON		
Sample Collected:	05/26/1994	Findings:	27.000 PCI/L
Chemical:	TOTAL RADON 222 COUNTING ERROR		
Sample Collected:	02/16/1995	Findings:	7.000 UNITS
Chemical:	COLOR		
Sample Collected:	02/16/1995	Findings:	180.000 UG/L
Chemical:	IRON		
Sample Collected:	02/16/1995	Findings:	.700 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	11/27/1995	Findings:	- 2.670 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/27/1995	Findings:	2.620 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/23/1996	Findings:	5.000 UNITS
Chemical:	COLOR		
Sample Collected:	01/23/1996	Findings:	300.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/23/1996	Findings:	7.500
Chemical:	PH (LABORATORY)		
Sample Collected:	01/23/1996	Findings:	100.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	01/23/1996	Findings:	120.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/23/1996	Findings:	72.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	01/23/1996	Findings:	15.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/23/1996	Findings:	8.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/23/1996	Findings:	29.000 MG/L
Chemical:	SODIUM		
Sample Collected:	01/23/1996	Findings:	1.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/23/1996	Findings:	27.000 MG/L
Chemical:	CHLORIDE		

Sample Collected:	01/23/1996	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/23/1996	Findings:	3.000 UG/L
Chemical:	ARSENIC		
Sample Collected:	01/23/1996	Findings:	190.000 UG/L
Chemical:	IRON		
Sample Collected:	01/23/1996	Findings:	7.000 UG/L
Chemical:	LEAD		
Sample Collected:	01/23/1996	Findings:	190.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/23/1996	Findings:	- .400
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	01/23/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/17/1997	Findings:	4.000 MG/L
Chemical:	NITRATE (AS NO3)		

3
ENE
1/2 - 1 Mile
Higher

CA WELLS **9888**

Water System Information:

Prime Station Code:	10N/06E-16D03 M	User ID:	31C
FRDS Number:	3100077001	County:	Placer
District Number:	61	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	384344.0 1212008.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 01		
System Number:	3100077		
System Name:	DRY CREEK ELEMENTARY SCHOOL		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

B4
West
1/2 - 1 Mile
Lower

FED USGS **USGS0148147**

Agency:	USGS	Site ID:	384342121212501
Site Name:	010N006E18A002M		
Dec. Latitude:	38.72824		
Dec. Longitude:	-121.35801		
Coord Sys:	NAD83		
State:	CA		
County:	Placer County		
Altitude:	128.00		
Hydrologic code:	18020109		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	19530101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		

Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	185		
Hole depth:	344	Source:	other government (other than USGS)
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

B5
West
1/2 - 1 Mile
Lower

FED USGS **USGS0148146**

Agency:	USGS	Site ID:	384339121212701
Site Name:	010N006E18A001M		
Dec. Latitude:	38.7274		
Dec. Longitude:	-121.35856		
Coord Sys:	NAD83		
State:	CA		
County:	Placer County		
Altitude:	125.00		
Hydrologic code:	18020111		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	19620101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	391		
Hole depth:	448	Source:	other government (other than USGS)
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

6
WSW
1/2 - 1 Mile
Lower

CA WELLS **9891**

Water System Information:

Prime Station Code:	10N/06E-18J01 M	User ID:	TEN
FRDS Number:	3410031001	County:	Sacramento
District Number:	09	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	384315.0 1212130.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	TWIN TRAILS (ANT. OAKS)		
System Number:	3410031		
System Name:	CUCC - Antelope		
Organization That Operates System:			
	P.O. Box 15468		
	Sacramento, CA 95851		
Pop Served:	21000	Connections:	9792
Area Served:	ANTELOPE OAKS		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	03/24/1988	Findings:	5.000 UNITS
Chemical:	COLOR		
Sample Collected:	03/24/1988	Findings:	226.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/24/1988	Findings:	7.000
Chemical:	PH (LABORATORY)		

Sample Collected:	03/24/1988	Findings:	119.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	03/24/1988	Findings:	119.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/24/1988	Findings:	107.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	03/24/1988	Findings:	20.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/24/1988	Findings:	14.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/24/1988	Findings:	19.000 MG/L
Chemical:	SODIUM		
Sample Collected:	03/24/1988	Findings:	19.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/24/1988	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/24/1988	Findings:	175.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/27/1988	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/27/1988	Findings:	10.700 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/05/1990	Findings:	.010 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/05/1990	Findings:	6.800 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/07/1990	Findings:	2.320 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/07/1990	Findings:	9.810 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/04/1990	Findings:	1.670 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/04/1990	Findings:	13.490 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	12/04/1990	Findings:	12.010 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/02/1992	Findings:	13.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	10/20/1992	Findings:	1.680 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/20/1992	Findings:	10.110 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	02/11/1993	Findings:	270.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/11/1993	Findings:	7.500
Chemical:	PH (LABORATORY)		
Sample Collected:	02/11/1993	Findings:	110.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	02/11/1993	Findings:	110.000 MG/L
Chemical:	BICARBONATE ALKALINITY		

Sample Collected:	02/11/1993	Findings:	120.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	02/11/1993	Findings:	22.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/11/1993	Findings:	15.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/11/1993	Findings:	22.000 MG/L
Chemical:	SODIUM		
Sample Collected:	02/11/1993	Findings:	2.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/11/1993	Findings:	19.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/11/1993	Findings:	.240 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/11/1993	Findings:	1100.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	02/11/1993	Findings:	4800.000 UG/L
Chemical:	IRON		
Sample Collected:	02/11/1993	Findings:	120.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	02/11/1993	Findings:	130.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	02/11/1993	Findings:	210.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/11/1993	Findings:	5.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/11/1993	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/11/1993	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/02/1993	Findings:	11.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	04/08/1993	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/23/1994	Findings:	930.000 UG/L
Chemical:	NITRATE NITROGEN (NO3-N)		
Sample Collected:	08/23/1994	Findings:	4.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/23/1994	Findings:	46.000 PCI/L
Chemical:	TOTAL RADON 222 COUNTING ERROR		
Sample Collected:	08/23/1994	Findings:	650.000 PCI/L
Chemical:	TOTAL RADON 222		
Sample Collected:	08/28/1995	Findings:	6.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/23/1996	Findings:	- .100 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	01/23/1996	Findings:	7.000 UNITS
Chemical:	COLOR		
Sample Collected:	01/23/1996	Findings:	310.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

