
Appendix H Environmental Site Assessments

Phase I Environmental Site Assessment



March 15, 2017
Kleinfelder Project No. 20172062.001A

Costco Wholesale
9 Corporate Park, Suite 230
Irvine, California 92606

Attention: Michael Okuma, NCARB
Director of Real Estate Development

**SUBJECT: Phase I Environmental Site Assessment
Proposed Costco Wholesale Warehouse and Fuel Facility
Southeast Corner of Brace Road and
Sierra College Boulevard
Loomis, California
CW#: 16-0132**

Dear Mr. Okuma:

Enclosed is the Phase I Environmental Site Assessment (ESA) report for the above-referenced property. We trust the information presented in this report meets your needs at this time.

An executive summary is provided. However, we recommend that the report be read in its entirety for a comprehensive understanding of the items contained therein.

We appreciate the opportunity to provide these services to Costco Wholesale. If you have questions regarding this report or if we can be of further service, please do not hesitate to contact Paolo Dizon at 949.727.4466 or Andy Franks, Kleinfelder's Client Account Manager for Costco, at 480.650.4905.

Sincerely,

KLEINFELDER, INC.

A handwritten signature in blue ink, appearing to read "Paolo Dizon", with a long horizontal flourish extending to the right.

Paolo Dizon
Project Manager



**PHASE I ENVIRONMENTAL
SITE ASSESSMENT
PROPOSED COSTCO WHOLESALE WAREHOUSE
AND FUEL FACILITY
SOUTHEAST CORNER OF BRACE ROAD AND
SIERRA COLLEGE BOULEVARD
LOOMIS, CALIFORNIA
CW#: 16-0132
KLEINFELDER PROJECT NO. 20172062.001A**

MARCH 15, 2017

**Copyright 2017 Kleinfelder
All Rights Reserved**

**ONLY THE CLIENT OR ITS DESIGNATED REPRESENTATIVES MAY USE THIS DOCUMENT AND ONLY FOR THE SPECIFIC
PROJECT FOR WHICH THIS REPORT WAS PREPARED.**

A Report Prepared for:

Costco Wholesale

9 Corporate Park, Suite 230
Irvine, California 92606

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
PROPOSED COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY
SOUTHEAST CORNER OF BRACE ROAD
AND SIERRA COLLEGE BOULEVARD
LOOMIS, CALIFORNIA
CW#: 16-0132**



Karin F. Hagan
Project Professional



Lizanne Simmons, PG
Senior Principal Geologist

KLEINFELDER, INC.

2 Ada, Suite 250
Irvine, CA 92618
Phone: 949.727.4466
Fax: 949.727.9242

March 15, 2017
Kleinfelder Project No. 20172062.001A

TABLE OF CONTENTS

<u>Section</u>	<u>Page</u>
1 EXECUTIVE SUMMARY	1
2 INTRODUCTION	4
2.1 PURPOSE	4
2.2 DETAILED SCOPE OF SERVICES	5
2.3 ADDITIONAL SERVICES	6
2.4 SIGNIFICANT ASSUMPTIONS	7
2.5 LIMITATIONS AND EXCEPTIONS	7
2.6 SPECIAL TERMS AND CONDITIONS.....	8
3 SITE DESCRIPTION	9
3.1 LOCATION AND LEGAL DESCRIPTION	9
3.2 CURRENT / PROPOSED USE OF THE PROPERTY.....	9
3.3 DESCRIPTION OF STRUCTURES / IMPROVEMENTS.....	10
3.4 CURRENT USES OF ADJOINING PROPERTIES.....	10
4 RECORDS REVIEW	11
4.1 STANDARD ENVIRONMENTAL RECORD SOURCES	11
4.2 RESULTS OF DATABASE SEARCH.....	12
4.2.1 Site Listings.....	13
4.2.2 Off-Site Listings.....	13
4.2.3 Orphan List.....	13
4.3 OTHER RECORDS REVIEWED / AGENCIES CONTACTED.....	14
4.3.1 Placer County Environmental Health Department.....	14
4.3.2 Placer County Recorder-Clerk.....	15
4.3.3 Loomis Fire Prevention District.....	15
4.3.4 Town of Loomis Building Department.....	16
4.3.5 Placer County Community Development, Building and Planning Services Divisions.....	16
4.3.6 State Water Resources Control Board / GeoTracker™ Database	16
4.3.7 Pipeline and Hazardous Materials Safety Administration, National Pipeline Mapping System.....	17
4.3.8 State Department of Toxic Substances Control / EnviroStor.....	18
4.3.9 Placer County Air Pollution Control District.....	18
4.4 PHYSICAL SETTING SOURCE(S).....	18
4.5 USER PROVIDED INFORMATION.....	19
4.6 TITLE RECORDS	20
4.7 ENVIRONMENTAL LIENS AND USAGE LIMITATIONS	20
4.8 VALUE REDUCTION.....	20
4.9 OTHER INFORMATION / DOCUMENTS PROVIDED	21
5 SITE HISTORY	22
5.1 SANBORN FIRE INSURANCE MAPS	22
5.2 AERIAL PHOTOGRAPHS	22
5.3 CITY DIRECTORIES	24
5.4 HISTORICAL TOPOGRAPHIC MAP REVIEW.....	25
5.5 BUILDING DEPARTMENT	26

5.6	PREVIOUS ASSESSMENTS.....	26
6	SITE RECONNAISSANCE.....	27
6.1	METHODOLOGY AND LIMITING CONDITIONS.....	27
6.2	GENERAL SITE SETTING	27
6.3	SITE OBSERVATIONS.....	27
6.4	RESULTS OF SITE RECONNAISSANCE	29
7	INTERVIEWS	31
7.1	INTERVIEW WITH CLIENT	31
7.2	INTERVIEW WITH OWNER/MANAGER.....	31
7.3	INTERVIEWS WITH LOCAL GOVERNMENT OFFICIALS	31
8	EVALUATION	32
8.1	BACKGROUND	32
8.2	FINDINGS AND OPINIONS	32
8.3	DEVIATIONS AND ADDITIONAL SERVICES.....	33
	8.3.1 Protected Plant/Wildlife Assessment	34
8.4	CONCLUSIONS.....	35
8.5	RECOMMENDATIONS.....	35
8.6	DATA GAPS	36
9	REFERENCES.....	37

TABLES

3-1	Location and Legal Description
3-2	Current and Proposed Uses
3-3	Structures and Improvements
3-4	Adjoining Properties
4-1	Physical Setting
4-2	Regional Geology and Hydrogeology
4-3	Owner and Occupant Information
5-1	Historical Information Sources
5-2	Historical Aerial Photographs Reviewed
5-3	Historical Topographic Maps Reviewed
6-1	Site Observations

FIGURES

1	Site Location Map
2	Site Vicinity Aerial Photograph
3-8	Site Photographs

APPENDICES

A	Statement of Qualifications
B	Regulatory Agency Database Report
C	User-Provided and Regulatory Agency Documentation
D	Historical Research Documentation
E	Rincon Consultant's Report

1 **EXECUTIVE SUMMARY**

This report documents a Phase I Environmental Site Assessment (ESA) performed by Kleinfelder, Inc. (Kleinfelder) for Costco Wholesale Corporation (Costco / Client), of the proposed location of a Costco Wholesale Warehouse and Fuel Facility (collectively referred to as the “Site”). The Site is located at the southeast corner of Brace Road and Sierra College Boulevard in the Town of Loomis, Placer County, California (see Figure 1, Site Location Map). Kleinfelder understands the Client has requested a Phase I ESA be performed prior to purchasing and developing the Site.

This report was prepared using the ASTM International (ASTM, formerly known as the American Society for Testing and Materials) Designation E 1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (the “Standard Practice”), the All Appropriate Inquiry (AAI) section of the Small Business Liability Relief and Revitalization Act (the Federal Brownfields Law), and Costco’s Development Requirements, Version 2014, revised June 13, 2014. The Phase I ESA findings include the following:

- The Site totals 17.2 acres and is vacant land, located at the southeast corner of the intersection of Brace Road and Sierra College Boulevard. The Site is designated by Placer County Assessor Parcel Numbers (APNs) 045-042-034-000, 045-042-035-000, 045-042-036-000, and a portion of 045-042-037-000. APN 045-042-034-000 is the largest of the four parcels, and consists of 6.90 acres.
- Most of the Site was historically developed as orchards from at least 1938 until sometime between 1954 and 1966. Dirt roads were present at the Site as early as 1938. A structure associated with a residential building located off-Site to the north was present on the northern Site boundary in 1938. A second structure (unknown purpose) was present in the center of the Site from at least 1938 until prior to 1952, and a third structure (unknown purpose) was present on the eastern side of the Site between 1966 and 2009. A well and a pole-mounted transformer were located on the eastern side of the Site adjoining the remains of the former eastern structure. Although the use of the structures is not known, the potential exists that they may have been associated with agricultural operations and storage of equipment and/or chemicals.
- A rectangular feature was visible in aerial photographs near the south end of a dirt road (Starlight Lane), extending in an east-west direction toward the eastern Site boundary from at least 1966 through 1993. A small structure was observed in the area between the road and the feature. It is not clear what this feature is, but an area of disturbed ground was noted in the general vicinity during the Site reconnaissance.

- A gate was observed in the fencing that marked the boundary of the Site and the residences to the east, at the southeastern portion of the Site. Piles of wood, wooden pallets, fencing, dirt, brush and other debris were observed adjacent to the gate on Site. This location appears to be used as a storage/disposal area by the adjoining resident. Hazardous materials were not observed in the debris pile.
- A gasoline station with underground storage tanks (USTs) has operated since approximately 1999 on the adjacent property south of the Site. The gasoline station property is believed to be hydrogeologically cross-gradient to potentially up-gradient relative to the Site. Groundwater in the vicinity has been reported at depths as shallow as 2 feet below ground surface (bgs). No releases at the gasoline station have been reported.

In summary, the following RECs were noted for the Site:

- The former orchard use of the Site, and associated structures that may have been used for storage of equipment and/or chemicals. Orchards typically utilize smudge pots which use petroleum hydrocarbons to reduce the potential for freezing, and also may have been routinely treated with pesticides (such as lead arsenate) and other chemicals, which may remain in the Site soils. Also, according to Placer County Environmental Health, lead and arsenic are contaminants commonly found at former orchards in Placer County.
- The gasoline station adjoining the Site, which has operated for approximately 18 years. Although no releases have been reported at the gasoline station, its operation for almost two decades increases the likelihood that undetected spills or leakage have occurred during operations, resulting in impacts to the shallow groundwater. Based on the gasoline station's potentially up-gradient location relative to the Site, impacted groundwater beneath the gasoline station may make its way towards and beneath the Site.

Although not a REC, in Kleinfelder's opinion, the location of the former rectangular feature of unknown use at the east central portion of the Site warrants further investigation.

Based on the findings and conclusions of this Phase I ESA, Kleinfelder has the following recommendations for further assessment:

- Shallow soils across the Site may have been impacted with residual pesticides and petroleum hydrocarbons from historical orchard operations. However, in order to confirm this conclusion and further define Costco's risk, it would be necessary to perform sampling and analysis of the surficial soils.
- Based on proximity of the adjoining service station, conducting baseline subsurface sampling is recommended at the location of the proposed Costco fueling facility.

- Based on the unknown use of the former rectangular feature observed in the aerial photographs, Costco should sample soils at this location to assess for contaminants in the subsurface.
- Debris and stored material along the eastern portion of the Site should be removed prior to construction.
- Prior to Site development, the domestic groundwater well located on the eastern side of the Site should be properly abandoned per state and county standards.

In addition to these conditions, deviations from the Phase I ESA Standard (if any) are discussed in Section 8 of this report. This report is subject to the limitations in Section 2.5.

2 INTRODUCTION

This report is a summary of work performed using the guidelines set forth in the Standard Practice, and as set forth in Costco's Development Requirements, Version 2014, revised June 13, 2014. This report also generally conforms to the Standard Practice's suggested table of contents. Minor format modifications have been made to the Standard Practice's suggested table of contents to assist in better reading and understanding the report findings.

2.1 PURPOSE

The purpose of this Phase I ESA is to identify, to the extent feasible pursuant to the scope of services defined in our Proposal Number (No.) MPCOSTCO.001C/IRV16P45931, dated August 29, 2016, the scope defined in the Standard Practice, and limitations discussed in this report, RECs Standard Practice and limitations discussed in this report, RECs and other environmental issues related to the Site.

As defined in the Standard Practice, an REC is:

"The presence or likely presence of any hazardous substances or petroleum products in, on or at a property: (1) due to a release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions."

As defined in the Standard Practice, a de minimis condition is:

"A condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

The 2013 Standard Practice also introduced the designation of CREC. As defined in the Standard Practice, a CREC is:

"... a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."

The 2013 Standard Practice defines a historical REC (HREC) as:

“...a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to environmental controls.”

The final decision regarding whether a past release is an HREC rests with the environmental professional (EP), and will be influenced by the current impact (if any) of the past release to the Site.

This report describes Kleinfelder’s assessment methodology and documents its findings, subject to the limitations presented in Section 2.5 of this report.

2.2 DETAILED SCOPE OF SERVICES

The following sections describe Kleinfelder’s work scope:

- Section 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 Site), significant assumptions (e.g., property boundaries if not marked in the field), limitations, exceptions, special terms and conditions (e.g., contractual), and user reliance parameters.
- Section 3, **Site Description**, is a compilation of information concerning the Site location, legal description (if provided by the Client), current and proposed use of the Site, a description of structures and improvements on the Site at the time of Kleinfelder’s assessment, and adjoining property use.
- Section 4, **Records Review**, is a compilation of Kleinfelder’s review of several databases available from Federal, State, and local regulatory agencies regarding hazardous substance use, storage, or disposal at the Site; and for off-Site facilities within the search distances specified by the Standard Practice. Records provided by the Client are summarized, and copies of relevant documents are included in the appendices of this report. Physical setting sources (including topography and soil and groundwater conditions) and typical Client-provided information (e.g., title records, environmental liens, specialized knowledge, valuation reduction for environmental issues, and owner, property manager, and occupant information) are also summarized. Other interviews with people knowledgeable about the Site (including the Client) are included in Section 7.

- Section 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 historical aerial photographs, Sanborn Fire Insurance Maps, city or suburban directories, historical topographic maps, building department records, and results of previous Site assessments (if any and reasonably ascertainable).
- Section 6, **Site Reconnaissance**, describes Kleinfelder’s observations during the Site reconnaissance. The methodology used and limiting conditions are also described.
- Section 7, **Interviews**, is a summary of telephone and personal interviews performed with “Key Site Managers” that may include the Site owner/manager, occupants/tenants, local government officials, and the Client. Additional interview sources may be contacted if Key Site Managers were not available prior to production of this report, and may include adjoining landowners and people with historical knowledge of the area.
- Section 8, **Evaluation**, is a presentation of findings and opinions regarding the information provided in Sections 3 through 7, and presents the conclusions regarding the presence of RECs connected with the Site, and Kleinfelder’s recommendations.
- Section 9, **References**, is a summary listing of the resources used to compile this report.

A statement of qualifications of the signatories of this report is provided in Appendix A of this report, and pertinent documentation regarding the Property is included in Appendices B through E.

2.3 ADDITIONAL SERVICES

Kleinfelder’s scope of services did not include Standard Practice non-scope evaluations of cultural, historic, and archaeological resources; and environmental regulatory compliance that may be required for a Phase I ESA pursuant to Costco’s Development Requirements publication (revised June 13, 2014). In addition, the Phase I ESA did not include an assessment for asbestos containing materials (ACMs), radon, lead-based paint (LBP), lead in drinking water, molds and mildews, indoor air quality, industrial hygiene, health and safety, wetlands, and other Standard Practice non-scope considerations not described herein. At the request of the Client, a wetlands survey was not included as part of the scope of services for this Phase I ESA.

The Phase I ESA included an evaluation of threatened, endangered, and other protected species that are required for a Phase I ESA pursuant to Costco’s Development Requirements (Appendix E). No other additional services were provided by Kleinfelder for this Phase I ESA.

2.4 SIGNIFICANT ASSUMPTIONS

Kleinfelder does not guarantee the accuracy of information supplied by its sources, but reserves the right to rely on the information in forming a professional opinion regarding the potential for contamination at the Site. It is assumed the Client provided Kleinfelder all applicable and available environmental records and specialized knowledge in its possession regarding the Site. Kleinfelder has not made other significant assumptions during the performance of this Phase I ESA.

2.5 LIMITATIONS AND EXCEPTIONS

Phase I ESAs are non-comprehensive by nature and may not identify all environmental problems, and will not eliminate all risk. This report is a qualitative assessment. Kleinfelder offers a range of investigative and engineering services to suit the needs of its clients, including more quantitative investigations. Although risk can never be eliminated, more detailed and extensive investigations yield more information, which may help the Client understand and better manage risks. Since such detailed services involve greater expense, Kleinfelder asks its clients to participate in identifying the level of service that 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 Phase I ESA consistent with the guidelines set forth in the Standard Practice; Costco's Development Requirements, Version 2014 (revised June 13, 2014); and the proposed scope of services subsequently approved by Costco. No other warranty, either express or implied, is made. Environmental issues not specifically addressed in this report were beyond the scope of Kleinfelder's services and not included in the evaluation.

This report may be used only by Costco 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 Kleinfelder's control may change at any time after the completion of this report, the observations, findings, and opinions provided herein are considered valid only as of the date of the Site visit. Pursuant to Section 4.6 of the Standard Practice, this report should not be relied upon after 180 days from the date of its oldest component. The Phase I ESA has been conducted in accordance with and conforms to the Costco Wholesale Development Requirements Document and the latest edition of ASTM E 1527. This assessment has been prepared for the sole use of Costco Wholesale Corporation. Its contents should not be used or relied upon by other parties without the express written consent of Costco and Kleinfelder. 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, but only to the extent of any such non-compliance by the Client.

2.6 SPECIAL TERMS AND CONDITIONS

No special terms and conditions were agreed to by the Client and Kleinfelder.

3 SITE DESCRIPTION

The Site description is presented in this section and describes the condition of the Site at the time of the Phase I ESA. The Site location is shown on Figure 1. Tables 3-1 through 3-4 summarize the physical characteristics of the Site and adjoining properties.

3.1 LOCATION AND LEGAL DESCRIPTION

The information presented in Table 3-1 denotes the physical location and legal description of the Site. This information was obtained from review of various maps (such as topographic maps and tax assessor maps), aerial photographs, public records at City and/or County offices, interviews, and/or information provided by the Client.

**TABLE 3-1
Location and Legal Description**

PARAMETER	INFORMATION/COMMENTS
LOCATION	The Site is located at the southeast corner of the intersection of Brace Road and Sierra College Boulevard in the Town of Loomis, Placer County, California (see Figure 1 – Site Location Map and Figure 2 – Site Vicinity Aerial Photograph).
LEGAL DESCRIPTION	The legal description of the Site is presented in the Environmental Data Resources, Inc. (EDR), EDR Environmental Lien and AUL Search report (EDR, 2016a) provided in Appendix C.
ASSESSOR'S PARCEL NUMBER / ADDRESSES	The following APNs are associated with the Site: 045-042-034-000 (No street address) 045-042-035-000 (No street address) 045-042-037-000 (No street address) A portion of 045-042-036-000 (No street address)
SECTION, TOWNSHIP, AND RANGE	Township 11 North, Range 7 East, Section 16, Mount Diablo Base Meridian.

3.2 CURRENT / PROPOSED USE OF THE PROPERTY

At the time of Kleinfelder's assessment, the Site was vacant. Current and proposed Site uses are described in Table 3-2.

**TABLE 3-2
Current and Proposed Uses**

PARAMETER	GENERAL OBSERVATIONS
CURRENT USE	Vacant
PROPOSED USE	Costco Wholesale Warehouse and Fuel Facility

3.3 DESCRIPTION OF STRUCTURES / IMPROVEMENTS

Structures and/or improvements observed on the Site at the time of Kleinfelder’s reconnaissance are described in Table 3-3.

**TABLE 3-3
Structures and Improvements**

PARAMETER	GENERAL OBSERVATIONS
STRUCTURES	No structures are located on the Site.
IMPROVEMENTS	One domestic well and a pole-mounted transformer were observed in the eastern portion of the Site. Storm drains were observed near the boundaries of the Site.

3.4 CURRENT USES OF ADJOINING PROPERTIES

Kleinfelder performed a brief drive-by survey of the properties immediately adjoining to the Site on September 19 2016. A summary of the observations regarding the surrounding properties is presented in Table 3-4 and shown on Figure 2, Site Vicinity Aerial Photograph.

**TABLE 3-4
Adjoining Properties**

DIRECTION	LAND USE DESCRIPTION
NORTH	Residential area and Brace Road, beyond which is a retail lumber yard and a residential area.
EAST	Residential area.
SOUTH; SOUTHWEST	Vacant land, Chevron Station and McDonald’s restaurant.
WEST	Sierra College Boulevard, beyond which are an office building and vacant land.

Hazardous materials and petroleum products were not observed to be stored on the properties adjoining to the Site, other than petroleum products associated with the adjoining gasoline service station. No other indications of obvious or suspect RECs were apparent on the adjoining properties at the time of Kleinfelder’s Site reconnaissance.

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 RECs in connection with the 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 a commercial database service, EDR, of Shelton, Connecticut, to perform the government database search for listings within the appropriate Standard Practice minimum search distance of the Site, and the distances set forth in Costco’s Development Requirements, Version 2014, revised June 13, 2014. Kleinfelder provided EDR with a Site map to incorporate the search distances from the Site boundary. Included in the EDR Radius Map™ Report with GeoCheck® (EDR, 2016b) is a listing of specific databases outlined by the Standard Practice. A listing of the search distances, databases evaluated, dates the databases were last updated, and types of information contained in each database are included in the regulatory database search report provided in Appendix B of this report.

EDR utilizes a geographical information system to plot the locations of reported spills, leaks, incidents, etc. Kleinfelder reviews this information to help establish if the Site or nearby properties are listed in the databases and lists. Each of the listings was reviewed by Kleinfelder to assess whether the corresponding property details included in EDR’s report revealed a potential environmental impact to the Site. Many listings in the report were concluded not to have the potential to impact the Site based on the following, or a combination thereof:

- The listed property is located at a distance where the facility is unlikely to impact the Site based on Kleinfelder’s evaluation of the relevant data in EDR’s report and knowledge of the Site vicinity.
- The listed property is located in a down-gradient or cross-gradient direction from the Site, based on the anticipated direction of groundwater flow at the property being evaluated, and is located at a distance such that it is unlikely to impact the Site. Note that the groundwater flow direction is estimated to be predominantly to the northwest based on review of available information (although it has been reported to the north in nearby

facilities), and judgements as to down- or cross-gradient direction are best made if groundwater flow direction information is available for a specific property.

- The listed property is identified in the underground storage tank (UST) or Small Quantity Generator (SQG) databases and does not immediately adjoin the Site. The property is furthermore not listed in other databases that report a release of a hazardous substance or petroleum product and/or is not listed as having environmental violations. The listing of a facility in these databases alone is not indicative of an unauthorized release.
- The listing for the facility suggested a short-term release occurred (e.g., from incidental traffic accidents or involving limited quantities of chemicals from illegal drug labs found at residences), with associated response actions completed.
- The quantity of the hazardous substances or petroleum product released from an off-Site, non-adjointing facility was not judged to have resulted in contamination above the most stringent criteria requiring regulatory action. Therefore, no impact to the Site is anticipated.
- The listed property record indicates that the property was characterized, the reported release affected soil only, the listed property was not on or adjacent to the Site, and the release was not recognized as indicative of area-wide conditions or was characterized as a soil removal action only.
- The listed property record indicates that contamination on the property is limited to relatively non-mobile contaminants, including polyaromatic hydrocarbons (PAHs) and metals, in soil only, on a non-adjacent property.
- The listed property record indicates that the case for the property has been closed to the satisfaction of the designated lead regulatory agency, and residual contamination, if present, is not considered likely to affect the Site based on one or more of the criteria mentioned in the bulleted items above (a condition referred to by the Standard Practice as an HREC).

Based on these criteria indicating no material threat of a release that affected the Site and/or no release that could require future regulatory agency oversight, the listings concluded not to have the potential to impact the Site were not evaluated further and are not discussed in the following sections.

4.2 RESULTS OF DATABASE SEARCH

The remaining property listings were reviewed to assess whether these properties had environmental releases that may have resulted in RECs in relation to the Site. If the listed

properties had a reported release which may have resulted in an REC, the property was further assessed by performing a review of agency files available via the GeoTracker™ website (<http://geotracker.waterboards.ca.gov/>) of the State Water Resources Control Board (SWRCB) and/or other relevant regulatory agency websites to evaluate whether the listed release represents a potential impact to the Site.

4.2.1 Site Listings

The Site was not listed in databases searched by EDR.

4.2.2 Off-Site Listings

Certain off-Site properties were listed in standard Federal, State, and local lists within the Standard Practice search distances and the distances set forth in Costco's Development Requirements, Version 2014, revised June 13, 2014. Kleinfelder reviewed the listing information to assess the potential for impacts to soil, soil vapor, and groundwater beneath the Site. One off-Site property was found within the search distances and in an estimated hydrogeologically up-gradient direction to the Site which appears to have the potential to impact the Site.

One off-Site property listed is adjacent to the Site to the south (cross-gradient to potentially upgradient). This property is addressed as 4211 Sierra College Boulevard, and has been listed as a Chevron gasoline station since at least 1999. Identified in the EDR report as Chevron Station No 2, Chevron USA-Sierra, and Chevron-Rocklin, the facility is listed in the following databases: Resource Conservation and Recovery Act Small Quantity Generator (RCRA-SQG), Facility Index System/Facility Registry System (FINDS), Hazardous Waste Facility and Manifest Data (HAZNET), Enforcement & Compliance History Information (ECHO), Emissions Inventory Data (EMI), Placer County Master List of Facilities (CA PLACER CO. MS), UST, and EDR's Exclusive Historic Gas Stations (Hist Auto). Based on current aerial photographs, this property appears to have three USTs. No releases are indicated in the database report. These listings alone are not indicative of a REC to the Site.

4.2.3 Orphan List

Facilities not plotted by EDR due to poor or inadequate address information are referred to as orphan sites. Five unmapped orphan sites are listed in the EDR report. The orphan summary/unmapped site report was reviewed to assess the potential for listed facilities to pose a REC to the Site. Based on our review, these listings were assessed not to pose an environmental concern to the Site.

4.3 OTHER RECORDS REVIEWED / AGENCIES CONTACTED

The following additional sources of environmental records were reviewed during this Phase I ESA for the purposes of meeting the Standard Practice. Local regulatory agencies were contacted for reasonably ascertainable and practically reviewable documentation regarding RECs present at the Site and adjoining facilities. Summaries of interviews with local regulatory agency representatives, when performed, are included in Section 7 of this report (with interview documentation included in Appendix C). The following agencies (if marked with an “X”) were contacted for documentation:

- Placer County Environmental Health Department (EHD)
- Placer County Recorder-Clerk
- Loomis Fire Prevention District
- Town of Loomis Building Department
- Placer County Community Development, Building and Planning Services Divisions
- State Water Resources Control Board (SWRCB) / GeoTracker™ Database
- Pipeline and Hazardous Materials Safety Administration (PHMSA), National Pipeline Mapping System (NPMS)
- State Department of Toxic Substances Control (DTSC) / EnviroStor Database
- Placer County Air Pollution Control District (PCAPCD)

Information obtained from these agencies is summarized below.

4.3.1 Placer County Environmental Health Department

Kleinfelder searched the Placer County Electronic Document Center on September 8, 2016 for Environmental Health Department documents recorded under the parcel numbers associated with the Site, and for the parcel associated with the adjacent Chevron gasoline station located south of the Site at address 4211 Sierra College Boulevard. Kleinfelder also submitted a written request to the EHD on September 8, 2016 for information pertaining to hazardous materials usage and storage, including AST and UST records, for the parcel numbers associated with the Site. A response from the EHD was received on September 9, 2016, which confirmed that the documents available in the Electronic Document Center were the only files available for the Site. A summary of the available files is provided as follows:

- Documentation of an email conversation and records search for the Site parcels conducted in 2009. The conversation began with a query to the Environmental Health Department, in which someone recalled that in 1990 or 1991 the parcels were determined to be underlain by three contaminated groundwater aquifers. At the time of the query, the

Town of Loomis was considering the parcels as a potential location for affordable housing. Environmental Health reviewed the files for the parcels and found no records related to groundwater contamination. EHD noted that three former USTs were located south of the parcels and were closed by the Central Valley Regional Water Quality Control Board as low risk sites. These appear to be related to a former Chevron station that was previously located at 4365 Sierra College Boulevard, approximately 750 feet south of the Site (EDR, 2016b).

- An Environmental Review Application was submitted in April 1989 by Sunrise Marketing Group and Frontier Land Development Company for proposed development and rezoning of the Site.

Copies of the EHD files are included in Appendix C.

4.3.2 Placer County Recorder-Clerk

Kleinfelder reviewed files for the Site at the Placer County Recorder-Clerk's office, on September 19, 2016. The following documents were available:

- An easement recorded August 11, 1987 between Donald Tanklage and Loomis Town for ditch digging. The location was described as the northwest quarter of Section 16, Township 11 North, Range 7 East, which encompasses the Site.
- A grant deed was recorded February 25, 1994 from Rob Douglas to Carole and Don Tanklage for APNs 045-042-036 and -037.
- A survey map was recorded May 2, 1994 for Donald Tanklage for property described as Township 11 North, Range 07 East, Section 16, which encompasses the Site.
- A quit claim deed was recorded from Donald Tanklage and Carole Tanklage (individuals) to the Donald Tanklage and Carole Tanklage Foundation. The property was described as Lots 25 and 26 of the Himes Tract, at the intersection of Himes and Brace Roads, and included the Site.

4.3.3 Loomis Fire Prevention District

Kleinfelder contacted the Loomis Fire Prevention District on September 8, 2016 for documents recorded under the parcel numbers associated with the Site. The District responded on September 13, 2016 with the information that they do not have records for properties without structures.

4.3.4 Town of Loomis Building Department

Kleinfelder submitted a request via email to the Town Building Inspector on September 8, 2016 regarding available records of improvements for the parcel numbers associated with the Site. On September 13, 2016, the Town Building Inspector responded there are no building files for the parcel numbers associated with the Site.

4.3.5 Placer County Community Development, Building and Planning Services Divisions

Kleinfelder searched the Placer County Electronic Document Center on September 8, 2016 for Building Services Division and Planning Services Division documents recorded under the parcel numbers associated with the Site. No documents were found. A request for records was also submitted to the Building Services and Planning Services Division on September 10, 2016. Responses were received from both Divisions on September 12, 2016, which stated that the Site is under the jurisdiction of the Town instead of the County.

4.3.6 State Water Resources Control Board / GeoTracker™ Database

Kleinfelder reviewed the SWRCB GeoTracker™ website (<http://geotracker.waterboards.ca.gov/>) on September 8, 2016 for information associated with releases of hazardous materials or substances at the Site. No listings were reported to be associated with the Site. Four off-Site listings were found within approximately one-quarter mile of the Site.

A closed leaking UST (LUST) case was listed for the 7-Eleven Store, located approximately 450 feet south of the Site at 4281 Sierra College Boulevard. Groundwater beneath this facility was impacted with gasoline constituents. Based on information from groundwater monitoring conducted during Third Quarter 2007, groundwater was encountered at depths of 5 to 8 feet below ground surface (bgs) and flowed to the northwest (SECOR International Incorporated [SECOR], 2007). Gasoline constituents were not detected in nearest wells to the Site (MW-6 and MW-7). The 7-Eleven facility was granted No Further Action by the California Regional Water Quality Control Board – Central Valley Region (CVRWQCB) in June 2008, and is not considered a REC likely to affect soil, soil vapor or groundwater beneath the Site.

A closed LUST case was listed for Shamrock Pump & Equipment, located approximately 700 feet northwest of the Site. Groundwater beneath this facility was impacted with gasoline and fuel constituents. Based on the most recent groundwater monitoring event performed in October 2001 for this facility, groundwater was encountered at approximately two to seven feet below ground surface, and groundwater flow direction was reported to have fluctuated from southeast to northwest (CVRWQCB, 2002). The nearest domestic groundwater well was sampled, with

analytical results below laboratory detection limits. No Further Action was granted in May 2002 (CVRWQCB, 2002). Based on the direction of this facility from the Site, groundwater sampling results, and case closure, this facility is not considered a REC likely to affect soil, soil vapor or groundwater beneath the Site.

A closed LUST case was listed for former Chevron #9-6705, located at 4365 Sierra College Boulevard, approximately 750 feet south of the Site. Other than the receipt of a No Further Action letter from the CVRWQCB in 2004 (CVRWQCB, 2004), no additional information was available in GeoTracker™.

A closed LUST case was listed for the former Unocal SS#6008, located at 4390 Sierra College Boulevard, approximately 1,500 feet south of the Site. Groundwater beneath this facility was impacted with gasoline constituents. Based on information from groundwater monitoring conducted during October 2006, groundwater was encountered at depths of 8 to 19 feet bgs and flowed to the northwest (TRC, 2006). Historically, groundwater at the former Unocal facility ranged from depths of 2 to 21 feet bgs, with groundwater flow directions ranging from northwest to north (TRC, 2005). No Further Action was granted in February 2007 (CVRWQCB, 2007). Based on the distance of this facility from the Site, most recent groundwater sampling results, and case closure, this facility is not considered a REC likely to affect soil, soil vapor or groundwater beneath the Site.

4.3.7 Pipeline and Hazardous Materials Safety Administration, National Pipeline Mapping System

Pipeline information is available at the PHMSA's online NPMS website (<https://www.npms.phmsa.dot.gov>). Kleinfelder researched pipeline information on the website on September 8, 2016 for the Site. Based on Kleinfelder's review of the NPMS website, no mapped natural gas transmission pipelines or hazardous liquid pipelines are located on Site, or on properties that adjoin the Site. One active natural gas transmission pipeline owned by Pacific Gas & Electric Company is located approximately 600 feet northwest of the Site, and runs along the east side of Taylor Road. One active hazardous liquids pipeline managed by Kinder Morgan is located approximately 840 feet northwest of the Site, and run along the west side of the Union Pacific railroad tracks. This pipeline is listed as containing non-highly volatile liquid products. A copy of the NPMS map is included in Appendix C.

4.3.8 State Department of Toxic Substances Control / EnviroStor

Kleinfelder reviewed the DTSC EnviroStor website (<http://www.envirostor.dtsc.ca.gov/>) on September 10, 2016 for information pertaining to the Site. Based on Kleinfelder's review of the website, no listings were found pertaining to the Site or for properties immediately adjoining to the Site.

4.3.9 Placer County Air Pollution Control District

Kleinfelder submitted a written request to the APCD on September 10, 2016 for permits for the parcel numbers associated with the Site. On October 19, 2016, Kleinfelder received an email response from Mr. Zach Lee of Placer County APCD indicating that they had no records pertaining to the Site.

4.4 PHYSICAL SETTING SOURCE(S)

Table 4-1 presents information concerning the physical setting of the Site. The information was primarily obtained from published maps.

**TABLE 4-1
Physical Setting**

DATA	GENERAL INFORMATION
USGS TOPOGRAPHIC QUADRANGLE	Based on the United States Geological Survey (USGS), Rocklin, CA Quadrangle 7.5-Minute Series (Topographic) Map, dated 2012, the Site elevation is shown between approximately 330 and 340 feet above Mean Sea Level (MSL). Topography in the vicinity of the Site is shown as sloping down to the west and southwest (EDR, 2016b).
SOIL TYPE	The Site is underlain by <i>Andregg</i> coarse sandy loam (EDR, 2016b).
OIL AND GAS WELLS	Information concerning oil and gas fields was obtained by Kleinfelder from published maps available for download on the Division of Oil, Gas, and Geothermal Resources (DOGGR)'s internet web site (http://maps.conservacion.ca.gov/doggr/index.html). Kleinfelder researched oil well information on the DOGGR website on September 10, 2016 for the Site and Site vicinity. Based on Kleinfelder's review, no oil wells are located on the Site or in the immediate Site vicinity.

Table 4-2 presents information concerning regional geology and hydrogeology. The information was obtained from published maps and other sources.

**TABLE 4-2
Regional Geology and Hydrogeology**

PHYSICAL PARAMETER	INFORMATION/COMMENTS
REGIONAL PHYSIOGRAPHY AND GEOLOGY	The Site is located in the Town of Loomis, which is located in the Sacramento Valley portion of the Great Valley geomorphic province, which consists of an alluvial plain drained by the Sacramento River. The Great Valley is a trough between the surrounding mountain ranges in which sediments have accumulated since the Jurassic Age (California Department of Conservation, California Geological Survey [CGS], 2002; USGS, 1966).
REGIONAL HYDROGEOLOGY	The Site is located outside of any named groundwater basins. (California Department of Water Resources [CDWR], 2004).
DEPTH TO GROUNDWATER DIRECTION OF ANTICIPATED FLOW ¹	Based on review of available groundwater information from nearby facilities located within approximately 0.25-mile of the Site, groundwater was encountered at depths historically ranging from approximately 2 to 21 feet bgs, with a predominantly northwest flow direction (TRC, 2007; SECOR,2007); however, groundwater was observed to also flow to the southeast (CRWQCB, 2002) and to the north (TRC, 2005). A groundwater elevation contour map for the adjacent North American Groundwater Sub-basin showed a regional groundwater flow direction to the southwest in Spring 2005 (MWH, 2007).
REGIONAL GROUNDWATER QUALITY PROBLEMS	A review of the groundwater principal contamination sites described for the adjacent North American Groundwater Sub-basin revealed that the nearest site is more than four miles from, and downgradient from, the Site (MWH, 2007).
WATER SUPPLY	The well search performed by EDR indicated no private or public water supply wells are located on or adjacent to the Site (EDR, 2016b). However, one groundwater well was observed in the eastern portion of the Site during the Site reconnaissance.
FLOOD ZONE DESIGNATION	According to The EDR Radius Map™ Report with GeoCheck®, the Site is not located within a 100-year or 500-year flood zone (EDR, 2016b).

¹ Groundwater flow direction is based on regional information sources. Site-specific conditions may vary due to a variety of factors including geologic anomalies, utilities, nearby pumping wells (if present), and others.

4.5 USER PROVIDED INFORMATION

According to the Client, the purpose for performing this Phase I ESA is to evaluate the potential for RECs at the Site for the purpose of constructing a new Costco Warehouse and fuel facility. Information regarding the current owners/occupants of the Site is summarized in Table 4-3.

**TABLE 4-3
Owner and Occupant Information**

ENTITY	NAME
OWNER	Based on the EDR Environmental Lien and AUL Search (EDR, 2016a), the Site parcels and current owners are as follows: 045-042-034-000 – Donald B & Carole F Tanklage Foundation 045-042-035-000 - Donald B & Carole F Tanklage Foundation 045-042-036-000 - Donald B & Carole F Tanklage Foundation 045-042-037-000 - Donald B & Carole F Tanklage Foundation
OCCUPANT(S)	Not occupied.

Summaries of interviews of key individuals with knowledge of the Site (“Key Site Managers”) are provided in Section 7. The following sections present information provided to Kleinfelder by the Client.

4.6 TITLE RECORDS

Chain-of-title information was not provided by the Client. Therefore, a review of a chain-of-title report was not reviewed as part of this Phase I ESA.

4.7 ENVIRONMENTAL LIENS AND USAGE LIMITATIONS

According to information provided in EDR’s regulatory agency database search report (EDR, 2016b), there are no liens pertaining to the Site listed in the Federal superfund liens list maintained by the United States Environmental Protection Agency (US EPA), nor known recorded land-use environmental deed restrictions pertaining to the Site listed in the State Liens Database. Kleinfelder’s review of the *EDR Environmental Lien and AUL Search* report (EDR, 2016a) for the Site indicates there are no environmental liens or activity and use limitations (AULs) associated with the Site.

4.8 VALUE REDUCTION

As part of the Standard Practice process, information is to be gathered regarding the prospective purchase price of the Site relative to its fair market value. If there appears to be a value reduction, that reduction must be identified with respect to whether the difference may be attributed to environmental degradation of the property. Kleinfelder submitted a “User Questionnaire” to the Client that included a question about the prospective purchase price of the Site relative to its fair market value. Based on Kleinfelder’s review of a questionnaire completed on December 8, 2016 by Mr. Michael Okuma with Costco, Mr. Okuma is not aware of environmental conditions

associated with the Site that would reduce the purchase price of the property relative to its fair market value. A copy of the User Questionnaire is provided in Appendix C.

4.9 OTHER INFORMATION / DOCUMENTS PROVIDED

No other information was provided by the Client for review by Kleinfelder.

5 SITE HISTORY

The history of the Site was researched to identify obvious uses. Historical land use was researched to the first developed use, or back to 1940, whichever was earlier or readily available. Table 5-1 summarizes the availability of information reviewed during this assessment.

**TABLE 5-1
Historical Information Sources**

SOURCE	YEARS REVIEWED	SOURCE / AVAILABILITY
SANBORN FIRE INSURANCE MAPS	Not available	EDR, 2016c
AERIAL PHOTOGRAPHS	1938, 1952, 1966, 1975, 1984, 1993, 1999, 2005, 2006, 2009, 2010, and 2012	EDR, 2016d
CITY DIRECTORIES	1974 – 2013 (select years)	EDR, 2016e
HISTORICAL TOPOGRAPHIC MAPS	1891, 1892, 1893, 1944, 1954, 1967, 1981, and 2012	EDR, 2016f
BUILDING DEPARTMENT	Not available	EDR, 2016g
PREVIOUS ASSESSMENT(S)	Not applicable	Not available

5.1 SANBORN FIRE INSURANCE MAPS

Sanborn Fire Insurance Maps provide historical land use information for some metropolitan areas and small, established towns. Kleinfelder requested EDR to search its library of Sanborn Fire Insurance Maps for maps of the Site. EDR responded that Sanborn Fire Insurance Maps were not available for the Site (EDR, 2016c).

5.2 AERIAL PHOTOGRAPHS

A review of historical aerial photography may indicate past activities at a property that may not be documented by other means or observed during a reconnaissance visit. The effectiveness of this technique depends on the scale and quality of the photographs and the available coverage. Aerial photographs were obtained from several historical photograph collections through EDR (2016d), and span a period of 74 years. A tabulation of the aerial photographs reviewed by Kleinfelder is presented in Table 5-2. Copies of the aerial photographs provided by EDR are included in Appendix D.