Sample Collected:	01/23/1996	Findings:	7.500
Chemical:	PH (LABORATORY)		
Sample Collected:	01/23/1996	Findings:	110.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	01/23/1996	Findings:	140.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/23/1996	Findings:	110.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	01/23/1996	Findings:	21.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/23/1996	Findings:	14.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/23/1996	Findings:	17.000 MG/L
Chemical:	SODIUM		
Sample Collected:	01/23/1996	Findings:	18.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/23/1996	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/23/1996	Findings:	3.000 UG/L
Chemical:	ARSENIC		
Sample Collected:	01/23/1996	Findings:	190.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/23/1996	Findings:	6.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/23/1996	Findings:	.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	01/23/1996	Findings:	1300.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/06/1997	Findings:	8.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/21/1997	Findings:	1400.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	06/17/1997	Findings:	6.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/11/1997	Findings:	2.020 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

7
SW
1/2 - 1 Mile
Lower

FED USGS **USGS0154284**

Agency:	USGS	Site ID:	384303121211701
Site Name:	010N006E18R001M		
Dec. Latitude:	38.71699		
Dec. Longitude:	-121.35565		
Coord Sys:	NAD83		
State:	CA		
County:	Sacramento County		
Altitude:	135		
Hydrologic code:	18020111		
Topographic:	Undulating		
Site Type:	Ground-water other than Spring		
Const Date:	19971030	Inven Date:	19971030
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	100SCMV		
Aquifer type:	Unconfined single aquifer		
Well depth:	200		
Hole depth:	200	Source:	reporting agency (generally USGS)
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1998-08-18	172.86	

8
SW
1/2 - 1 Mile
Lower

CA WELLS 9892

Water System Information:

Prime Station Code:	10N/06E-18R01 M	User ID:	TEN
FRDS Number:	3410031002	County:	Sacramento
District Number:	09	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	384302.0 1212127.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	PALMERSON (HIGHLANDS)		
System Number:	3410031		
System Name:	CUCC - Antelope		
Organization That Operates System:			
	P.O. Box 15468		
	Sacramento, CA 95851		
Pop Served:	21000	Connections:	9792
Area Served:	ANTELOPE OAKS		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	06/05/1990	Findings:	1.160 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/05/1990	Findings:	5.940 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/07/1990	Findings:	2.260 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/07/1990	Findings:	10.150 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/04/1990	Findings:	1.710 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/04/1990	Findings:	21.050 PCI/L
Chemical:	GROSS BETA		

Sample Collected:	12/04/1990	Findings:	12.420 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/19/1991	Findings:	2.380 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/19/1991	Findings:	- 4.210 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	03/19/1991	Findings:	11.060 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/10/1993	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	09/10/1993	Findings:	360.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/10/1993	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	09/10/1993	Findings:	110.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	09/10/1993	Findings:	130.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/10/1993	Findings:	600.000 UG/L
Chemical:	NITRATE NITROGEN (NO3-N)		
Sample Collected:	09/10/1993	Findings:	98.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	09/10/1993	Findings:	21.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/10/1993	Findings:	11.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/10/1993	Findings:	34.000 MG/L
Chemical:	SODIUM		
Sample Collected:	09/10/1993	Findings:	2.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/10/1993	Findings:	44.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/10/1993	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/10/1993	Findings:	230.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/10/1993	Findings:	.100
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	09/10/1993	Findings:	3.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/10/1993	Findings:	600.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/26/1994	Findings:	31.000 PCI/L
Chemical:	TOTAL RADON 222 COUNTING ERROR		
Sample Collected:	05/26/1994	Findings:	184.000 PCI/L
Chemical:	TOTAL RADON 222		
Sample Collected:	07/16/1996	Findings:	4.000 UNITS
Chemical:	COLOR		
Sample Collected:	07/16/1996	Findings:	390.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/16/1996	Findings:	7.500
Chemical:	PH (LABORATORY)		
Sample Collected:	07/16/1996	Findings:	100.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	07/16/1996	Findings:	130.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/16/1996	Findings:	100.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	07/16/1996	Findings:	20.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/16/1996	Findings:	13.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/16/1996	Findings:	37.000 MG/L
Chemical:	SODIUM		
Sample Collected:	07/16/1996	Findings:	1.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/16/1996	Findings:	56.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/16/1996	Findings:	250.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/16/1996	Findings:	- .200
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	07/16/1996	Findings:	3.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/16/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	07/16/1996	Findings:	740.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/06/1997	Findings:	3.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/17/1997	Findings:	3.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/11/1997	Findings:	- 1.450 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/11/1997	Findings:	2.240 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
95747	3	0	0.00

Federal EPA Radon Zone for PLACER 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 PLACER COUNTY, CA

Number of sites tested: 68

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.466 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.500 pCi/L	100%	0%	0%
Basement	3.043 pCi/L	71%	29%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

HYDROLOGIC INFORMATION

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

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

HYDROGEOLOGIC INFORMATION

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

GEOLOGIC INFORMATION

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

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

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

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

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

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

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

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

RADON

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

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

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

OTHER

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

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

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