**TABLE 5-2
Historical Aerial Photographs Reviewed**

YEAR	APPROXIMATE SCALE	SUMMARY
1938	1"=500'	<p>Site: The Site appeared to be developed as agricultural land containing an orchard on the eastern half and another crop on the western half. A dirt road bisects the Site from north to south with a structure visible halfway through the Site. A curved drainage crossed the Site from east to west. A second structure associated with a residential building off-Site to the north is present adjoining the road on the northern boundary of the Site.</p> <p>Surrounding Area: Brace Road was visible along the north side of the Site and appeared to be dirt. A residential building and associated structures were located off-Site, north of the northern Site boundary. Railroad tracks and a paved parallel road were visible to the west of the Site. The surrounding area appeared to be primarily developed as orchards with rural residential structures and dirt roads.</p>
1952	1"=500'	<p>Site: The structures in the center and northern portions of the Site were removed, but the agricultural crops and dirt road remain.</p> <p>Surrounding Area: Brace Road appeared to be paved and the residential structure north of the Site was removed. The surrounding area was generally unchanged from the 1938 aerial photograph.</p>
1966	1"=500'	<p>Site: The orchards and associated dirt road were no longer present on the Site. A dirt road, a new structure, and a rectangular feature were visible on the eastern side of the Site. This dirt road extended southward from the northern boundary, along the west side of the structure and ended halfway into the Site at the rectangular feature. The rectangular feature was visible southeast of the end of the dirt road, extending in an east-west direction toward the eastern Site boundary. A small structure is present in the area between the road and the feature. It is not clear what this feature is and it is not shown on the topographic maps (Table 5-3).</p> <p>Surrounding Area: Seven large residential structures were visible adjacent to the northern boundary, on the south side of Brace Road. A structure was visible on the east side of the dirt road, adjacent to the eastern Site boundary. The southern extension of Sierra College Boulevard was visible and appeared to be paved. The surrounding area remained rural residential, but with fewer orchards visible. Interstate 80 was visible to the southeast of the Site.</p>
1975	1"=500'	<p>Site: The Site remained generally unchanged. Due to the poor quality of the photograph, features were not clear.</p> <p>Surrounding Area: Due to the poor quality of the photograph, features were not clear. However, the rural residential structures and orchards in the surrounding area no longer appeared to be visible. What appear to be two service stations are visible on the east and west sides of Sierra College Boulevard in the vicinity of the southbound Interstate 80 on/off ramps.</p>
1984	1"=500'	<p>Site: The Site appeared generally unchanged.</p> <p>Surrounding Area: The surrounding area appears unchanged relative to the 1975 photograph.</p>

**TABLE 5-2 (Continued)
Historical Aerial Photographs Reviewed**

YEAR	APPROXIMATE SCALE	SUMMARY
1993	1"=500'	<p>Site: A narrow dirt road appeared to extend from the south end of the existing dirt road on the east side of the Site, winding across the Site to the west, and then exiting the Site to the north, to Brace Road. Possible structures are present in trees in the northeastern portion of the Site, near this dirt road. Due to the poor quality of the photograph, features were not clear.</p> <p>Surrounding Area: A new residential area was visible adjacent to the Site on the east, and a large commercial structure was visible across Sierra College Boulevard to the west. A dirt road was visible south of the Site in the area of the future Granite Drive. The surrounding area appeared to be increasingly developed with residential and commercial areas.</p>
1999 2005 2006 2009 2010	1"=500'	<p>Site: The Site appeared generally unchanged from the 1993 aerial photograph except that no structures appear to be on Site adjoining the dirt road. The east-west rectangular feature is no longer visible in the 1999 aerial photograph, although there now appear to be a stand of trees in the approximate location. The 2006 aerial photograph only shows the northern portion of the Site. The 2010 aerial photograph shows dirt paths winding through the Site and the structure on the eastern side of the Site no longer appears to be present.</p> <p>Surrounding Area: In the 1999 aerial photograph, the gasoline station on the east side of Sierra College Boulevard was no longer visible; however, another gasoline station was visible at the southeast corner of Sierra College Boulevard and Granite Drive, and another gasoline station was visible adjacent to the southern Site boundary. The gasoline station on the west side of Sierra College Boulevard near Interstate 80 is no longer visible in the 2009 aerial photograph.</p>
2012	1"=500'	<p>Site: The Site appeared generally unchanged.</p> <p>Surrounding Area: New commercial development was visible across Brace Road to the north of the Site. Additional construction was in progress to the south of the site, beyond the two gasoline stations.</p>

Note: Aerial photographs only provide information concerning indications of land use, and no conclusions regarding the release of hazardous substances or petroleum products can be drawn from the review of photographs alone.

5.3 CITY DIRECTORIES

City directories provide information regarding property occupants by address. EDR provided a city directory image report (EDR, 2016e), included in Appendix D, for properties along Brace Road and Sierra College Boulevard for the period between 1974 and 2013. The Site has no physical address and was therefore not listed.

Adjoining properties included residential listings at the addresses of 5340, 5350, 5360, 5370, 5380, and 5390 Brace Road, north of the Site, and commercial listings at the addresses 4020 and 4211 Sierra College Boulevard, west and south of the Site, respectively. The commercial listings at 4020 Sierra College Boulevard included multiple office and medical tenants. Commercial listings at address 4211 Sierra College Boulevard included a Chevron gasoline station and a McDonald's restaurant.

5.4 HISTORICAL TOPOGRAPHIC MAP REVIEW

Kleinfelder obtained information regarding historical topographic maps of the Site vicinity from EDR (2016f). The topographic maps reviewed for this assessment are listed in Table 5-3 and copies of the maps are included in Appendix D.

**TABLE 5-3
Historical Topographic Maps Reviewed**

YEAR	SCALE	SUMMARY
1891, 1892, 1893	1:125,000	Site: The Site was vacant with no structures. Surrounding Area: The surrounding properties were shown as vacant. Railroad tracks were shown to the west of the Site, with a road shown running parallel to the tracks.
1944	1:62,500	Site: The Site was shown as vacant, although a single structure was shown on the northern property line. Surrounding Area: The surrounding area showed rural development, with a network of paved and dirt roads and structures scattered along both. Paved roads were shown on the northern and western boundaries of the Site. The Town of Loomis was shown to the north as developed with paved roads and structures.
1954	1:24,000	Site: The Site was developed as orchard. The single structure remained on the northern property line. Surrounding Area: The surrounding area was developed with orchards and vineyards.
1967	1:24,000	Site: The Site was shown as vacant, and the orchard no longer present. The single structure on the northern boundary was no longer present. A second structure was now present on the eastern boundary of the Site adjacent to a dirt road running north-south from Brace Road in the northeast corner of the Site, and extending into the Site approximately 500 feet. Surrounding Area: Seven new, large structures were shown adjacent to the northern boundary. Additional structures were shown to the north and east of the Site. Interstate 80 is shown to the east of the Site.
1981	1:24,000	Site: The Site is depicted as essentially unchanged from the 1967 topographic map. Surrounding Area: The northern extension of Sierra College Boulevard, across the railroad tracks from the Site, was shown.

**TABLE 5-3 (Continued)
Historical Topographic Maps Reviewed**

YEAR	SCALE	SUMMARY
2012	1:24,000	<p>Site: The 2012 topographic map depicted roads and other physical features, but did not depict structures in the area. Thus, no structures or other features were depicted on the Site.</p> <p>Surrounding Area: Roads in the Site vicinity included Brace Road (adjoined to the north of the Site) and Sierra College Boulevard (adjoined to the west of the Site).</p>

5.5 BUILDING DEPARTMENT

EDR provided an EDR Building Permit Report (EDR, 2016g) for the Site. EDR responded that it does not have access to the building parcel information for the Site. Additional information is presented in Sections 4.3.4 and 4.3.5.

5.6 PREVIOUS ASSESSMENTS

A previous Phase I Environmental Site Assessment, performed in 2005 by Soil Search Engineering, was provided to Kleinfelder for review. Soil Search Engineering reported that they found no RECs for the Site (Soil Search Engineering, 2005).

6 SITE RECONNAISSANCE

Kleinfelder’s Phase I ESA activities included a Site reconnaissance. This section summarizes the findings from the Site reconnaissance.

6.1 METHODOLOGY AND LIMITING CONDITIONS

Mr. Mark Lee of Kleinfelder performed a Site reconnaissance on September 19, 2016. The Site reconnaissance included a visual inspection of the Site to assist in identifying the presence or likely presence of hazardous substances or petroleum hydrocarbons under conditions that indicate an existing release, a past release, or threat of release into structures, soil, groundwater, or surface water at the Site (i.e., RECs). Observations of readily-apparent environmental conditions are summarized in Table 6-1, and color photographs of the Site are presented on Figures 3 through 8. The approximate Site boundaries are shown on Figure 2.

6.2 GENERAL SITE SETTING

The Site is located at the southeast corner of the intersection of Brace Road (located north of the Site) and Sierra College Boulevard (located west of the Site) in the Town of Loomis, California. At the time of the Site reconnaissance, the Site was vacant land.

6.3 SITE OBSERVATIONS

Kleinfelder’s Site observations are summarized in Table 6-1.

**TABLE 6-1
Site Observations**

GENERAL OBSERVATIONS	REMARKS	OBSERVED	NOT OBSERVED
Current use	Vacant lot	X	
Current use likely to indicate RECs	None observed.		X
Past use	Not observed, although historical aerial photographs and topographic maps indicate the Site was once an orchard		X
Past use likely to indicate RECs	Not observed; however, persistent pesticides and petroleum hydrocarbons from smudge pots can be associated with orchards.		X
Structures	None observed.		X
Roads	Dirt paths, foot trails	X	
Topography of Site and surrounding area	Mostly flat with trees and brush	X	
ASTs	None observed on Site.		X

GENERAL OBSERVATIONS	REMARKS	OBSERVED	NOT OBSERVED
Below grade vaults	One traffic signal vault at the northwest corner of the Site, along Brace Road.	X	
Burned or buried debris	None observed.		X
Chemical storage	None observed.		X
Chemical mixing areas	None observed.		X
Discolored soil or water	None observed.		X
Ditches, streams	Dry, running northwest-southeast through the center of the Site and west-east along the southern fence line.	X	
Drains and piping	None observed.		X
Drums	None observed.		X
Electrical or hydraulic equipment (polychlorinated biphenyls [PCBs])	One pole-mounted transformer adjacent to the east of the Site; potentially on Site. No Non-PCB sticker observed.	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
Fill dirt from an unknown source	None observed.		X
Fill dirt from a known source	None observed.		X
Hazardous chemical and petroleum products in connection with known use	None observed.		X
Hazardous chemical and petroleum products in connection with unknown use	None observed.		X
Non-hazardous containers with contents	None observed.		X
Hazardous waste storage	None observed.		X
Heating and cooling system and fuel source	None observed.		X
Industrial waste treatment equipment	None observed.		X
Loading and unloading areas	None observed.		X
Odors	None observed.		X
Pits, ponds, or lagoons	None observed.		X
Pools of liquid	None observed.		X
Process waste water	None observed.		X
Sanitary sewer system	None observed.		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
Septic system (e.g. tank and leach fields)	None observed.		X
Soil piles	A small soil pile was observed at the southeast corner of the Site (see Solid Waste below). Small soil piles were observed in the southeastern portion of the Site, created as dirt bike jumps.	X	
Solid waste/evidence of unauthorized dumping	Wood, wooden pallets, fencing material, miscellaneous debris, soil and brush were observed on the southeastern portion of the Site, adjacent to a gate built into the fence.	X	
Stained pavement, soil or concrete	None observed.		X
Stains or corrosion (interior, non-water)	None observed.		X
Storm drains/catch basins	Culverts and storm drains along Sierra College Boulevard, storm drains on Brace Road and Starlight Lane.	X	
Stressed vegetation	None observed.		X
Sumps and clarifiers	None observed.		X
Surface water	None observed.		X
Underground storage tank(s) (including heating oil tanks)	None observed.		X
Unidentified substance containers	None observed.		X
Waste water discharge	None observed.		X
Water supplies (potable and process)	None observed.		X
Wells (irrigation, monitoring, or domestic)	One domestic well along eastern Site boundary.	X	
Wells (dry)	None observed.		X
Wells (oil and gas)	None observed.		X

6.4 RESULTS OF SITE RECONNAISSANCE

The Site consists of vacant land with no structures or other features observed, other than Starlight Lane, which runs in a north-south direction at the northeastern corner of the Site. A dry stream crosses the Site from northwest to southeast. One domestic well adjacent to the eastern Site

boundary may be on-Site. A gate was observed in the fencing that marked the boundary of the Site and the residences to the east, at the southeastern portion of the Site. Piles of wood, wooden pallets, fencing, dirt, brush and other debris were observed adjacent to the gate on Site (Figure 7). Hazardous materials were not observed in the debris pile, and it appeared to be used as a storage/disposal area by the adjoining resident. An area of disturbed ground was observed in the southeastern portion of the Site, which included small dirt piles as dirt bike jumps and associated small excavations.

Evidence of USTs, ASTs, pits, ponds, or lagoons was not observed on the Site during the reconnaissance. One AST was observed on the adjacent property to the north, which appeared to be a water tank (Figure 8).

7 INTERVIEWS

Key Site Managers are contacted to obtain current and historical environmental information concerning the Site. The following sections highlight information revealed during the interviews.

7.1 INTERVIEW WITH CLIENT

Kleinfelder submitted a Phase I ESA User Questionnaire to the Client. The questionnaire was completed on December 8, 2016 by Mr. Michael Okuma with Costco. The questionnaire responses indicated the following:

- Costco, the User of this Phase I ESA, has no specialized knowledge or experience related to the Site or nearby properties.
- Costco does not have any information indicating that the purchase price being paid for the Site does not reasonably reflect the fair market value of the Site.
- Costco is not aware of conditions indicative of releases or threatened releases at the Site.
- Costco is not aware of obvious indicators that point to the presence or likely presence of contamination at the Site.

A copy of the User Questionnaire is provided in Appendix C.

7.2 INTERVIEW WITH OWNER/MANAGER

On September 14, 2016, Kleinfelder spoke with Peter Saetes, of Saetes Investments, who is the owner's representative for the Site. Mr. Saetes stated that there are 0.13 acre of wetlands present on the Site, and that the national permit is currently being prepared. He also noted that there were two residential structures formerly located adjacent to the Site east of Starlight Lane. These structures were demolished and removed as a fire project for the local fire department.

7.3 INTERVIEWS WITH LOCAL GOVERNMENT OFFICIALS

During a January 17, 2017 telephone conversation between Kleinfelder and Ms. Laura Rath, Environmental Health Specialist at Placer County Environmental Health, Ms. Rath indicated that lead arsenate was historically used in former orchards in Placer County, and that lead and arsenic are contaminants that are commonly found in soils.

8 EVALUATION

Kleinfelder performed this Phase I ESA of the Site in conformance with the scope and limitations of the Standard Practice, the scope of services in our Proposal No. MPCOSTCO.001C/IRV16P45931, dated August 29, 2016, and in accordance with Costco Wholesale Development Requirements, Version 2014, Revised June 13, 2014. The following sections describe Kleinfelder's findings and provide general background information about the Site. Findings address RECs, HRECs, CRECs, and notation of *de minimis* quantities, as applicable to the Site. In summary, Kleinfelder's assessment revealed the following information concerning the Site:

8.1 BACKGROUND

The following is a summary of Site background information:

- The Site is located on Placer County APNs 045-042-034-000, 045-042-035-000, 045-042-036-000, and a portion of 045-042-037-000. The Site totals 17.2 acres.
- Most of the Site was historically developed as orchards from at least 1938 until sometime between 1954 and 1966. Dirt roads were present at the Site as early as 1938. A structure associated with a residential building located off-Site to the north was present on the northern Site boundary in 1938. A second structure (unknown purpose) was present in the center of the Site from at least 1938 until prior to 1952, and a third structure (unknown purpose) was present on the eastern side of the Site between 1966 and 2009. A well and a pole-mounted transformer were located on the eastern side of the Site adjoining the remains of the former eastern structure. Although the use of the structures is not known, the potential exists that they may have been associated with agricultural operations and storage of equipment and/or chemicals.

8.2 FINDINGS AND OPINIONS

The following is a summary of the findings and opinions of this Phase I ESA:

- Shallow soils across the Site and beneath the former Site structures may have been impacted with residual pesticides and petroleum hydrocarbons from historical orchard operations. Although the use of the structures is not known, the potential exists that they may have been associated with agricultural operations and storage of equipment and/or chemicals. Orchards typically utilize smudge pots which use petroleum hydrocarbons to reduce the potential for freezing, and also may have been routinely treated with pesticides (such as lead arsenate) and other chemicals, which may remain in the Site soils. Also,

according to Placer County Environmental Health, lead and arsenic are contaminants commonly found at former orchards in Placer County.

- A rectangular feature was visible in aerial photographs near the south end of a dirt road (Starlight Lane), extending in an east-west direction toward the eastern Site boundary from at least 1966 through 1993. It is not clear what this feature was, but an area of disturbed ground was noted in the general vicinity during the Site reconnaissance. In Kleinfelder's opinion, the location of the former unknown feature warrants further investigation.
- A gate was observed in the fencing that marked the boundary of the Site and the residences to the east, at the southeastern portion of the Site. Piles of wood, wooden pallets, fencing, dirt, brush and other debris were observed adjacent to the gate on Site. This location appears to be used as a storage/disposal area by the adjoining resident. Hazardous materials were not observed in the debris pile.
- A gasoline station with USTs has operated since approximately 1999 on the adjacent property south of the Site. The gasoline station property is believed to be hydrogeologically cross-gradient to potentially up-gradient relative to the Site. Groundwater in the vicinity has been reported at depths as shallow as 2 feet bgs. Although no releases have been reported at the gasoline station, its operation for almost two decades increases the likelihood that undetected spills or leakage have occurred during operations, resulting in impacts to the shallow groundwater. Based on the gasoline station's potentially up-gradient location relative to the Site, impacted groundwater beneath the gasoline station may make its way towards and beneath the Site.

8.3 DEVIATIONS AND ADDITIONAL SERVICES

Kleinfelder's scope of services did not include Standard Practice non-scope evaluations of cultural, historic, and archaeological resources, ACM, radon, LBP, lead in drinking water, industrial hygiene, health and safety, indoor air quality/vapor intrusion, high-voltage power lines, or wetlands and surface water. Kleinfelder understands these non-scope evaluations may be requested by Kleinfelder at a later time. At the request of the Client, a wetlands survey was not included as part of the scope of services for this Phase I ESA.

Kleinfelder's scope of services included evaluations of threatened, endangered, and other protected species pursuant to Development Requirements, Version 2014, revised June 13, 2014. A summary of the results of these evaluations is provided in Section 8.3.1 below.

8.3.1 Protected Plant/Wildlife Assessment

Kleinfelder contracted with Rincon Consultants to perform a biological survey for the potential occurrence of special status plant and wildlife species at the Site. A copy of Rincon's report is provided in Appendix E.

Rincon queried the California Department of Fish and Wildlife (CDFW) California Natural Diversity Database (CNDDDB). Based on Rincon's review of the database search results and the habitats observed at the Site during the Site reconnaissance, 31 special status plant species and 23 special status wildlife species have potential to occur at the Site.

Additionally, the Site contains nesting habitat for several bird species including raptors, and one nest consistent with a small raptor was observed on-Site. Nesting birds are protected by the Migratory Bird Treaty Act (MBTA) and California Fish and Game Code (CFGC).

Rincon's report identified the following:

- All 31 of the special status plant species identified from within two miles of the Site have a moderate to high potential of occurrence on-Site, although the regular disking of the Site reduces the likelihood of occurrence.
- Twelve special status wildlife species are identified from within two miles of the Site. Of these, the purple martin and the white-tailed kite have a moderate to high potential for occurrence based on current Site conditions.
- Further analysis is needed to determine if the Site could support vernal pools and if, therefore, any vernal pool dependent species may potentially occur.
- Biological surveys are required for any plants listed in vernal pool areas for projects requiring 404 permits. Surveys should be conducted during the spring and summer months.
- The presence of numerous, large trees presents a high possibility for nesting birds to become present on the Site during the nesting season, generally February through August.
- To comply with MBTA and CFGC, all construction activities should be conducted outside of nesting season (February 1 through August 31). If nesting season is unavoidable, an initial bird survey must be conducted no more than 14 days prior to initiation of project activities (land clearing or vegetation removal). If nesting birds are found, construction activities must be conducted outside a buffer zone from the nest (minimum 100 feet for non-raptor species and 1,320 feet for raptor species).

8.4 CONCLUSIONS

Kleinfelder has performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527-13 of the properties located at the southeast corner of Brace Road and Sierra College Boulevard in the Town of Loomis, Placer County, California. Any exceptions to, or deviations from, this practice are described in Section 8.3 of this report. This assessment has revealed the following RECs:

- The former orchard use of the Site, and associated structures that may have been used for storage of equipment and/or chemicals. Orchards typically utilize smudge pots which use petroleum hydrocarbons to reduce the potential for freezing, and also may have been routinely treated with pesticides (such as lead arsenate) and other chemicals, which may remain in the Site soils. Also, according to Placer County Environmental Health, lead and arsenic are contaminants commonly found at former orchards in Placer County.
- The gasoline station adjoining the Site, which has operated for approximately 18 years. Although no releases have been reported at the gasoline station, its operation for almost two decades increases the likelihood that undetected spills or leakage have occurred during operations, resulting in impacts to the shallow groundwater. Based on the gasoline station's potentially up-gradient location relative to the Site, impacted groundwater beneath the gasoline station may make its way towards and beneath the Site.

Although not a REC, in Kleinfelder's opinion, the location of the former rectangular feature of unknown use at the east central portion of the Site warrants further investigation.

8.5 RECOMMENDATIONS

Based on the findings and conclusions of this Phase I ESA, Kleinfelder has the following recommendations for further assessment.

- To assess for impacts that may have resulted from historical orchard operations, Kleinfelder recommends sampling and analysis of the surficial soils across the Site and soils beneath the former Site structures for pesticides (specifically lead arsenate) and petroleum hydrocarbons.
- Based on the unknown use of the former rectangular feature observed in the aerial photographs, Kleinfelder recommends soil sampling at this location assess for contaminants in the subsurface.

- Based on proximity and potential releases from the adjoining service station, conducting baseline soil and groundwater sampling is recommended at the location of the proposed Costco fueling facility.
- Debris and stored material along the eastern portion of the Site should be removed prior to construction.
- The groundwater well located on the eastern side of the Site should be abandoned per state and county standards.

8.6 DATA GAPS

Based on information obtained/reviewed as part of this Phase I ESA, it is Kleinfelder's opinion that no data gaps (which may constitute a data failure) have been identified.

9 REFERENCES

California Department of Water Resources (CDWR), 2004. California Groundwater Bulletin 118, Sacramento River Hydrologic Region, Redding Groundwater Basin, Enterprise Subbasin, February 27.

California Department of Conservation, California Geological Survey (CGS), 2002, Note 36, California Geomorphic Provinces.

California Regional Water Quality Control Board, 2002, No Further Action Required Memorandum, Shamrock Pump & Equipment, 3985 Taylor Road, Loomis, Placer County, (LUSTIS #310091). May 7.

_____, 2004, No Further Action Required Memorandum, Underground Storage Tank, Former Chevron #9-6705, 4365 Sierra College Blvd, Auburn, Placer County, (LUSTIS #310031). May 4.

_____, 2007, No Further Action Required Memorandum, Underground Storage Tanks, 4390 Sierra College Blvd, Rocklin, Placer County, (LUSTIS #310341). February 9.

_____, 2008, No Further Action Required Memorandum, Underground Storage Tanks, 4281 Sierra College Blvd, Rocklin, Placer County, (LUSTIS #310400). June 10.

Environmental Data Resources Inc. (EDR), 2016a. EDR Environmental Lien and AUL Search, SEC Brace Rd and Sierra College Blvd, Loomis, CA 95650, Inquiry Number: 4722099.7, September 12.

_____, 2016b. The EDR Radius Map™ Report With GeoCheck®, SEC Brace Rd and Sierra College Blvd, Loomis, CA 95650, Inquiry Number: 4722099.2s, September 08.

_____, 2016b. Certified Sanborn® Map Report, SEC Brace Rd and Sierra College Blvd, Loomis, CA 95650, Inquiry Number: 4722099.3, September 08.

_____, 2016c. The EDR Aerial Photo Decade Package, SEC Brace Rd and Sierra College Blvd, Loomis, CA 95650, Inquiry Number: 4722099.12, September 13.

_____, 2016d. The EDR-City Directory Image Report, SEC Brace Rd and Sierra College Blvd, Loomis, CA 95650, Inquiry Number: 4722099.5, September 12.

_____, 2016f. EDR Historical Topo Map Report with QuadMatch™, SEC Brace Rd and Sierra College Blvd, Loomis, CA 95650, Inquiry Number: 4722099.4, September 08.

_____, 2016g. EDR Building Permit Report, SEC Brace Rd and Sierra College Blvd, Loomis, CA 95650, Inquiry Number: 4722099.8, September 08.

MWH, 2007, Western Placer County Groundwater Management Plan, November.

Rincon Consultants, Inc., 2016. Biological Resources Constraints Analysis for APNs 045-042-035-000, 045-042-034-000, 045-042-037-000, and 045-042-036-000 in the City of Loomis, Placer County, California. September 27.

SECOR International, Inc. (SECOR), 2007. Quarterly Groundwater Monitoring Report Third Quarter 2007, 7-Eleven Store, 4281 Sierra College Boulevard, Rocklin, California. October 12.

Soil Search Engineering, 2005. Phase I Environmental Site Assessment, Loomis Property, Sierra College Boulevard and Brace Road, Placer County, California. February 25.

TRC, 2005. Semi-Annual Monitoring Report October 2004 through March 2005, 4390 Sierra College Boulevard, Rocklin, CA. February 28.

_____, 2006. Quarterly Monitoring Report 76 Station 6008, 4390 Sierra College Boulevard Rocklin, CA. December 18.

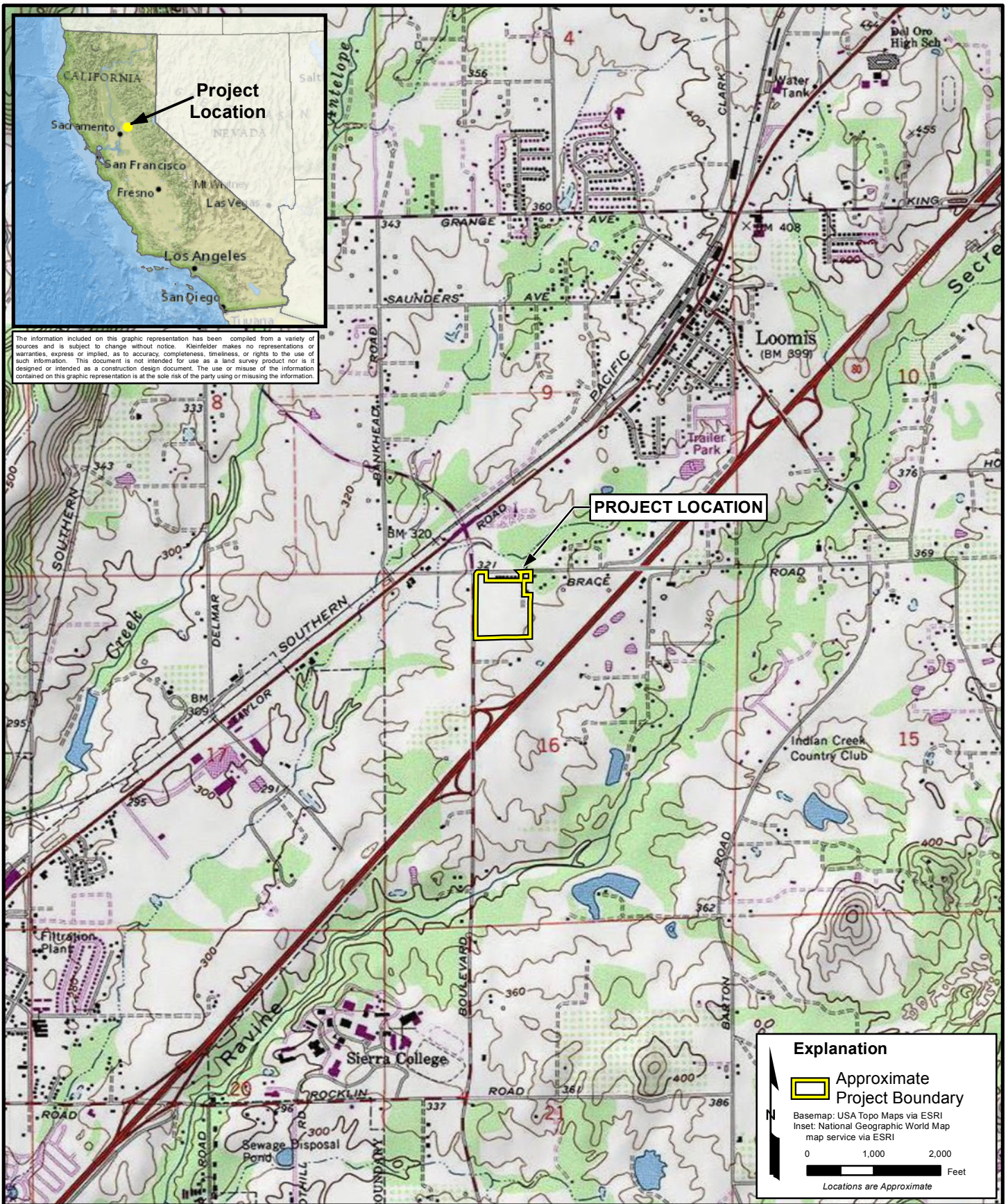
United States Geological Survey (USGS), 1996. Geologic Map of California, scale 1:2,500,000.

United States Geological Survey (USGS), 2012. 7.5-minute Topographic Map of the Rocklin California Quadrangle, scale 1:24,000.


FIGURES



The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Kleinfelder makes no representations or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. This document is not intended for use as a land survey product nor is it designed or intended as a construction design document. The use or misuse of the information contained on this graphic representation is at the sole risk of the party using or misusing the information.



Explanation

 Approximate Project Boundary

Basemap: USA Topo Maps via ESRI
 Inset: National Geographic World Map map service via ESRI

0 1,000 2,000 Feet

Locations are Approximate



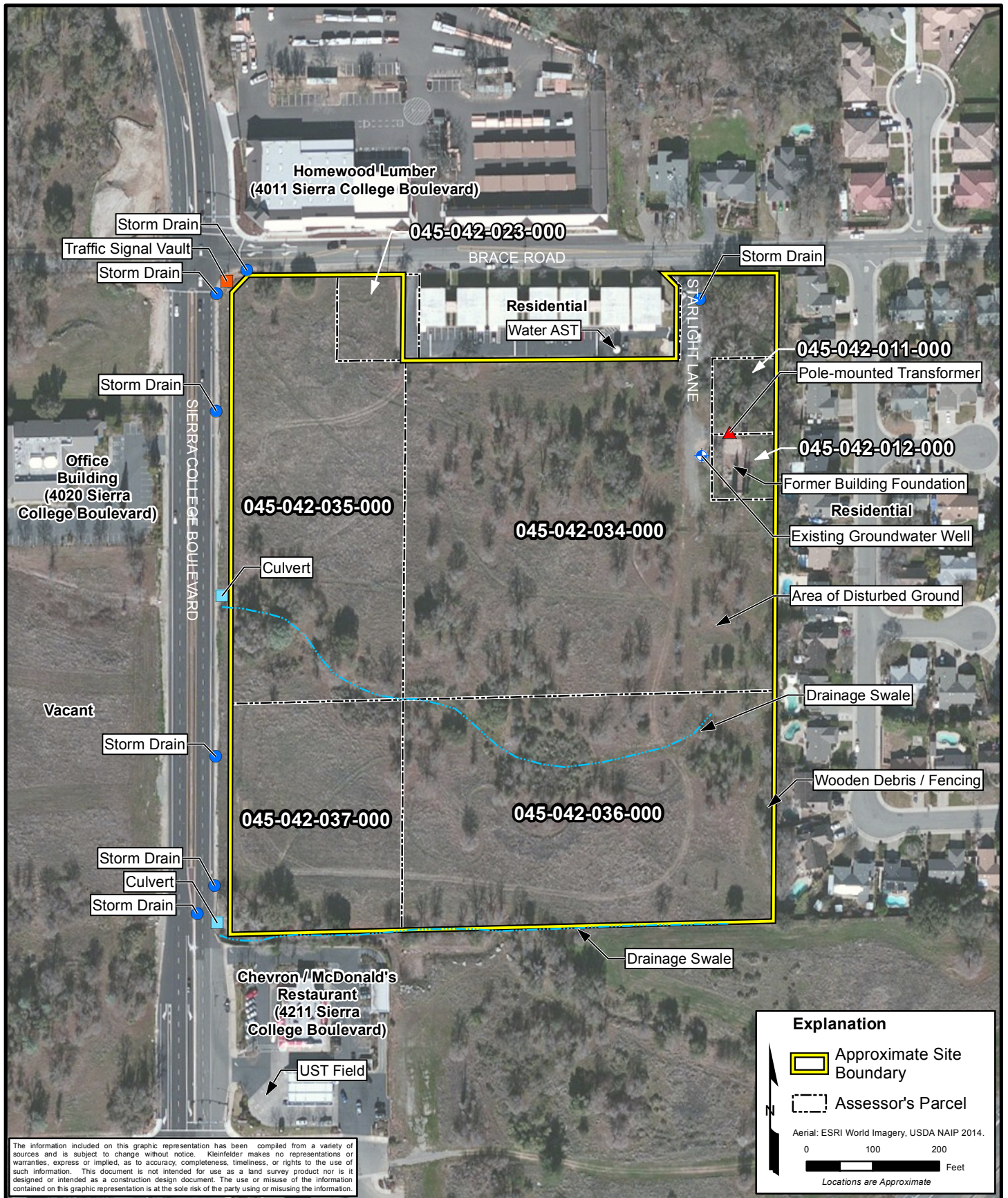
PROJECT:	20172062
DRAWN:	10/2016
DRAWN BY:	K. HAGAN
CHECKED BY:	M. CARROLL
FILE NAME:	Figure1.mxd

PROJECT LOCATION MAP

PROPOSED COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY
 SOUTHEAST CORNER OF BRACE ROAD AND SIERRA COLLEGE BOULEVARD
 LOOMIS, CALIFORNIA

FIGURE

1



The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Kleinfelder makes no representations or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. This document is not intended for use as a land survey product nor is it designed or intended as a construction design document. The use or misuse of the information contained on this graphic representation is at the sole risk of the party using or misusing the information.


Explanation

- Approximate Site Boundary
- Assessor's Parcel

Aerial: ESRI World Imagery, USDA NAIP 2014.

0 100 200 Feet

Locations are Approximate

 <p>KLEINFELDER Bright People. Right Solutions.</p>	PROJECT: 20172062	<p>SITE VICINITY AERIAL PHOTOGRAPH</p> <p>PROPOSED COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY SOUTHEAST CORNER OF BRACE ROAD AND SIERRA COLLEGE BOULEVARD LOOMIS, CALIFORNIA</p>	FIGURE
	DRAWN: 03/2017		2
	DRAWN BY: K. HAGAN		
	CHECKED BY: M. CARROLL		
FILE NAME: P1_Figure2.mxd			



View on-Site looking southwest from the intersection of Brace Road and Sierra College Boulevard.



View on-Site looking northeast from the southwestern corner of the Site.

Original in Color



PROJECT:	20172062
DRAWN:	10/2016
DRAWN BY:	KFH
CHECKED BY:	MRC
FILE NAME:	Figure3-8.ppt

SITE PHOTOGRAPHS
PROPOSED COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY SOUTHEAST CORNER OF BRACE ROAD AND SIERRA COLLEGE BOULEVARD LOOMIS, CALIFORNIA

FIGURE
3



View on-Site looking northwest from the southeastern corner of the Site.



View on-Site looking north from the southern Site boundary.

Original in Color



PROJECT:	20172062
DRAWN:	10/2016
DRAWN BY:	KFH
CHECKED BY:	MRC
FILE NAME:	Figure3-8.ppt

SITE PHOTOGRAPHS
PROPOSED COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY SOUTHEAST CORNER OF BRACE ROAD AND SIERRA COLLEGE BOULEVARD LOOMIS, CALIFORNIA

FIGURE
4



View off-Site looking north across Brace Road.



View off-Site looking north across Brace Road.

Original in Color



PROJECT:	20172062
DRAWN:	10/2016
DRAWN BY:	KFH
CHECKED BY:	MRC
FILE NAME:	Figure3-8.ppt

SITE PHOTOGRAPHS
PROPOSED COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY SOUTHEAST CORNER OF BRACE ROAD AND SIERRA COLLEGE BOULEVARD LOOMIS, CALIFORNIA

FIGURE
5



View off-Site looking west across Sierra College Boulevard.



View of off-Site property adjacent to the south of the Site.

Original in Color



PROJECT:	20172062
DRAWN:	10/2016
DRAWN BY:	KFH
CHECKED BY:	MRC
FILE NAME:	Figure3-8.ppt

SITE PHOTOGRAPHS
PROPOSED COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY SOUTHEAST CORNER OF BRACE ROAD AND SIERRA COLLEGE BOULEVARD LOOMIS, CALIFORNIA

FIGURE
6



Culvert near southwestern corner of the Site.



Wood debris / fencing on-Site, near the east side of the Site.

Original in Color



PROJECT:	20172062
DRAWN:	10/2016
DRAWN BY:	KFH
CHECKED BY:	MRC
FILE NAME:	Figure3-8.ppt

SITE PHOTOGRAPHS
PROPOSED COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY SOUTHEAST CORNER OF BRACE ROAD AND SIERRA COLLEGE BOULEVARD LOOMIS, CALIFORNIA

FIGURE
7



Existing groundwater well adjacent to eastern Site boundary; potentially on-Site. Associated with pole-mounted transformer and foundation for removed residential structure. Transformer and foundation are off-Site.



Off-Site water AST located adjacent to northern Site boundary.

Original in Color



PROJECT:	20172062
DRAWN:	10/2016
DRAWN BY:	KFH
CHECKED BY:	MRC
FILE NAME:	Figure3-8.ppt

SITE PHOTOGRAPHS
PROPOSED COSTCO WHOLESALE WAREHOUSE AND FUEL FACILITY SOUTHEAST CORNER OF BRACE ROAD AND SIERRA COLLEGE BOULEVARD LOOMIS, CALIFORNIA

FIGURE
8

APPENDIX A
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

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



Karin F. Hagan
Environmental Professional



Lizanne Simmons, PG
Senior Principal Geologist

The resumes of above-listed environmental professionals performing this Phase I ESA are on file at the Kleinfelder office and are available upon request.

APPENDIX B
REGULATORY AGENCY DATABASE REPORT

SEC Brace Rd and Sierra College Blvd
SEC Brace Rd and Sierra College Blvd
Loomis, CA 95650

Inquiry Number: 4722099.2s
September 08, 2016

The EDR Radius Map™ Report with GeoCheck®



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

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	88
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-10
Physical Setting Source Records Searched	PSGR-1

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

Disclaimer - Copyright and Trademark Notice

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

Copyright 2016 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

SEC BRACE RD AND SIERRA COLLEGE BLVD
LOOMIS, CA 95650

COORDINATES

Latitude (North): 38.8092130 - 38° 48' 33.16"
Longitude (West): 121.2033690 - 121° 12' 12.12"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 655999.9
UTM Y (Meters): 4296930.5
Elevation: 336 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5629068 ROCKLIN, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140713
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
SEC BRACE RD AND SIERRA COLLEGE BLVD
LOOMIS, CA 95650

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	7-ELEVEN STORE #3263	4181 SIERRA COLLEGE	FINDS, ECHO	Lower	132, 0.025, SW
A2	CHEVRON STATION NO 2	4211 SIERRA	RCRA-SQG, FINDS, HAZNET, ECHO	Higher	149, 0.028, SSW
A3		4211 SIERRA COLLEGE	EDR Hist Auto	Lower	150, 0.028, SW
A4	CHEVRON USA - SIERRA	4211 SIERRA COLLEGE	EMI, CA PLACER CO. MS	Lower	150, 0.028, SW
A5	CHEVRON-ROCKLIN	4211 SIERRA COLLEGE	UST	Lower	150, 0.028, SW
A6	CHEVRON USA - SIERRA	4211 SIERRA COLLEGE	FINDS, ECHO	Lower	150, 0.028, SW
7	HOMWOOD LUMBER	4011 SIERRA COLLEGE	CA PLACER CO. MS	Lower	282, 0.053, NNW
B8	7-ELEVEN INC.	4281 SIERRA COLLEGE	LUST, CA PLACER CO. MS	Higher	444, 0.084, SSW
B9	7-ELEVEN INC.	4281 SIERRA COLLEGE	LUST	Higher	444, 0.084, SSW
B10	7-11 CONVENIENCE STO	4281 SIERRA COLLEGE	UST	Higher	444, 0.084, SSW
B11	7-ELEVEN INC #32636	4281 SIERRA COLLEGE	FINDS, ECHO	Higher	456, 0.086, SSW
12	ARCO AMPM	4280 SIERRA COLLEGE	CA PLACER CO. MS, NPDES	Lower	588, 0.111, SSW
C13	SHAMROCK PUMP & EQUI	3985 TAYLOR RD (AKA:	LUST	Lower	703, 0.133, WNW
C14		3985 TAYLOR RD	EDR Hist Auto	Lower	746, 0.141, WNW
C15	AUTO-TEC	3985 TAYLOR RD	CA PLACER CO. MS	Lower	746, 0.141, WNW
D16	CHEVRON #6705 CLOSED	4365 SIERRA COLLEGE	SWEEPS UST, CA PLACER CO. MS	Higher	754, 0.143, SSW
D17	CHEVRON #9-6705	4365 SIERRA COLLEGE	LUST, SWEEPS UST, HIST CORTESE	Higher	754, 0.143, SSW
D18	96705	4365 SIERRA COLLEGE	HIST UST	Higher	754, 0.143, SSW
19	KOA, LOOMIS	3945 TAYLOR RD	CA PLACER CO. MS	Higher	841, 0.159, NNE
D20	HIGHBRIDGE RANCH	4436 SIERRA COLLEGE	SWEEPS UST, HIST UST	Higher	844, 0.160, SSW
C21	VALLEY ROCK (LOOMIS)	4018 TAYLOR RD	SLIC, CA PLACER CO. MS	Lower	857, 0.162, WNW
D22	TARGET STORE T2604	5104 COMMONS DR	RCRA-SQG, FINDS, ECHO	Higher	899, 0.170, SSW
E23	FOREST PRODUCTS MANU	PACIFIC STREET, INDU	SLIC	Lower	921, 0.174, West
E24	MC CONCEPTS LLC	4013 TAYLOR RD	HAZNET, CA PLACER CO. MS	Lower	951, 0.180, WNW
25		4390 SIERRA COLLEGE	EDR Hist Auto	Higher	1028, 0.195, SSW
26	DEL MAR HEADQUARTERS	3930 SIERRA COLLEGE	RCRA-SQG, FINDS, CA PLACER CO. MS, ECHO	Lower	1105, 0.209, NW
27	PEARSON AUTOMOTIVE S	4175 TAYLOR RD	HIST CORTESE, CA PLACER CO. MS	Lower	1377, 0.261, West
28	SAMUEL E. ROSE & BET	3921 SIERRA COLLEGE	SWEEPS UST, HIST UST	Lower	1458, 0.276, NNW
F29	SS #6008 (FORMER UNO	4390 SIERRA COLLEGE	LUST, SWEEPS UST, HIST CORTESE, CA PLACER CO. MS	Lower	1590, 0.301, SW
F30	SS #6008 (FORMER UNO	4390 SIERRA COLLEGE	LUST	Lower	1590, 0.301, SW
F31	UNION OIL SS 6008	4390 SIERRA COLLEGE	HIST UST	Lower	1590, 0.301, SW
32	FOREST PRODUCTS MANU	ANTHONY COURT	RESPONSE, ENVIROSTOR, HIST Cal-Sites	Lower	3338, 0.632, WSW
33	ROCKLIN OPERATION	300 DOMINGUEZ RD	ENF, WDS	Lower	3628, 0.687, SW
34	FOREST PRODUCTS MFG.	4315 DOMINGUEZ ROAD	CA BOND EXP. PLAN, EMI	Lower	3735, 0.707, WSW
35	LOOMIS MS4 PHASE II	6140 HORSESHOE BAR	ENF, NPDES, WDS	Higher	4142, 0.784, NE
36	LOUISIANA-PACIFIC CO	4300 DOMINGUEZ ROAD	ENVIROSTOR, LUST, HIST CORTESE, CA PLACER CO. MS,...	Lower	4397, 0.833, WSW
37	LEGACY PLUMBING	4335 PACIFIC ST	ENVIROSTOR, EMI	Lower	4746, 0.899, WSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site list

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

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

EXECUTIVE SUMMARY

Federal ERNS list

ERNS..... Emergency Response Notification System

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

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

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

AST..... Aboveground Petroleum Storage Tank Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

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

ODI..... Open Dump Inventory

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

SCH..... School Property Evaluation Program

CDL..... Clandestine Drug Labs

Toxic Pits..... Toxic Pits Cleanup Act Sites

US CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST..... Facility Inventory Database

EXECUTIVE SUMMARY

Local Land Records

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

Records of Emergency Release Reports

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

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
RADINFO..... Radiation Information Database
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS..... Incident and Accident Data
CONSENT..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV..... Indian Reservations
FUSRAP..... Formerly Utilized Sites Remedial Action Program
UMTRA..... Uranium Mill Tailings Sites
LEAD SMELTERS..... Lead Smelter Sites
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
US MINES..... Mines Master Index File
UXO..... Unexploded Ordnance Sites
DOCKET HWC..... Hazardous Waste Compliance Docket Listing
Cortese..... "Cortese" Hazardous Waste & Substances Sites List
CUPA Listings..... CUPA Resources List
DRYCLEANERS..... Cleaner Facilities
EMI..... Emissions Inventory Data

EXECUTIVE SUMMARY

Financial Assurance.....	Financial Assurance Information Listing
HAZNET.....	Facility and Manifest Data
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
Notify 65.....	Proposition 65 Records
UIC.....	UIC Listing
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List
ICE.....	ICE
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
ECHO.....	Enforcement & Compliance History Information

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner.....	EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting

EXECUTIVE SUMMARY

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

A review of the RCRA-SQG list, as provided by EDR, and dated 06/21/2016 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON STATION NO 2	4211 SIERRA	SSW 0 - 1/8 (0.028 mi.)	A2	8
TARGET STORE T2604	5104 COMMONS DR	SSW 1/8 - 1/4 (0.170 mi.)	D22	38
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DEL MAR HEADQUARTERS	3930 SIERRA COLLEGE	NW 1/8 - 1/4 (0.209 mi.)	26	44

State- and tribal - equivalent NPL

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

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FOREST PRODUCTS MANU	ANTHONY COURT	WSW 1/2 - 1 (0.632 mi.)	32	53
Database: RESPONSE, Date of Government Version: 05/02/2016 Status: Certified Facility Id: 31240008				

State- and tribal - equivalent CERCLIS

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 05/02/2016 has revealed that there are 3 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FOREST PRODUCTS MANU	ANTHONY COURT	WSW 1/2 - 1 (0.632 mi.)	32	53
Facility Id: 31240008 Status: Certified				
LOUISIANA-PACIFIC CO	4300 DOMINGUEZ ROAD	WSW 1/2 - 1 (0.833 mi.)	36	77

EXECUTIVE SUMMARY

Facility Id: 31240011
 Status: Refer: Other Agency

LEGACY PLUMBING

Facility Id: 31240007
 Status: Refer: Other Agency

4335 PACIFIC ST

WSW 1/2 - 1 (0.899 mi.) 37

84

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, has revealed that there are 6 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
7-ELEVEN INC. Database: LUST REG 5, Date of Government Version: 07/01/2008 Status: Case Closed	4281 SIERRA COLLEGE	SSW 0 - 1/8 (0.084 mi.)	B8	16
7-ELEVEN INC. Database: LUST, Date of Government Version: 06/13/2016 Status: Completed - Case Closed Global Id: T0606190594	4281 SIERRA COLLEGE	SSW 0 - 1/8 (0.084 mi.)	B9	17
CHEVRON #9-6705 Database: LUST, Date of Government Version: 06/13/2016 Database: LUST REG 5, Date of Government Version: 07/01/2008 Status: Completed - Case Closed Status: Case Closed Global Id: T0606100025	4365 SIERRA COLLEGE	SSW 1/8 - 1/4 (0.143 mi.)	D17	30
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SHAMROCK PUMP & EQUI Database: LUST, Date of Government Version: 06/13/2016 Database: LUST REG 5, Date of Government Version: 07/01/2008 Status: Completed - Case Closed Status: Case Closed Global Id: T0606100075	3985 TAYLOR RD (AKA:	WNW 1/8 - 1/4 (0.133 mi.)	C13	26
SS #6008 (FORMER UNO Database: LUST, Date of Government Version: 06/13/2016 Status: Completed - Case Closed Global Id: T0606100283	4390 SIERRA COLLEGE	SW 1/4 - 1/2 (0.301 mi.)	F29	47
SS #6008 (FORMER UNO Database: LUST REG 5, Date of Government Version: 07/01/2008 Status: Case Closed	4390 SIERRA COLLEGE	SW 1/4 - 1/2 (0.301 mi.)	F30	53

EXECUTIVE SUMMARY

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

A review of the SLIC list, as provided by EDR, has revealed that there are 2 SLIC sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VALLEY ROCK (LOOMIS) Database: SLIC, Date of Government Version: 06/13/2016 Facility Status: Open - Inactive Global Id: SLT5SB163554	4018 TAYLOR RD	WNW 1/8 - 1/4 (0.162 mi.)	C21	37
FOREST PRODUCTS MANU Database: SLIC, Date of Government Version: 06/13/2016 Facility Status: Completed - Case Closed Global Id: SLT5S1393179	PACIFIC STREET, INDU	W 1/8 - 1/4 (0.174 mi.)	E23	41

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 2 UST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
7-11 CONVENIENCE STO Database: UST, Date of Government Version: 06/13/2016 Facility Id: FA0004054	4281 SIERRA COLLEGE	SSW 0 - 1/8 (0.084 mi.)	B10	23
CHEVRON-ROCKLIN Database: UST, Date of Government Version: 06/13/2016 Facility Id: FA0003651	4211 SIERRA COLLEGE	SW 0 - 1/8 (0.028 mi.)	A5	15

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 HIST Cal-Sites site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FOREST PRODUCTS MANU	ANTHONY COURT	WSW 1/2 - 1 (0.632 mi.)	32	53

EXECUTIVE SUMMARY

Local Lists of Registered Storage Tanks

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 5 SWEEPS UST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON #6705 CLOSED Status: A Tank Status: A Comp Number: 491	4365 SIERRA COLLEGE	SSW 1/8 - 1/4 (0.143 mi.)	D16	29
CHEVRON #9-6705 Status: A Tank Status: A Comp Number: 62907	4365 SIERRA COLLEGE	SSW 1/8 - 1/4 (0.143 mi.)	D17	30
HIGHBRIDGE RANCH Status: A Tank Status: A Comp Number: 44925	4436 SIERRA COLLEGE	SSW 1/8 - 1/4 (0.160 mi.)	D20	36
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAMUEL E. ROSE & BET Status: A Tank Status: A Comp Number: 46427	3921 SIERRA COLLEGE	NNW 1/4 - 1/2 (0.276 mi.)	28	46
SS #6008 (FORMER UNO) Status: A Tank Status: A Comp Number: 953	4390 SIERRA COLLEGE	SW 1/4 - 1/2 (0.301 mi.)	F29	47

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 4 HIST UST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
96705 Facility Id: 00000062907	4365 SIERRA COLLEGE	SSW 1/8 - 1/4 (0.143 mi.)	D18	35
HIGHBRIDGE RANCH Facility Id: 00000044925	4436 SIERRA COLLEGE	SSW 1/8 - 1/4 (0.160 mi.)	D20	36
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAMUEL E. ROSE & BET Facility Id: 00000046427	3921 SIERRA COLLEGE	NNW 1/4 - 1/2 (0.276 mi.)	28	46
UNION OIL SS 6008	4390 SIERRA COLLEGE	SW 1/4 - 1/2 (0.301 mi.)	F31	53

EXECUTIVE SUMMARY

Facility Id: 00000060740

Other Ascertainable Records

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 07/20/2015 has revealed that there are 6 FINDS sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON STATION NO 2	4211 SIERRA	SSW 0 - 1/8 (0.028 mi.)	A2	8
7-ELEVEN INC #32636	4281 SIERRA COLLEGE	SSW 0 - 1/8 (0.086 mi.)	B11	23
TARGET STORE T2604	5104 COMMONS DR	SSW 1/8 - 1/4 (0.170 mi.)	D22	38
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
7-ELEVEN STORE #3263	4181 SIERRA COLLEGE	SW 0 - 1/8 (0.025 mi.)	A1	8
CHEVRON USA - SIERRA	4211 SIERRA COLLEGE	SW 0 - 1/8 (0.028 mi.)	A6	16
DEL MAR HEADQUARTERS	3930 SIERRA COLLEGE	NW 1/8 - 1/4 (0.209 mi.)	26	44

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

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FOREST PRODUCTS MFG.	4315 DOMINGUEZ ROAD	WSW 1/2 - 1 (0.707 mi.)	34	65

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

A review of the ENF list, as provided by EDR, and dated 05/25/2016 has revealed that there are 2 ENF sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOOMIS MS4 PHASE II Status: Active Status: Historical Facility Id: 237358	6140 HORSESHOE BAR	NE 1/2 - 1 (0.784 mi.)	35	72
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROCKLIN OPERATION	300 DOMINGUEZ RD	SW 1/2 - 1 (0.687 mi.)	33	63

EXECUTIVE SUMMARY

Status: Historical
 Status: Active
 Facility Id: 253150

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

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON #9-6705 Reg Id: 310031	4365 SIERRA COLLEGE	SSW 1/8 - 1/4 (0.143 mi.)	D17	30
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PEARSON AUTOMOTIVE S Reg Id: 310091	4175 TAYLOR RD	W 1/4 - 1/2 (0.261 mi.)	27	46
SS #6008 (FORMER UNO) Reg Id: 310341	4390 SIERRA COLLEGE	SW 1/4 - 1/2 (0.301 mi.)	F29	47

CA PLACER CO. MS: Placer County Master List of Facilities includes Aboveground Hazardous Material tanks, Underground Storage tanks, Site Clean-up sites.

A review of the CA PLACER CO. MS list, as provided by EDR, and dated 06/16/2016 has revealed that there are 10 CA PLACER CO. MS sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
7-ELEVEN INC. Facility Status: Active Facility Id: FA0004054	4281 SIERRA COLLEGE	SSW 0 - 1/8 (0.084 mi.)	B8	16
CHEVRON #6705 CLOSED Facility Status: Closed Facility Id: FA0000491	4365 SIERRA COLLEGE	SSW 1/8 - 1/4 (0.143 mi.)	D16	29
KOA, LOOMIS Facility Status: Closed Facility Status: Active Facility Id: FA0001712 Facility Id: FA0008513	3945 TAYLOR RD	NNE 1/8 - 1/4 (0.159 mi.)	19	36
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON USA - SIERRA Facility Status: Active Facility Id: FA0003651	4211 SIERRA COLLEGE	SW 0 - 1/8 (0.028 mi.)	A4	12
HOMEWOOD LUMBER Facility Status: Active Facility Id: FA0018363	4011 SIERRA COLLEGE	NNW 0 - 1/8 (0.053 mi.)	7	16
ARCO AMPM	4280 SIERRA COLLEGE	SSW 0 - 1/8 (0.111 mi.)	12	24

EXECUTIVE SUMMARY

Facility Status: Active Facility Id: FA0019746				
AUTO-TEC	3985 TAYLOR RD	WNW 1/8 - 1/4 (0.141 mi.)	C15	28
Facility Status: Active Facility Id: FA0003942				
VALLEY ROCK (LOOMIS)	4018 TAYLOR RD	WNW 1/8 - 1/4 (0.162 mi.)	C21	37
Facility Status: Active Facility Id: FA0004231				
MC CONCEPTS LLC	4013 TAYLOR RD	WNW 1/8 - 1/4 (0.180 mi.)	E24	42
Facility Status: Active Facility Id: FA0019936				
DEL MAR HEADQUARTERS	3930 SIERRA COLLEGE	NW 1/8 - 1/4 (0.209 mi.)	26	44
Facility Status: Active Facility Id: FA0001929				

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 0.25 miles of the target property.

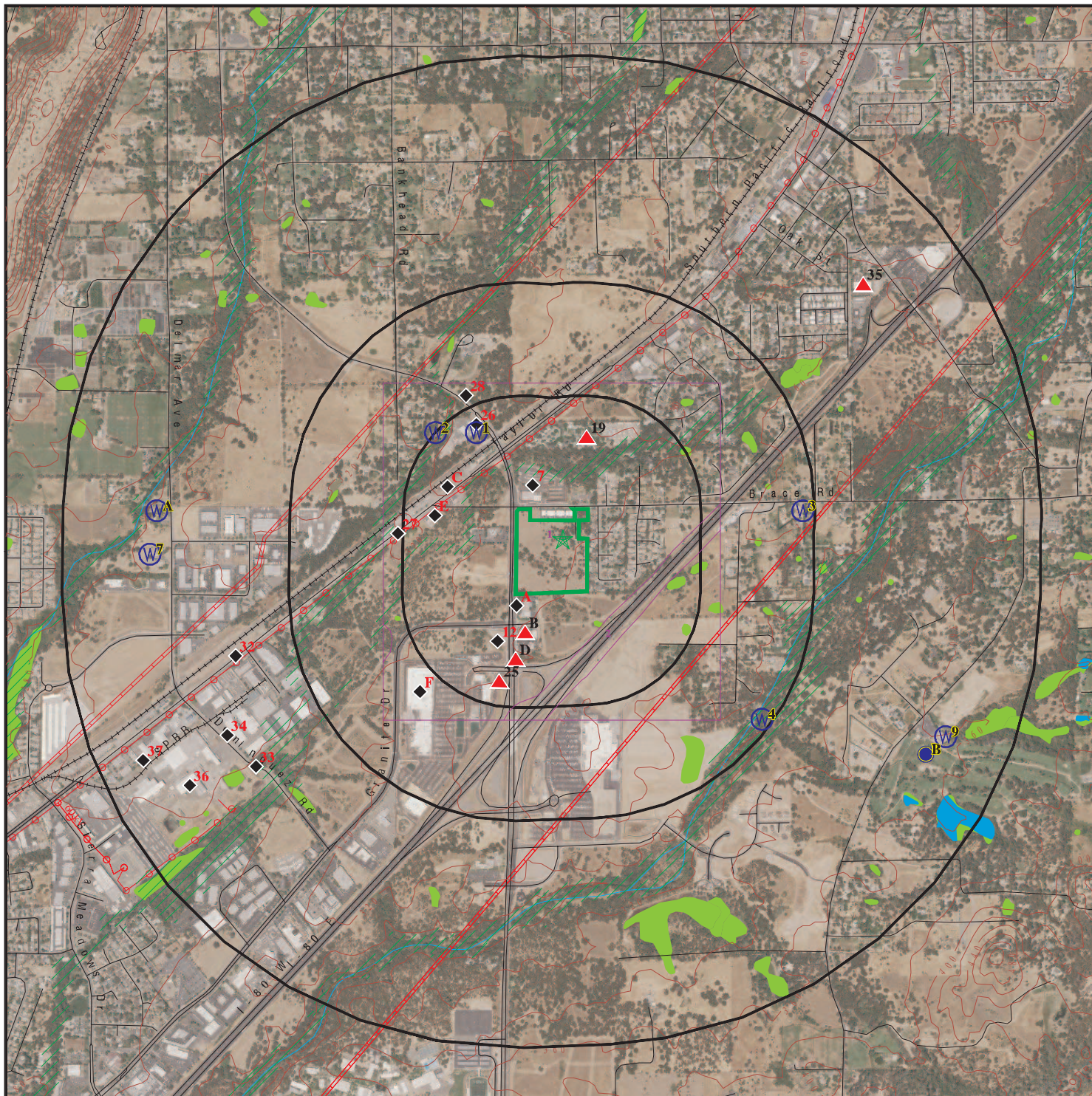
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	4390 SIERRA COLLEGE	SSW 1/8 - 1/4 (0.195 mi.)	25	43
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	4211 SIERRA COLLEGE	SW 0 - 1/8 (0.028 mi.)	A3	11
Not reported	3985 TAYLOR RD	WNW 1/8 - 1/4 (0.141 mi.)	C14	28

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 5 records.

<u>Site Name</u>	<u>Database(s)</u>
SIERRA COLLEGE BLVD WIDENING GRANI	NPDES
INTERSTATE 80 AT SIERRA COLLEGE BL	NPDES
SIERRA COLLEGE BLVD WIDENING FROM	NPDES
LINCOLN HIGHWAY ABANDONMENT PARCEL	SLIC
FOREST PRODUCTS MANUFACTURING ?	SLIC

OVERVIEW MAP - 4722099.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Pipelines

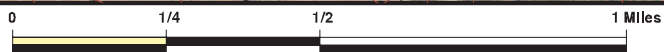
100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern



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

SITE NAME: SEC Brace Rd and Sierra College Blvd
 ADDRESS: SEC Brace Rd and Sierra College Blvd
 Loomis CA 95650
 LAT/LONG: 38.809213 / 121.203369

CLIENT: Kleinfelder, Inc.
 CONTACT: Karin Hagan
 INQUIRY #: 4722099.2s
 DATE: September 08, 2016 4:59 pm

DETAIL MAP - 4722099.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites



Indian Reservations BIA

Areas of Concern

Power transmission lines

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands



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

SITE NAME: SEC Brace Rd and Sierra College Blvd
 ADDRESS: SEC Brace Rd and Sierra College Blvd
 Loomis CA 95650
 LAT/LONG: 38.809213 / 121.203369

CLIENT: Kleinfelder, Inc.
 CONTACT: Karin Hagan
 INQUIRY #: 4722099.2s
 DATE: September 08, 2016 5:02 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	1.000		0	0	0	0	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		1	2	NR	NR	NR	3
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	TP		NR	NR	NR	NR	NR	0
US INST CONTROL	TP		NR	NR	NR	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.250		0	0	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE	1.000		0	0	0	1	NR	1
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR	1.000		0	0	0	3	NR	3
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	1.000		0	0	0	0	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		2	2	2	NR	NR	6

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
SLIC	0.500		0	2	0	NR	NR	2
State and tribal registered storage tank lists								
FEMA UST	0.500		0	0	0	NR	NR	0
UST	0.500		2	0	0	NR	NR	2
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	1	NR	1
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.500		0	3	2	NR	NR	5
HIST UST	0.500		0	2	2	NR	NR	4
CA FID UST	0.500		0	0	0	NR	NR	0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	0.250		0	0	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	1.000		0	0	0	0	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.250		4	2	NR	NR	NR	6
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	1	NR	1
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	1.000		0	0	0	2	NR	2
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	1	2	NR	NR	3
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
MINES	TP		NR	NR	NR	NR	NR	0
CA PLACER CO. MS	0.250		4	6	NR	NR	NR	10
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
ICE	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.250		1	2	NR	NR	NR	3
EDR Hist Cleaner	0.250		0	0	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0

- Totals --		0	14	22	8	8	0	52
-------------	--	---	----	----	---	---	---	----

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

A1 SW < 1/8 0.025 mi. 132 ft.	7-ELEVEN STORE #32636 - SIERRA 4181 SIERRA COLLEGE BLVD ROCKLIN, CA 95677 Site 1 of 6 in cluster A	FINDS ECHO	1015971279 N/A
---	---	-----------------------------	---------------------------------

Relative: FINDS:
Lower

Registry ID: 110054315059

Actual: Environmental Interest/Information System
 334 ft. AIR EMISSIONS CLASSIFICATION UNKNOWN

ECHO:

Envid: 1015971279
 Registry ID: 110054315059
 DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110054315059

A2 SSW < 1/8 0.028 mi. 149 ft.	CHEVRON STATION NO 205777 4211 SIERRA ROCKLIN, CA 95677 Site 2 of 6 in cluster A	RCRA-SQG FINDS HAZNET ECHO	1006805094 CAR000123398
--	---	---	--

Relative: RCRA-SQG:
Higher Date form received by agency: 05/16/2002

Actual: Facility name: CHEVRON STATION NO 205777
 337 ft. Facility address: 4211 SIERRA
 ROCKLIN, CA 956773907

EPA ID: CAR000123398
 Mailing address: P O BOX 6004
 SAN RAMON, CA 94583

Contact: KATHY NORRIS
 Contact address: P O BOX 6004
 SAN RAMON, CA 94583

Contact country: US
 Contact telephone: (925) 842-5931
 Contact email: Not reported
 EPA Region: 09
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: CHEVRON PRODUCTS CO
 Owner/operator address: P O BOX 6004
 SAN RAMON, CA 94583

Owner/operator country: Not reported
 Owner/operator telephone: (925) 842-5931
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 205777 (Continued)

1006805094

Handler Activities Summary:

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

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110013310176

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

HAZNET:

envid: 1006805094
Year: 2014
GEPaid: CAR000123398
Contact: KATHY NORRIS-SLUSHER
Telephone: 8773866044
Mailing Name: Not reported
Mailing Address: PO BOX 6004
Mailing City,St,Zip: SAN RAMON, CA 945830000
Gen County: Placer
TSD EPA ID: CAD059494310
TSD County: Santa Clara

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 205777 (Continued)

1006805094

Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0725
Cat Decode: Other organic solids
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Placer

envid: 1006805094
Year: 2014
GEPaid: CAR000123398
Contact: KATHY NORRIS-SLUSHER
Telephone: 8773866044
Mailing Name: Not reported
Mailing Address: PO BOX 6004
Mailing City,St,Zip: SAN RAMON, CA 945830000
Gen County: Placer
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.564
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Placer

envid: 1006805094
Year: 2014
GEPaid: CAR000123398
Contact: KATHY NORRIS-SLUSHER
Telephone: 8773866044
Mailing Name: Not reported
Mailing Address: PO BOX 6004
Mailing City,St,Zip: SAN RAMON, CA 945830000
Gen County: Placer
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: Not reported
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Placer

envid: 1006805094
Year: 2014
GEPaid: CAR000123398
Contact: KATHY NORRIS-SLUSHER
Telephone: 8773866044
Mailing Name: Not reported
Mailing Address: PO BOX 6004
Mailing City,St,Zip: SAN RAMON, CA 945830000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION NO 205777 (Continued)

1006805094

Gen County: Placer
TSD EPA ID: UTD981552177
TSD County: 99
Waste Category: Other organic solids
Disposal Method: Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.035
Cat Decode: Other organic solids
Method Decode: Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County: Placer

envid: 1006805094
Year: 2013
GEPaid: CAR000123398
Contact: KATHY NORRIS-SLUSHER
Telephone: 8773866044
Mailing Name: Not reported
Mailing Address: PO BOX 6004
Mailing City,St,Zip: SAN RAMON, CA 945830000
Gen County: Placer
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.078
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Not reported

[Click this hyperlink](#) while viewing on your computer to access 34 additional CA_HAZNET: record(s) in the EDR Site Report.

ECHO:
Envid: 1006805094
Registry ID: 110013310176
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110013310176

**A3
SW
< 1/8
0.028 mi.
150 ft.**

**4211 SIERRA COLLEGE BLVD
ROCKLIN, CA 95677**

Site 3 of 6 in cluster A

**EDR Hist Auto 1015487167
N/A**

**Relative:
Lower**

EDR Historical Auto Stations:

Name: CHEVRON STATION 1581
Year: 2000
Address: 4211 SIERRA COLLEGE BLVD

Name: CHEVRON STATION 1581
Year: 2001
Address: 4211 SIERRA COLLEGE BLVD

Name: CHEVRON STATION 1581
Year: 2002
Address: 4211 SIERRA COLLEGE BLVD

**Actual:
335 ft.**

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

1015487167

Name:	CHEVRON STATION 1581
Year:	2003
Address:	4211 SIERRA COLLEGE BLVD
Name:	CHEVRON STATION 1581
Year:	2004
Address:	4211 SIERRA COLLEGE BLVD
Name:	CHEVRON STATION 1581
Year:	2005
Address:	4211 SIERRA COLLEGE BLVD
Name:	CHEVRON STATION INC
Year:	2006
Address:	4211 SIERRA COLLEGE BLVD
Name:	CHEVRON STATIONS INC
Year:	2007
Address:	4211 SIERRA COLLEGE BLVD
Name:	CHEVRON STATIONS INC 1581
Year:	2008
Address:	4211 SIERRA COLLEGE BLVD
Name:	CHEVRON STATIONS INC 1581
Year:	2009
Address:	4211 SIERRA COLLEGE BLVD
Name:	CHEVRON
Year:	2010
Address:	4211 SIERRA COLLEGE BLVD
Name:	CHEVRON
Year:	2011
Address:	4211 SIERRA COLLEGE BLVD
Name:	CHEVRON STATION 1581
Year:	2012
Address:	4211 SIERRA COLLEGE BLVD

A4
SW
 < 1/8
 0.028 mi.
 150 ft.

CHEVRON USA - SIERRA COLLEGE B
4211 SIERRA COLLEGE BLVD
ROCKLIN, CA 95677
Site 4 of 6 in cluster A

EMI S103955772
CA PLACER CO. MS N/A

Relative:
Lower

EMI:	
Year:	2008
County Code:	31
Air Basin:	SV
Facility ID:	944
Air District Name:	PLA
SIC Code:	5541
Air District Name:	PLACER COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.8369235
Reactive Organic Gases Tons/Yr:	1.83012688305

Actual:
 335 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON USA - SIERRA COLLEGE B (Continued)

S103955772

Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smlr Tons/Yr:	0
Year:	2009
County Code:	31
Air Basin:	SV
Facility ID:	944
Air District Name:	PLA
SIC Code:	5541
Air District Name:	PLACER COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.9837400000000001
Reactive Organic Gases Tons/Yr:	1.984
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smlr Tons/Yr:	0
Year:	2010
County Code:	31
Air Basin:	SV
Facility ID:	944
Air District Name:	PLA
SIC Code:	5541
Air District Name:	PLACER COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.9069050000000001
Reactive Organic Gases Tons/Yr:	1.8998494515
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smlr Tons/Yr:	0
Year:	2011
County Code:	31
Air Basin:	SV
Facility ID:	944
Air District Name:	PLA
SIC Code:	5541
Air District Name:	PLACER COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.906905
Reactive Organic Gases Tons/Yr:	1.8998494515
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smlr Tons/Yr:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON USA - SIERRA COLLEGE B (Continued)

S103955772

Year: 2012
County Code: 31
Air Basin: SV
Facility ID: 944
Air District Name: PLA
SIC Code: 5541
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.906905
Reactive Organic Gases Tons/Yr: 1.8998494515
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2013
County Code: 31
Air Basin: SV
Facility ID: 944
Air District Name: PLA
SIC Code: 5541
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.906905
Reactive Organic Gases Tons/Yr: 1.906905
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2014
County Code: 31
Air Basin: SV
Facility ID: 944
Air District Name: PLA
SIC Code: 5541
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.842
Reactive Organic Gases Tons/Yr: 1.842
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2015
County Code: 31
Air Basin: SV
Facility ID: 944
Air District Name: PLA
SIC Code: 5541

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON USA - SIERRA COLLEGE B (Continued)

S103955772

Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.842
Reactive Organic Gases Tons/Yr: 1.842
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

PLACER CO. MS:

Facility ID: FA0003651
Facility Status: Active
Program Element Code: 2303
Program: UNDERGROUND STORAGE TANKS - 3 TANKS
Record Num: PR0005480
District Code: 18
Decode for Fstatus: Active

Facility ID: FA0003651
Facility Status: Active
Program Element Code: 2105
Program: HAZMAT BUSINESS PLAN
Record Num: PR0005709
District Code: 18
Decode for Fstatus: Active

Facility ID: FA0003651
Facility Status: Active
Program Element Code: 2268
Program: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
Record Num: PR0009543
District Code: 18
Decode for Fstatus: Active

A5
SW
< 1/8
0.028 mi.
150 ft.

CHEVRON-ROCKLIN
4211 SIERRA COLLEGE BLVD
ROCKLIN, CA 95677

Site 5 of 6 in cluster A

UST U003786315
N/A

Relative:
Lower

UST:
Facility ID: FA0003651
Permitting Agency: PLACER COUNTY
Latitude: 38.808466
Longitude: -121.203454

Actual:
335 ft.

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

A6 SW < 1/8 0.028 mi. 150 ft.	CHEVRON USA - SIERRA COLLEGE B 4211 SIERRA COLLEGE BLVD ROCKLIN, CA 95677 Site 6 of 6 in cluster A	FINDS ECHO	1015925009 N/A
---	---	-----------------------------	---------------------------------

Relative: FINDS:
Lower

Registry ID: 110054243029

Actual: Environmental Interest/Information System
 335 ft. AIR EMISSIONS CLASSIFICATION UNKNOWN

ECHO:

Envid: 1015925009
 Registry ID: 110054243029
 DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110054243029

7 NNW < 1/8 0.053 mi. 282 ft.	HOMEWOOD LUMBER 4011 SIERRA COLLEGE BLVD LOOMIS, CA 95650	CA PLACER CO. MS	S111226450 N/A
---	--	-------------------------	---------------------------------

Relative: PLACER CO. MS:
Lower

Facility ID: FA0018363
 Facility Status: Active
Actual: Program Element Code: 2105
 323 ft. Program: HAZMAT BUSINESS PLAN
 Record Num: PR0015475
 District Code: 58
 Decode for Fstatus: Active

B8 SSW < 1/8 0.084 mi. 444 ft.	7-ELEVEN INC. 4281 SIERRA COLLEGE BLVD ROCKLIN, CA 95677 Site 1 of 4 in cluster B	LUST CA PLACER CO. MS	S105982263 N/A
--	--	--	---------------------------------

Relative: LUST REG 5:
Higher

Region: 5
 Status: Case Closed
Actual: Case Number: 310400
 342 ft. Case Type: Drinking Water Aquifer affected
 Substance: GASOLINE
 Staff Initials: PRS
 Lead Agency: Regional
 Program: LUST
 MTBE Code: N/A

PLACER CO. MS:

Facility ID: FA0004054
 Facility Status: Active
 Program Element Code: 2303
 Program: UNDERGROUND STORAGE TANKS - 3 TANKS
 Record Num: PR0006864

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN INC. (Continued)

S105982263

District Code: 18
Decode for Fstatus: Active

Facility ID: FA0004054
Facility Status: Active
Program Element Code: 2105
Program: HAZMAT BUSINESS PLAN
Record Num: PR0006866
District Code: 18
Decode for Fstatus: Active

Facility ID: FA0004054
Facility Status: Active
Program Element Code: 2268
Program: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
Record Num: PR0009565
District Code: 18
Decode for Fstatus: Active

B9
SSW
< 1/8
0.084 mi.
444 ft.

7-ELEVEN INC.
4281 SIERRA COLLEGE BLVD
ROCKLIN, CA 95677

LUST S108196345
N/A

Site 2 of 4 in cluster B

Relative:
Higher

LUST:

Actual:
342 ft.

Region: STATE
Global Id: T0606190594
Latitude: 38.806295697
Longitude: -121.20501299
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/10/2008
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Case Worker: PRS
Local Agency: PLACER COUNTY
RB Case Number: 310400
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:

Global Id: T0606190594
Contact Type: Regional Board Caseworker
Contact Name: PAUL SANDERS
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: psanders@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0606190594
Contact Type: Local Agency Caseworker
Contact Name: West Bourgault

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN INC. (Continued)

S108196345

Organization Name: PLACER COUNTY
Address: 3091 County Center Drive, Suite 180
City: Auburn
Email: wbourgau@placer.ca.gov
Phone Number: Not reported

Status History:

Global Id: T0606190594
Status: Completed - Case Closed
Status Date: 06/10/2008

Global Id: T0606190594
Status: Open - Case Begin Date
Status Date: 08/01/2003

Global Id: T0606190594
Status: Open - Remediation
Status Date: 01/20/2005

Global Id: T0606190594
Status: Open - Site Assessment
Status Date: 09/17/2003

Global Id: T0606190594
Status: Open - Site Assessment
Status Date: 01/29/2004

Global Id: T0606190594
Status: Open - Site Assessment
Status Date: 06/29/2004

Global Id: T0606190594
Status: Open - Site Assessment
Status Date: 04/27/2007

Global Id: T0606190594
Status: Open - Site Assessment
Status Date: 07/31/2007

Global Id: T0606190594
Status: Open - Verification Monitoring
Status Date: 03/15/2007

Regulatory Activities:

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 05/02/2007
Action: Staff Letter

Global Id: T0606190594
Action Type: RESPONSE
Date: 10/30/2003
Action: Other Report / Document

Global Id: T0606190594
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN INC. (Continued)

S108196345

Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 09/15/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0606190594
Action Type: RESPONSE
Date: 02/29/2008
Action: Unknown

Global Id: T0606190594
Action Type: RESPONSE
Date: 03/19/2004
Action: Soil and Water Investigation Report

Global Id: T0606190594
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0606190594
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 07/08/2004
Action: Staff Letter

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 02/24/2004
Action: Staff Letter

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 08/29/2005
Action: Technical Correspondence / Assistance / Other

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 03/15/2007
Action: Meeting

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 03/29/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 03/08/2007
Action: Staff Letter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN INC. (Continued)

S108196345

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 07/12/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 01/23/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606190594
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0606190594
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0606190594
Action Type: REMEDIATION
Date: 08/01/2003
Action: Other (Use Description Field)

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 10/17/2005
Action: Technical Correspondence / Assistance / Other

Global Id: T0606190594
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 01/14/2004
Action: Warning Letter

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 01/19/2005
Action: * Historical Enforcement

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 10/30/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 03/07/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0606190594
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN INC. (Continued)

S108196345

Date: 10/17/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0606190594
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 10/28/2004
Action: * Historical Enforcement

Global Id: T0606190594
Action Type: Other
Date: 08/01/2003
Action: Leak Discovery

Global Id: T0606190594
Action Type: Other
Date: 08/07/2003
Action: Leak Reported

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 07/27/2004
Action: * Historical Enforcement

Global Id: T0606190594
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0606190594
Action Type: RESPONSE
Date: 10/22/2004
Action: Soil and Water Investigation Report

Global Id: T0606190594
Action Type: RESPONSE
Date: 10/22/2004
Action: Interim Remedial Action Report

Global Id: T0606190594
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 04/28/2005
Action: Technical Correspondence / Assistance / Other

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 05/09/2006
Action: Technical Correspondence / Assistance / Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN INC. (Continued)

S108196345

Global Id: T0606190594
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0606190594
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0606190594
Action Type: RESPONSE
Date: 04/27/2007
Action: Soil and Water Investigation Workplan

Global Id: T0606190594
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0606190594
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 09/25/2003
Action: Staff Letter

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 05/13/2004
Action: Staff Letter

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 12/11/2007
Action: Staff Letter

Global Id: T0606190594
Action Type: Other
Date: 08/01/2003
Action: Leak Stopped

Global Id: T0606190594
Action Type: RESPONSE
Date: 03/19/2004
Action: Soil and Water Investigation Report

Global Id: T0606190594
Action Type: RESPONSE
Date: 07/02/2004
Action: Soil and Water Investigation Workplan

Global Id: T0606190594
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN INC. (Continued)

S108196345

Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0606190594
Action Type: RESPONSE
Date: 07/31/2007
Action: Soil and Water Investigation Report

Global Id: T0606190594
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 06/10/2008
Action: Closure/No Further Action Letter

Global Id: T0606190594
Action Type: ENFORCEMENT
Date: 07/13/2006
Action: Technical Correspondence / Assistance / Other

**B10
SSW
< 1/8
0.084 mi.
444 ft.**

**7-11 CONVENIENCE STORE #32636
4281 SIERRA COLLEGE BLVD
ROCKLIN, CA 95677**
Site 3 of 4 in cluster B

**UST U003937245
N/A**

**Relative:
Higher**

UST:
Facility ID: FA0004054
Permitting Agency: PLACER COUNTY
Latitude: 38.8075867
Longitude: -121.2032329

**Actual:
342 ft.**

**B11
SSW
< 1/8
0.086 mi.
456 ft.**

**7-ELEVEN INC #32636
4281 SIERRA COLLEGE BLVD
ROCKLIN, CA 95677**
Site 4 of 4 in cluster B

**FINDS 1016427993
ECHO N/A**

**Relative:
Higher**

FINDS:
Registry ID: 110055780944
Environmental Interest/Information System
STATE MASTER

**Actual:
340 ft.**

ECHO:
Envid: 1016427993
Registry ID: 110055780944
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110055780944

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

12
 SSW
 < 1/8
 0.111 mi.
 588 ft.

ARCO AMPM
4280 SIERRA COLLEGE BLVD
ROCKLIN, CA 95677

CA PLACER CO. MS **S115950481**
NPDES **N/A**

Relative:
Lower

PLACER CO. MS:

Facility ID: FA0019746
 Facility Status: Active
 Program Element Code: 2105
 Program: HAZMAT BUSINESS PLAN
 Record Num: PR0016851
 District Code: 18
 Decode for Fstatus: Active

Actual:
331 ft.

Facility ID: FA0019746
 Facility Status: Active
 Program Element Code: 2303
 Program: UNDERGROUND STORAGE TANKS - 3 TANKS
 Record Num: PR0016853
 District Code: 18
 Decode for Fstatus: Active

Facility ID: FA0019746
 Facility Status: Active
 Program Element Code: 2268
 Program: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
 Record Num: PR0016855
 District Code: 18
 Decode for Fstatus: Active

NPDES:

Npdes Number: CAS000002
 Facility Status: Terminated
 Agency Id: 0
 Region: 5S
 Regulatory Measure Id: 444265
 Order No: 2009-0009-DWQ
 Regulatory Measure Type: Enrollee
 Place Id: Not reported
 WDID: 5S31C368899
 Program Type: Construction
 Adoption Date Of Regulatory Measure: Not reported
 Effective Date Of Regulatory Measure: 02/10/2014
 Expiration Date Of Regulatory Measure: Not reported
 Termination Date Of Regulatory Measure: 04/04/2015
 Discharge Name: G & H Bains Inc
 Discharge Address: 4280 Sierra College Blvd
 Discharge City: Rocklin
 Discharge State: California
 Discharge Zip: 95677
 RECEIVED DATE: Not reported
 PROCESSED DATE: Not reported
 STATUS CODE NAME: Not reported
 STATUS DATE: Not reported
 PLACE SIZE: Not reported
 PLACE SIZE UNIT: Not reported
 FACILITY CONTACT NAME: Not reported
 FACILITY CONTACT TITLE: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARCO AMPM (Continued)

S115950481

FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s) EDR ID Number
EPA ID Number

C13 **SHAMROCK PUMP & EQUIPMENT**
WNW **3985 TAYLOR RD (AKA: 4175)**
1/8-1/4 **LOOMIS, CA 95650**
0.133 mi.
703 ft. **Site 1 of 4 in cluster C**

LUST **S104403241**
 N/A

Relative:
Lower

LUST:

Region: STATE
Global Id: T0606100075
Latitude: 38.8122042
Longitude: -121.205444
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 05/07/2002
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Case Worker: PRS
Local Agency: PLACER COUNTY
RB Case Number: 310091
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Actual:
319 ft.

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0606100075
Contact Type: Regional Board Caseworker
Contact Name: PAUL SANDERS
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: psanders@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0606100075
Contact Type: Local Agency Caseworker
Contact Name: WEST BOURGAULT
Organization Name: PLACER COUNTY
Address: 3091 County Center Drive, Suite 180
City: AUBURN
Email: wbourgau@placer.ca.gov
Phone Number: Not reported

Status History:

Global Id: T0606100075
Status: Completed - Case Closed
Status Date: 05/07/2002

Global Id: T0606100075
Status: Open - Case Begin Date
Status Date: 06/27/1990

Global Id: T0606100075
Status: Open - Site Assessment
Status Date: 08/02/2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHAMROCK PUMP & EQUIPMENT (Continued)

S104403241

Regulatory Activities:

Global Id:	T0606100075
Action Type:	ENFORCEMENT
Date:	06/09/2000
Action:	Staff Letter
Global Id:	T0606100075
Action Type:	ENFORCEMENT
Date:	08/20/2001
Action:	Staff Letter
Global Id:	T0606100075
Action Type:	ENFORCEMENT
Date:	12/11/2000
Action:	Staff Letter
Global Id:	T0606100075
Action Type:	ENFORCEMENT
Date:	05/30/2000
Action:	Staff Letter
Global Id:	T0606100075
Action Type:	ENFORCEMENT
Date:	05/07/2002
Action:	Closure/No Further Action Letter
Global Id:	T0606100075
Action Type:	ENFORCEMENT
Date:	05/07/2002
Action:	Closure/No Further Action Letter
Global Id:	T0606100075
Action Type:	Other
Date:	06/27/1990
Action:	Leak Reported
Global Id:	T0606100075
Action Type:	ENFORCEMENT
Date:	06/09/2000
Action:	* Historical Enforcement

LUST REG 5:

Region:	5
Status:	Case Closed
Case Number:	310091
Case Type:	Drinking Water Aquifer affected
Substance:	GASOLINE
Staff Initials:	PRS
Lead Agency:	Regional
Program:	LUST
MTBE Code:	0

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

C14
WNW
1/8-1/4
0.141 mi.
746 ft.

3985 TAYLOR RD
LOOMIS, CA 95650

EDR Hist Auto **1015466587**
N/A

Site 2 of 4 in cluster C

Relative:
Lower

Actual:
319 ft.

EDR Historical Auto Stations:

- Name: AUTO TEC
- Year: 2001
- Address: 3985 TAYLOR RD

- Name: AUTO TEC
- Year: 2002
- Address: 3985 TAYLOR RD

- Name: AUTO TEC
- Year: 2003
- Address: 3985 TAYLOR RD

- Name: AUTO TEC
- Year: 2004
- Address: 3985 TAYLOR RD

- Name: AUTO TEC
- Year: 2006
- Address: 3985 TAYLOR RD

- Name: AUTO TEE
- Year: 2008
- Address: 3985 TAYLOR RD

- Name: AUTO TEC
- Year: 2009
- Address: 3985 TAYLOR RD

- Name: AUTOTEC
- Year: 2010
- Address: 3985 TAYLOR RD

- Name: AUTO TEC
- Year: 2011
- Address: 3985 TAYLOR RD

C15
WNW
1/8-1/4
0.141 mi.
746 ft.

AUTO-TEC
3985 TAYLOR RD
LOOMIS, CA 95650

CA PLACER CO. MS **S102852689**
N/A

Site 3 of 4 in cluster C

Relative:
Lower

Actual:
319 ft.

PLACER CO. MS:

- Facility ID: FA0003942
- Facility Status: Active
- Program Element Code: 2105
- Program: HAZMAT BUSINESS PLAN
- Record Num: PR0006486
- District Code: 58
- Decode for Fstatus: Active

- Facility ID: FA0003942
- Facility Status: Active

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTO-TEC (Continued)

S102852689

Program Element Code: 2270
Program: SMALL QUANTITY GENERATOR
Record Num: PR0006988
District Code: 58
Decode for Fstatus: Active

D16
SSW
1/8-1/4
0.143 mi.
754 ft.

CHEVRON #6705 CLOSED
4365 SIERRA COLLEGE BLVD
ROCKLIN, CA 95677

SWEEPS UST **S103659567**
CA PLACER CO. MS **N/A**

Site 1 of 5 in cluster D

Relative:
Higher

SWEEPS UST:

Actual:
338 ft.

Status: Active
Comp Number: 491
Number: 2
Board Of Equalization: 44-031913
Referral Date: 09-16-93
Action Date: 03-11-94
Created Date: 06-30-93
Owner Tank Id: 1
SWRCB Tank Id: 31-000-000491-000001
Tank Status: A
Capacity: 10000
Active Date: 09-16-93
Tank Use: M.V. FUEL
STG: P
Content: PRM UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 491
Number: 2
Board Of Equalization: 44-031913
Referral Date: 09-16-93
Action Date: 03-11-94
Created Date: 06-30-93
Owner Tank Id: 2
SWRCB Tank Id: 31-000-000491-000002
Tank Status: A
Capacity: 4000
Active Date: 09-16-93
Tank Use: M.V. FUEL
STG: P
Content: PLUS UNLEADE
Number Of Tanks: Not reported

Status: Active
Comp Number: 491
Number: 2
Board Of Equalization: 44-031913
Referral Date: 09-16-93
Action Date: 03-11-94
Created Date: 06-30-93
Owner Tank Id: 3
SWRCB Tank Id: 31-000-000491-000003
Tank Status: A
Capacity: 10000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #6705 CLOSED (Continued)

S103659567

Active Date: 09-16-93
 Tank Use: M.V. FUEL
 STG: P
 Content: REG UNLEADED
 Number Of Tanks: Not reported

Status: Active
 Comp Number: 491
 Number: 2
 Board Of Equalization: 44-031913
 Referral Date: 09-16-93
 Action Date: 03-11-94
 Created Date: 06-30-93
 Owner Tank Id: 4
 SWRCB Tank Id: 31-000-000491-000004
 Tank Status: A
 Capacity: 1000
 Active Date: 09-16-93
 Tank Use: OIL
 STG: W
 Content: WASTE OIL
 Number Of Tanks: Not reported

PLACER CO. MS:

Facility ID: FA0000491
 Facility Status: Closed
 Program Element Code: 2304
 Program: UNDERGROUND STORAGE TANKS - 4 TANKS
 Record Num: PR0000517
 District Code: 18
 Decode for Fstatus: Closed

Facility ID: FA0000491
 Facility Status: Closed
 Program Element Code: 2112
 Program: AS/US HAZMAT-NO WASTE, =>20,000/MONTH
 Record Num: PR0002897
 District Code: 18
 Decode for Fstatus: Closed

D17
SSW
1/8-1/4
0.143 mi.
754 ft.

CHEVRON #9-6705
4365 SIERRA COLLEGE BLVD
LOOMIS, CA 95650

Site 2 of 5 in cluster D

LUST
SWEEPS UST
HIST CORTESE

S102427045
N/A

Relative:
Higher

LUST:
 Region: STATE
 Global Id: T0606100025
 Latitude: 38.805119239
 Longitude: -121.205162376
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 05/18/2004
 Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
 Case Worker: PRS
 Local Agency: PLACER COUNTY

Actual:
338 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #9-6705 (Continued)

S102427045

RB Case Number: 310031
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0606100025
Contact Type: Regional Board Caseworker
Contact Name: PAUL SANDERS
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: psanders@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0606100025
Contact Type: Local Agency Caseworker
Contact Name: WEST BOURGAULT
Organization Name: PLACER COUNTY
Address: 3091 County Center Drive, Suite 180
City: AUBURN
Email: wbourgau@placer.ca.gov
Phone Number: Not reported

Status History:

Global Id: T0606100025
Status: Completed - Case Closed
Status Date: 05/18/2004

Global Id: T0606100025
Status: Open - Case Begin Date
Status Date: 03/23/1988

Global Id: T0606100025
Status: Open - Site Assessment
Status Date: 04/02/1992

Global Id: T0606100025
Status: Open - Verification Monitoring
Status Date: 10/27/2003

Regulatory Activities:

Global Id: T0606100025
Action Type: RESPONSE
Date: 01/30/2004
Action: Other Report / Document

Global Id: T0606100025
Action Type: ENFORCEMENT
Date: 12/09/2002
Action: Staff Letter

Global Id: T0606100025

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #9-6705 (Continued)

S102427045

Action Type:	ENFORCEMENT
Date:	02/07/2003
Action:	Staff Letter
Global Id:	T0606100025
Action Type:	ENFORCEMENT
Date:	10/17/2000
Action:	Staff Letter
Global Id:	T0606100025
Action Type:	ENFORCEMENT
Date:	11/29/2000
Action:	Staff Letter
Global Id:	T0606100025
Action Type:	ENFORCEMENT
Date:	10/22/2001
Action:	Staff Letter
Global Id:	T0606100025
Action Type:	RESPONSE
Date:	07/30/2004
Action:	Unknown
Global Id:	T0606100025
Action Type:	ENFORCEMENT
Date:	02/25/2004
Action:	Staff Letter
Global Id:	T0606100025
Action Type:	Other
Date:	03/23/1988
Action:	Leak Reported
Global Id:	T0606100025
Action Type:	ENFORCEMENT
Date:	10/29/2003
Action:	* Historical Enforcement
Global Id:	T0606100025
Action Type:	RESPONSE
Date:	01/31/2003
Action:	Soil and Water Investigation Workplan
Global Id:	T0606100025
Action Type:	RESPONSE
Date:	04/30/2003
Action:	Soil and Water Investigation Report
Global Id:	T0606100025
Action Type:	RESPONSE
Date:	10/31/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0606100025
Action Type:	RESPONSE
Date:	01/30/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #9-6705 (Continued)

S102427045

Action: Other Report / Document

Global Id: T0606100025
Action Type: ENFORCEMENT
Date: 11/18/2003
Action: Warning Letter

Global Id: T0606100025
Action Type: ENFORCEMENT
Date: 05/18/2004
Action: Closure/No Further Action Letter

Global Id: T0606100025
Action Type: ENFORCEMENT
Date: 07/21/2003
Action: Staff Letter

LUST REG 5:

Region: 5
Status: Case Closed
Case Number: 310031
Case Type: Drinking Water Aquifer affected
Substance: GASOLINE
Staff Initials: PRS
Lead Agency: Regional
Program: LUST
MTBE Code: 3

SWEEPS UST:

Status: Active
Comp Number: 62907
Number: 9
Board Of Equalization: 44-017339
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 31-000-062907-000001
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: 4

Status: Active
Comp Number: 62907
Number: 9
Board Of Equalization: 44-017339
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 31-000-062907-000002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #9-6705 (Continued)

S102427045

Tank Status: A
Capacity: 5000
Active Date: 07-01-85
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 62907
Number: 9
Board Of Equalization: 44-017339
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 3
SWRCB Tank Id: 31-000-062907-000003
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 62907
Number: 9
Board Of Equalization: 44-017339
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 4
SWRCB Tank Id: 31-000-062907-000004
Tank Status: A
Capacity: 1000
Active Date: 07-01-85
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 31
Reg By: LTNKA
Reg Id: 310031

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

D18
SSW
1/8-1/4
0.143 mi.
754 ft.

96705
4365 SIERRA COLLEGE BLV
LOOMIS, CA 95650

HIST UST **U001613240**
N/A

Site 3 of 5 in cluster D

Relative:
Higher

HIST UST:

File Number: 0001F1AA
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001F1AA.pdf>
Region: STATE
Facility ID: 00000062907
Facility Type: Gas Station
Other Type: Not reported
Contact Name: MONTGOMERY,JACK
Telephone: 9166527474
Owner Name: CHEVRON U.S.A. INC.
Owner Address: 575 MARKET
Owner City,St,Zip: SAN FRANCISCO, CA 94105
Total Tanks: 0004

Actual:
338 ft.

Tank Num: 001
Container Num: 1
Year Installed: 1967
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 0000250
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 1967
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 0000250
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: 1967
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 0000250
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 4
Year Installed: 1967
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 0000130
Leak Detection: Stock Inventor

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

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

19
NNE
1/8-1/4
0.159 mi.
841 ft.

KOA, LOOMIS
3945 TAYLOR RD
LOOMIS, CA 95650

CA PLACER CO. MS

S105982334
N/A

Relative:
Higher

PLACER CO. MS:
Facility ID: FA0001712
Facility Status: Closed
Program Element Code: 2105
Program: HAZMAT BUSINESS PLAN
Record Num: PR0002479
District Code: 999
Decode for Fstatus: Closed

Actual:
336 ft.

Facility ID: FA0008513
Facility Status: Active
Program Element Code: 2105
Program: HAZMAT BUSINESS PLAN
Record Num: PR0009181
District Code: 58
Decode for Fstatus: Active

D20
SSW
1/8-1/4
0.160 mi.
844 ft.

HIGHBRIDGE RANCH
4436 SIERRA COLLEGE BLVD
LOOMIS, CA 95650

SWEEPS UST
HIST UST

U001613257
N/A

Site 4 of 5 in cluster D

Relative:
Higher

SWEEPS UST:
Status: Active
Comp Number: 44925
Number: 9
Board Of Equalization: Not reported
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 31-000-044925-000001
Tank Status: A
Capacity: 550
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 1

Actual:
339 ft.

HIST UST:
File Number: 0001F2CD
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001F2CD.pdf>
Region: STATE
Facility ID: 00000044925
Facility Type: Other
Other Type: FARM
Contact Name: MILTON TAKAHASHI
Telephone: 9166526342
Owner Name: MILTON TAKAHASHI
Owner Address: 4436 SIERRA COLLEGE BLVD.
Owner City,St,Zip: LOOMIS, CA 95650

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HIGHBRIDGE RANCH (Continued)

U001613257

Total Tanks: 0001
Tank Num: 001
Container Num: 1
Year Installed: 1950
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

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

**C21
WNW
1/8-1/4
0.162 mi.
857 ft.**

**VALLEY ROCK (LOOMIS)
4018 TAYLOR RD
LOOMIS, CA 95650**

**SLIC
CA PLACER CO. MS**

**S103717013
N/A**

Site 4 of 4 in cluster C

**Relative:
Lower**

SLIC:

Region: STATE
Facility Status: Open - Inactive
Status Date: 06/30/2009
Global Id: SLT5SB163554
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number: Not reported
Latitude: 38.8264808
Longitude: -121.1904195
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: SLT5SB16
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

**Actual:
322 ft.**

[Click here to access the California GeoTracker records for this facility:](#)

PLACER CO. MS:

Facility ID: FA0004231
Facility Status: Active
Program Element Code: 2105
Program: HAZMAT BUSINESS PLAN
Record Num: PR0007194
District Code: 58
Decode for Fstatus: Active

Facility ID: FA0004231
Facility Status: Active
Program Element Code: 2268
Program: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
Record Num: PR0007497
District Code: 58
Decode for Fstatus: Active

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D22
SSW
1/8-1/4
0.170 mi.
899 ft.

TARGET STORE T2604
5104 COMMONS DR
ROCKLIN, CA 95677
Site 5 of 5 in cluster D

RCRA-SQG 1016453007
FINDS CAR000244020
ECHO

Relative:
Higher

RCRA-SQG:

Date form received by agency: 02/11/2014
Facility name: TARGET STORE T2604
Facility address: 5104 COMMONS DR
ROCKLIN, CA 95677
EPA ID: CAR000244020
Mailing address: PO BOX 111
MINNEAPOLIS, MN 55440
Contact: STEVE MUSSER
Contact address: PO BOX 111
MINNEAPOLIS, MN 55440
Contact country: US
Contact telephone: 800-587-2228
Contact email: POC@TARGET.COM
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Actual:
337 ft.

Owner/Operator Summary:

Owner/operator name: TARGET CORP
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/05/2014
Owner/Op end date: Not reported
Owner/operator name: TARGET CORP
Owner/operator address: PO BOX 111
MINNEAPOLIS, MN 55440
Owner/operator country: US
Owner/operator telephone: 800-587-2228
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/05/2014
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TARGET STORE T2604 (Continued)

1016453007

Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
. Waste code:	221
. Waste name:	221
. Waste code:	311
. Waste name:	311
. Waste code:	331
. Waste name:	331
. Waste code:	D001
. Waste name:	IGNITABLE WASTE
. Waste code:	D002
. Waste name:	CORROSIVE WASTE
. Waste code:	D004
. Waste name:	ARSENIC
. Waste code:	D005
. Waste name:	BARIUM
. Waste code:	D006
. Waste name:	CADMIUM
. Waste code:	D007
. Waste name:	CHROMIUM
. Waste code:	D008
. Waste name:	LEAD
. Waste code:	D009
. Waste name:	MERCURY
. Waste code:	D010
. Waste name:	SELENIUM
. Waste code:	D011
. Waste name:	SILVER
. Waste code:	D016
. Waste name:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
. Waste code:	D018
. Waste name:	BENZENE
. Waste code:	D024
. Waste name:	M-CRESOL
. Waste code:	D026

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TARGET STORE T2604 (Continued)

1016453007

. Waste name: CRESOL

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P046
. Waste name: ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-

. Waste code: P075
. Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

. Waste code: P081
. Waste name: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U035
. Waste name: BENZENE BUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U058
. Waste name: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

. Waste code: U072
. Waste name: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U129
. Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

. Waste code: U150
. Waste name: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U188
. Waste name: PHENOL

. Waste code: U200

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TARGET STORE T2604 (Continued)

1016453007

. Waste name: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

. Waste code: U201

. Waste name: 1,3-BENZENEDIOL (OR) RESORCINOL

. Waste code: U279

. Waste name: CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE

Violation Status: No violations found

FINDS:

Registry ID: 110058882311

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:

Envid: 1016453007
 Registry ID: 110058882311
 DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110058882311

E23
West
1/8-1/4
0.174 mi.
921 ft.

FOREST PRODUCTS MANUFACTURING
PACIFIC STREET, INDUSTRIAL PARK, LOT 5
ROCKLIN, CA

SLIC S106486453
N/A

Site 1 of 2 in cluster E

Relative:
Lower

SLIC:

Region: STATE
Facility Status: Completed - Case Closed
 Status Date: 10/15/1993
 Global Id: SLT5S1393179
 Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
 Lead Agency Case Number: Not reported
 Latitude: 38.8034690550069
 Longitude: -121.216938322815
 Case Type: Cleanup Program Site
 Case Worker: Not reported
 Local Agency: Not reported
 RB Case Number: SLT5S139
 File Location: DTSC
 Potential Media Affected: Under Investigation
 Potential Contaminants of Concern: Not reported
 Site History: Forest Products Company is a wood product coating facility which operated at the Site since 1977. In 1980, the company built two unlined evaporation ponds to handle thier waste stream. When the ponds were dry, the bottom of the ponds were scraped, and the scrapings placed into 55-gallon drums. In 1983, Forest Product conducted a cleanup of the ponds for mercury and lead and in 1986 the

Actual:
317 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FOREST PRODUCTS MANUFACTURING (Continued)

S106486453

Department of Health Services (DHS) concurred the cleanup was adequate. In 1990, Simas Enterprises purchased the property. In 1987, DHS conducted a drive-by of the Site and observed soil contamination from recent discharges to a drainage ditch and recommended a full site inspection. Department of Toxic Substances Control (DTSC) oversaw the investigation and remediation of the Site. On 15 October 1993, DTSC notified Simas that the residual soil and groundwater contamination do not pose a risk to human health or the environment. More information can be found at the DTSC Envirostor website (http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=31240008)

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

E24	MC CONCEPTS LLC	HAZNET	S113118130
WNW	4013 TAYLOR RD	CA PLACER CO. MS	N/A
1/8-1/4	LOOMIS, CA 95650		
0.180 mi.			
951 ft.	Site 2 of 2 in cluster E		

**Relative:
 Lower**

HAZNET:
 envid: S113118130
 Year: 2011

**Actual:
 315 ft.**

GEPaid: CAL000248523
 Contact: ESTER HATCH
 Telephone: 9166524985
 Mailing Name: Not reported
 Mailing Address: 4013 TAYLOR RD
 Mailing City,St,Zip: LOOMIS, CA 95650
 Gen County: Not reported
 TSD EPA ID: CA0000084517
 TSD County: Not reported
 Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Tons: 0.02
 Cat Decode: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
 Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Facility County: Placer

envid: S113118130
 Year: 2011
 GEPaid: CAL000248523
 Contact: ESTER HATCH
 Telephone: 9166524985
 Mailing Name: Not reported
 Mailing Address: 4013 TAYLOR RD
 Mailing City,St,Zip: LOOMIS, CA 95650
 Gen County: Not reported
 TSD EPA ID: TXD077603371
 TSD County: Not reported
 Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
 Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
 Tons: 0.1155
 Cat Decode: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MC CONCEPTS LLC (Continued)

S113118130

Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Placer

envid: S113118130
Year: 2010
GEPaid: CAL000248523
Contact: ESTER HATCH
Telephone: 9166524985
Mailing Name: Not reported
Mailing Address: 4013 TAYLOR RD
Mailing City,St,Zip: LOOMIS, CA 95650
Gen County: Not reported
TSD EPA ID: TXD077603371
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.308
Cat Decode: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Placer

PLACER CO. MS:

Facility ID: FA0019936
Facility Status: Active
Program Element Code: 2105
Program: HAZMAT BUSINESS PLAN
Record Num: PR0017013
District Code: 58
Decode for Fstatus: Active

Facility ID: FA0019936
Facility Status: Active
Program Element Code: 2270
Program: SMALL QUANTITY GENERATOR
Record Num: PR0017014
District Code: 58
Decode for Fstatus: Active

25
SSW
1/8-1/4
0.195 mi.
1028 ft.

**4390 SIERRA COLLEGE BLVD
ROCKLIN, CA 95677**

**EDR Hist Auto 1015496278
N/A**

**Relative:
Higher**

EDR Historical Auto Stations:

Name: SIERRA COLLEGE UNION STATION
Year: 1999
Address: 4390 SIERRA COLLEGE BLVD

Name: SIERRA COLLEGE UNION STATION
Year: 2000
Address: 4390 SIERRA COLLEGE BLVD

Name: SIERRA COLLEGE UNION 76
Year: 2005
Address: 4390 SIERRA COLLEGE BLVD

**Actual:
340 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015496278

Name: CONOCOPHILLIPS
Year: 2008
Address: 4390 SIERRA COLLEGE BLVD

26
NW
1/8-1/4
0.209 mi.
1105 ft.

DEL MAR HEADQUARTERS
3930 SIERRA COLLEGE BLVD
LOOMIS, CA 95650

RCRA-SQG 1000123700
FINDS CAD982501686
CA PLACER CO. MS
ECHO

Relative:
Lower

RCRA-SQG:

Date form received by agency: 09/01/1996
Facility name: DEL MAR HEADQUARTERS
Facility address: 3930 SIERRA COLLEGE BLVD
LOOMIS, CA 95650
EPA ID: CAD982501686
Mailing address: SIERRA COLLEGE BLVD
LOOMIS, CA 95650
Contact: Not reported
Contact address: Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09

Actual:
326 ft.

Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: DONALD ARNOLD
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR HEADQUARTERS (Continued)

1000123700

Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002834130

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110059738510

**Environmental Interest/Information System
STATE MASTER**

PLACER CO. MS:

Facility ID: FA0001929
Facility Status: Active
Program Element Code: 2105
Program: HAZMAT BUSINESS PLAN
Record Num: PR0002704
District Code: 58
Decode for Fstatus: Active

Facility ID: FA0001929
Facility Status: Active
Program Element Code: 2270
Program: SMALL QUANTITY GENERATOR
Record Num: PR0008024
District Code: 58
Decode for Fstatus: Active

ECHO:

Envid: 1000123700
Registry ID: 110059738510
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110059738510

Envid: 1000123700
Registry ID: 110002834130

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR HEADQUARTERS (Continued)

1000123700

DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002834130

27
West
1/4-1/2
0.261 mi.
1377 ft.

PEARSON AUTOMOTIVE SERVICE
4175 TAYLOR RD
LOOMIS, CA 95650

HIST CORTESE
CA PLACER CO. MS

S100224987
N/A

Relative:
Lower

HIST CORTESE:
Region: CORTESE
Facility County Code: 31
Reg By: LTNKA
Reg Id: 310091

Actual:
320 ft.

PLACER CO. MS:
Facility ID: FA0000809
Facility Status: Closed
Program Element Code: 2302
Program: UNDERGROUND STORAGE TANKS - 2 TANKS
Record Num: PR0001291
District Code: 999
Decode for Fstatus: Closed

Facility ID: FA0000809
Facility Status: Closed
Program Element Code: 2105
Program: HAZMAT BUSINESS PLAN
Record Num: PR0003621
District Code: 999
Decode for Fstatus: Closed

28
NNW
1/4-1/2
0.276 mi.
1458 ft.

SAMUEL E. ROSE & BETTY A. ROSE
3921 SIERRA COLLEGE BLVD
LOOMIS, CA 95650

SWEEPS UST
HIST UST

U001613277
N/A

Relative:
Lower

SWEEPS UST:
Status: Active
Comp Number: 46427
Number: 9
Board Of Equalization: Not reported
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: #1
SWRCB Tank Id: 31-000-046427-000001
Tank Status: A
Capacity: 550
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 1

Actual:
323 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAMUEL E. ROSE & BETTY A. ROSE (Continued)

U001613277

HIST UST:

File Number: 0001F369
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001F369.pdf>
Region: STATE
Facility ID: 00000046427
Facility Type: Other
Other Type: Not reported
Contact Name: Not reported
Telephone: 9166527258
Owner Name: SAMUEL E. ROSE & BETTY A. ROSE
Owner Address: 3921 SIERRA COLLEGE BLVD.
Owner City,St,Zip: LOOMIS, CA 95650
Total Tanks: 0001

Tank Num: 001
Container Num: #1
Year Installed: 1975
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

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

**F29
SW
1/4-1/2
0.301 mi.
1590 ft.**

**SS #6008 (FORMER UNOCAL)
4390 SIERRA COLLEGE
ROCKLIN, CA 95677
Site 1 of 3 in cluster F**

**LUST S103993545
SWEEPS UST N/A
HIST CORTESE
CA PLACER CO. MS**

**Relative:
Lower**

LUST:

**Actual:
327 ft.**

Region: STATE
Global Id: T0606100283
Latitude: 38.805233023
Longitude: -121.206015384
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 02/09/2007
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Case Worker: PRS
Local Agency: PLACER COUNTY
RB Case Number: 310341
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0606100283
Contact Type: Regional Board Caseworker
Contact Name: PAUL SANDERS
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SS #6008 (FORMER UNOCAL) (Continued)

S103993545

Email: psanders@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0606100283
Contact Type: Local Agency Caseworker
Contact Name: WEST BOURGAULT
Organization Name: PLACER COUNTY
Address: 3091 County Center Drive, Suite 180
City: AUBURN
Email: wbourgau@placer.ca.gov
Phone Number: Not reported

Status History:

Global Id: T0606100283
Status: Completed - Case Closed
Status Date: 02/09/2007

Global Id: T0606100283
Status: Open - Case Begin Date
Status Date: 09/18/1997

Global Id: T0606100283
Status: Open - Site Assessment
Status Date: 09/18/1997

Global Id: T0606100283
Status: Open - Site Assessment
Status Date: 05/10/2000

Global Id: T0606100283
Status: Open - Verification Monitoring
Status Date: 09/15/2000

Regulatory Activities:

Global Id: T0606100283
Action Type: ENFORCEMENT
Date: 10/17/2000
Action: Staff Letter

Global Id: T0606100283
Action Type: ENFORCEMENT
Date: 02/05/2001
Action: Staff Letter

Global Id: T0606100283
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0606100283
Action Type: ENFORCEMENT
Date: 06/17/2002
Action: Staff Letter

Global Id: T0606100283
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SS #6008 (FORMER UNOCAL) (Continued)

S103993545

Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0606100283
Action Type: ENFORCEMENT
Date: 03/13/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100283
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0606100283
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0606100283
Action Type: ENFORCEMENT
Date: 11/30/2000
Action: Staff Letter

Global Id: T0606100283
Action Type: ENFORCEMENT
Date: 12/08/2005
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100283
Action Type: ENFORCEMENT
Date: 08/16/2002
Action: Staff Letter

Global Id: T0606100283
Action Type: ENFORCEMENT
Date: 10/28/2004
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100283
Action Type: ENFORCEMENT
Date: 06/17/2005
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100283
Action Type: ENFORCEMENT
Date: 12/13/2006
Action: Staff Letter

Global Id: T0606100283
Action Type: Other
Date: 09/18/1997
Action: Leak Discovery

Global Id: T0606100283
Action Type: Other
Date: 02/04/1998
Action: Leak Reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SS #6008 (FORMER UNOCAL) (Continued)

S103993545

Global Id:	T0606100283
Action Type:	RESPONSE
Date:	04/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0606100283
Action Type:	RESPONSE
Date:	10/15/2002
Action:	Tank Removal Report / UST Sampling Report
Global Id:	T0606100283
Action Type:	RESPONSE
Date:	10/28/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0606100283
Action Type:	RESPONSE
Date:	10/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0606100283
Action Type:	RESPONSE
Date:	09/08/2006
Action:	Other Workplan
Global Id:	T0606100283
Action Type:	RESPONSE
Date:	02/28/2007
Action:	Unknown
Global Id:	T0606100283
Action Type:	RESPONSE
Date:	01/15/2007
Action:	Soil and Water Investigation Report
Global Id:	T0606100283
Action Type:	ENFORCEMENT
Date:	04/03/2003
Action:	* Historical Enforcement
Global Id:	T0606100283
Action Type:	ENFORCEMENT
Date:	07/18/2006
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100283
Action Type:	RESPONSE
Date:	04/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0606100283
Action Type:	ENFORCEMENT
Date:	10/17/2000
Action:	* Historical Enforcement
Global Id:	T0606100283
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SS #6008 (FORMER UNOCAL) (Continued)

S103993545

Date: 07/19/2006
Action: Staff Letter

Global Id: T0606100283
Action Type: ENFORCEMENT
Date: 05/18/2004
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100283
Action Type: ENFORCEMENT
Date: 10/14/2003
Action: * Historical Enforcement

SWEEPS UST:

Status: Active
Comp Number: 953
Number: 2
Board Of Equalization: Not reported
Referral Date: 05-22-91
Action Date: 05-22-91
Created Date: 05-22-91
Owner Tank Id: 6008-RU-1
SWRCB Tank Id: 31-000-000953-000001
Tank Status: A
Capacity: 10000
Active Date: 05-22-91
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 953
Number: 2
Board Of Equalization: Not reported
Referral Date: 05-22-91
Action Date: 05-22-91
Created Date: 05-22-91
Owner Tank Id: 6008-SU-1
SWRCB Tank Id: 31-000-000953-000002
Tank Status: A
Capacity: 10000
Active Date: 05-22-91
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 953
Number: 2
Board Of Equalization: Not reported
Referral Date: 05-22-91
Action Date: 05-22-91
Created Date: 05-22-91
Owner Tank Id: 6008-DSL-1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SS #6008 (FORMER UNOCAL) (Continued)

S103993545

SWRCB Tank Id: 31-000-000953-000003
Tank Status: A
Capacity: 10000
Active Date: 05-22-91
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 953
Number: 2
Board Of Equalization: Not reported
Referral Date: 05-22-91
Action Date: 05-22-91
Created Date: 05-22-91
Owner Tank Id: 6008-WO-1
SWRCB Tank Id: 31-000-000953-000004
Tank Status: A
Capacity: 280
Active Date: 05-22-91
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 31
Reg By: LTNKA
Reg Id: 310341

PLACER CO. MS:

Facility ID: FA0008462
Facility Status: Closed
Program Element Code: 2111
Program: AS/US HAZMAT-NO WASTE <20,000/MONTH
Record Num: PR0003171
District Code: 18
Decode for Fstatus: Closed

Facility ID: FA0008462
Facility Status: Closed
Program Element Code: 2270
Program: SMALL QUANTITY GENERATOR
Record Num: PR0007388
District Code: 18
Decode for Fstatus: Closed

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

F30 SW 1/4-1/2 0.301 mi. 1590 ft.	SS #6008 (FORMER UNOCAL) 4390 SIERRA COLLEGE BLVD ROCKLIN, CA 95677 Site 2 of 3 in cluster F	LUST	S103286246 N/A
--	---	-------------	---------------------------------

Relative: Lower	LUST REG 5: Region: 5 Status: Case Closed
Actual: 327 ft.	Case Number: 310341 Case Type: Drinking Water Aquifer affected Substance: GASOLINE Staff Initials: PRS Lead Agency: Regional Program: LUST MTBE Code: 3

F31 SW 1/4-1/2 0.301 mi. 1590 ft.	UNION OIL SS 6008 4390 SIERRA COLLEGE BLVD LOOMIS, CA 95650 Site 3 of 3 in cluster F	HIST UST	U001613280 N/A
--	---	-----------------	---------------------------------

Relative: Lower	HIST UST: File Number: 0001F3DA URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001F3DA.pdf
Actual: 327 ft.	Region: STATE Facility ID: 00000060740 Facility Type: Gas Station Other Type: Not reported Contact Name: GEORGE MAKIMOTO, INC. Telephone: 9166526196 Owner Name: UNION OIL CO. Owner Address: 1 CALIFORNIA ST., SUITE 2700 Owner City,St,Zip: SAN FRANCISCO, CA 94111 Total Tanks: 0001 Tank Num: 001 Container Num: 6008-10-1 Year Installed: Not reported Tank Capacity: 00000000 Tank Used for: WASTE Type of Fuel: Not reported Container Construction Thickness: 6 Leak Detection: Visual

Click here for Geo Tracker PDF:

32 WSW 1/2-1 0.632 mi. 3338 ft.	FOREST PRODUCTS MANUFACTURING, PARCEL 5 ANTHONY COURT ROCKLIN, CA 95677	RESPONSE ENVIROSTOR HIST Cal-Sites	S101481497 N/A
--	--	---	---------------------------------

Relative: Lower	RESPONSE: Facility ID: 31240008 Site Type: State Response
Actual: 308 ft.	Site Type Detail: State Response or NPL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOREST PRODUCTS MANUFACTURING, PARCEL 5 (Continued)

S101481497

Acres: Not reported
National Priorities List: NO
Cleanup Oversight Agencies: NONE SPECIFIED
Lead Agency Description: Not reported
Project Manager: Not reported
Supervisor: * Egarcia2
Division Branch: Cleanup Sacramento
Site Code: 100171
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 06
Senate: 01
Special Program Status: Not reported
Status: Certified
Status Date: 10/15/1993
Restricted Use: NO
Funding: Responsible Party
Latitude: 38.80343
Longitude: -121.2165
APN: NONE SPECIFIED
Past Use: MANUFACTURING - LUMBER/WOOD PRODUCTS
Potential COC : * HALOGENATED SOLVENTS * OXYGENATED SOLVENTS * AQUEOUS SOLUTION WITH METALS * CONTAMINATED SOIL * Sludge - Paint * UNSPECIFIED ACID SOLUTION * UNSPECIFIED SLUDGE WASTE * LATEX WASTE * POLYMERIC RESIN WASTE Lead Mercury and compounds

Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: BENDIX CORP (FOREST PRODUCTS DIVISION)
Alias Type: Alternate Name
Alias Name: EMKAY DEVELOPMENT
Alias Type: Alternate Name
Alias Name: FOREST PRODUCTS MANUFACTURING COMPANY
Alias Type: Alternate Name
Alias Name: H. INVESTMENT COMPANY
Alias Type: Alternate Name
Alias Name: CAD981383896
Alias Type: EPA Identification Number
Alias Name: 110033615540
Alias Type: EPA (FRS #)
Alias Name: SLT5S1393179
Alias Type: GeoTracker Global ID
Alias Name: 100071
Alias Type: Project Code (Site Code)
Alias Name: 100171
Alias Type: Project Code (Site Code)
Alias Name: 31240008
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 10/15/1993
Comments: SMALL CERTIFICATION: Forest Products Manufacturing-Rocklin certification of Parcel #5 has been completed. On site soils contain trace amounts of bis(2-ethylhexyl)phthalate, however, the levels do not pose a health threat. On-site ground water sampling showed that the above chemical is no longer present in the ground water, but is present in low levels on an off-site well. The levels found in the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOREST PRODUCTS MANUFACTURING, PARCEL 5 (Continued)

S101481497

off-site well also do no pose a health threat. The certification of this site was based on these risk assessment conclusions.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 09/22/1981
Comments: FACILITY IDENTIFIED TIP FROM PLACER CO ENVR HLTH

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 09/18/1981
Comments: FACILITY IDENTIFIED C. OF C. DIRECTORY QUEST SENT

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/26/1992
Comments: A Preliminary Endangerment Assessment was completed in June 1992. This report was conditionally approved by DTSC provided recommendations were modified to reflect the need for further action. Bis (2-ethylhexyl) phthalate was detected in subsurface soils and in shallow ground water above MCLs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Expedited Response Action
Completed Date: 12/20/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/23/1987
Comments: PRELIM ASSESS DONE HISTORICAL SAMPLE RESULTS & VISUAL OBSERVATIONS INDICATE SI IS NECESSARY

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/02/1987
Comments: SITE SCREENING DONE ABANDONED SITE ISSUE NOT RESOLVED

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

ENVIROSTOR:
Facility ID: 31240008
Status: Certified

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOREST PRODUCTS MANUFACTURING, PARCEL 5 (Continued)

S101481497

Status Date: 10/15/1993
Site Code: 100171
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Egarcia2
Division Branch: Cleanup Sacramento
Assembly: 06
Senate: 01
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 38.80343
Longitude: -121.2165
APN: NONE SPECIFIED
Past Use: MANUFACTURING - LUMBER/WOOD PRODUCTS
Potential COC: * HALOGENATED SOLVENTS * OXYGENATED SOLVENTS * AQUEOUS SOLUTION WITH METALS * CONTAMINATED SOIL * Sludge - Paint * UNSPECIFIED ACID SOLUTION * UNSPECIFIED SLUDGE WASTE * LATEX WASTE * POLYMERIC RESIN WASTE Lead Mercury and compounds
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: BENDIX CORP (FOREST PRODUCTS DIVISION)
Alias Type: Alternate Name
Alias Name: EMKAY DEVELOPMENT
Alias Type: Alternate Name
Alias Name: FOREST PRODUCTS MANUFACTURING COMPANY
Alias Type: Alternate Name
Alias Name: H. INVESTMENT COMPANY
Alias Type: Alternate Name
Alias Name: CAD981383896
Alias Type: EPA Identification Number
Alias Name: 110033615540
Alias Type: EPA (FRS #)
Alias Name: SLT5S1393179
Alias Type: GeoTracker Global ID
Alias Name: 100071
Alias Type: Project Code (Site Code)
Alias Name: 100171
Alias Type: Project Code (Site Code)
Alias Name: 31240008
Alias Type: Envirostor ID Number
Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 10/15/1993
Comments: SMALL CERTIFICATION: Forest Products Manufacturing-Rocklin certification of Parcel #5 has been completed. On site soils contain trace amounts of bis(2-ethylhexyl)phthalate, however, the levels do not pose a health threat. On-site ground water sampling showed that the above chemical is no longer present in the ground water, but is

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOREST PRODUCTS MANUFACTURING, PARCEL 5 (Continued)

S101481497

present in low levels on an off-site well. The levels found in the off-site well also do no pose a health threat. The certification of this site was based on these risk assessment conclusions.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 09/22/1981
Comments: FACILITY IDENTIFIED TIP FROM PLACER CO ENVR HLTH

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 09/18/1981
Comments: FACILITY IDENTIFIED C. OF C. DIRECTORY QUEST SENT

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/26/1992
Comments: A Preliminary Endangerment Assessment was completed in June 1992. This report was conditionally approved by DTSC provided recommendations were modified to reflect the need for further action. Bis (2-ethylhexyl) phthalate was detected in subsurface soils and in shallow ground water above MCLs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Expedited Response Action
Completed Date: 12/20/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/23/1987
Comments: PRELIM ASSESS DONE HISTORICAL SAMPLE RESULTS & VISUAL OBSERVATIONS INDICATE SI IS NECESSARY

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/02/1987
Comments: SITE SCREENING DONE ABANDONED SITE ISSUE NOT RESOLVED

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

Calsite:
Region: SACRAMENTO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOREST PRODUCTS MANUFACTURING, PARCEL 5 (Continued)

S101481497

Facility ID: 31240008
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: CC
Branch Name: CENTRAL CALIFORNIA
File Name: Not reported
State Senate District: 10151993
Status: CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT
Status Name: CERTIFIED
Lead Agency: N/A
NPL: Not Listed
SIC Code: 24
SIC Name: MANU - LUMBER & WOOD PRODUCTS
Access: Uncontrolled
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: CV
Region Water Control Board Name: CENTRAL VALLEY
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 04
State Senate District Code: 04
Facility ID: 31240008
Activity: DISC
Activity Name: DISCOVERY
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 09181981
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: CERT
Definition of Status: CERTIFIED
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 31240008
Activity: DISC
Activity Name: DISCOVERY
AWP Code: Not reported
Proposed Budget: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOREST PRODUCTS MANUFACTURING, PARCEL 5 (Continued)

S101481497

AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09221981
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	31240008
Activity:	SS
Activity Name:	SITE SCREENING
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02021987
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	31240008
Activity:	ERA
Activity Name:	EXPEDITED RESPONSE ACTION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	12201991
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOREST PRODUCTS MANUFACTURING, PARCEL 5 (Continued)

S101481497

Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	60 DRUMS REMOVED.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	31240008
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06261992
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	31240008
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	10151993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOREST PRODUCTS MANUFACTURING, PARCEL 5 (Continued)

S101481497

Unknown Type: 0
Alternate Address: ANTHONY COURT
Alternate City,St,Zip: ROCKLIN, CA 95677
Alternate Address: APN 045-010-63
Alternate City,St,Zip: Not reported
Alternate Address: 4315 DOMINGUEZ ROAD
Alternate City,St,Zip: ROCKLIN, CA 95677
Background Info: Not reported
Comments Date: 02021987
Comments: SITE SCREENING DONE ABANDONED SITE ISSUE NOT RESOLVED
Comments Date: 05011986
Comments: This is the date the site was first listed AWP pursuant to H&S
Comments Date: 05011986
Comments: Section 25356.
Comments Date: 05151991
Comments: Not on 1990/1991 Bond Expenditure Plan. Status needs to be
Comments Date: 05151991
Comments: determined.
Comments Date: 06191987
Comments: Facility Drive-By identified discharge of potential hazardous
Comments Date: 06191987
Comments: waste. Ground Photos. TSCD: Placer County Environmental Health
Comments Date: 06191987
Comments: Placer County Planning; Placer County Assessor Office; Rocklin
Comments Date: 06191987
Comments: City Planning.
Comments Date: 06231987
Comments: PRELIM ASSESS DONE HISTORICAL SAMPLE RESULTS & VISUAL
Comments Date: 06231987
Comments: OBSERVATIONS INDICATE SI IS NECESSARY
Comments Date: 06261992
Comments: A Preliminary Endangerment Assessment was completed in June 1992.
Comments Date: 06261992
Comments: This report was conditionally approved by DTSC provided
Comments Date: 06261992
Comments: recommendations were modified to reflect the need for further
Comments Date: 06261992
Comments: action. Bis (2-ethylhexyl) phthalate was detected in subsurface
Comments Date: 06261992
Comments: soils and in shallow ground water above MCLs.
Comments Date: 07081987
Comments: Dept of Fish and Game, Natural Diversity Database.
Comments Date: 07211992
Comments: RWQCB: Notified of groundwater contamination
Comments Date: 08151989
Comments: SITE IS ON 1989 BOND EXPENDITURE PLAN
Comments Date: 09181981
Comments: FACILITY IDENTIFIED C. OF C. DIRECTORY
Comments Date: 09181981
Comments: QUEST SENT
Comments Date: 09221981
Comments: FACILITY IDENTIFIED TIP FROM PLACER CO ENVR HLTH
Comments Date: 10081981
Comments: QUEST REC.
Comments Date: 10081981
Comments: AGENCY RECORDS-RWQCB
Comments Date: 10091981

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOREST PRODUCTS MANUFACTURING, PARCEL 5 (Continued)

S101481497

Comments: LETTER RESPONSE RECEIVED
Comments Date: 10131981
Comments: PHONE F-U
Comments Date: 10151993
Comments: SMALL CERTIFICATION: Forest Products Manufacturing-Rocklin
Comments Date: 10151993
Comments: certification of Parcel #5 has been completed. On site soils
Comments Date: 10151993
Comments: contain trace amounts of bis(2-ethylhexyl)phthalate, however,
Comments Date: 10151993
Comments: the levels do not pose a health threat. On-site ground water
Comments Date: 10151993
Comments: sampling showed that the above chemical in no longer present in
Comments Date: 10151993
Comments: the ground water, but is present in low levels on an off-site
Comments Date: 10151993
Comments: well. The levels found in the off-site well also do no pose a
Comments Date: 10151993
Comments: health threat. The certification of this site was based on
Comments Date: 10151993
Comments: these risk assessment conclusions.
Comments Date: 10211981
Comments: LETTER SENT CONCERNING SITE INSP
Comments Date: 10271981
Comments: PHONE F-U
Comments Date: 10271981
Comments: RWQCB & CO ENVIR HLTH RECORDS SEARCHED
Comments Date: 10281981
Comments: INSPECTION(STATE) DHS/ASP. EVAP.POND
Comments Date: 10291981
Comments: RECORDS-SECRETARY OF STATE, RECORDS-CORP
Comments Date: 10291981
Comments: DIV OF BENDIX CORP.
Comments Date: 11021981
Comments: AERIAL SURVEILLANCE AERIAL PHOTOS ORDERED
Comments Date: 11031981
Comments: INSPECTION(STATE) SAMPLED-SLUDGE & WELL
Comments Date: 11031981
Comments: SAMPLE RESULTS SLUDGE WITH HIGH CONC OF HEAVY METALS
Comments Date: 11051991
Comments: Buried drums discovered during test pit excavation for PEA.
Comments Date: 11051991
Comments: Electromagnetometer survey conducted and revealed several
Comments Date: 11051991
Comments: anomalies. Areas of anomalies excavated and approximately 60
Comments Date: 11051991
Comments: buried drums removed. Drums were primarily empty, some contained
Comments Date: 11051991
Comments: dried paints or resins. Drums disposed of in local landfill.
Comments Date: 11301981
Comments: FINAL STRATEGY SITE REFERRED: TO HWMB/ENF
Comments Date: 12291994
Comments: On 12/29/94 the name and address of this site were changed to
Comments Date: 12291994
Comments: better reflect the location of the property that was investigated
Comments Date: 12291994
Comments: by DTSC. The former site name was "Forest Products Manufacturing

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FOREST PRODUCTS MANUFACTURING, PARCEL 5 (Continued)

S101481497

Comments Date: 12291994
 Comments: Company," and the former address was 4315 Dominguez Road. DTSC's
 Comments Date: 12291994
 Comments: oversight of this project focused on "Parcel 5" which was the
 Comments Date: 12291994
 Comments: former location of paint ponds used by Forest Products on
 Comments Date: 12291994
 Comments: Dominguez Road. DTSC did not investigate activities at the main
 Comments Date: 12291994
 Comments: facility located on Dominguez Road.
 ID Name: EPA IDENTIFICATION NUMBER
 ID Value: CAD981383896
 ID Name: CALSTARS CODE
 ID Value: 100071
 Alternate Name: FOREST PRODUCTS MANUFACTURING COMPANYBENDIX CORP (FOREST PRODUCTS
 DIVISION)FOREST PRODUCTS MANUFACTURING, PARCEL 5EMKAY DEVELOPMENTH. INVESTMENT
 COMPANY
 Special Programs Code: Not reported
 Special Programs Name: Not reported

33
SW
1/2-1
0.687 mi.
3628 ft.

ROCKLIN OPERATION
300 DOMINGUEZ RD
ROCKLIN, CA 95677

ENF S102005395
WDS N/A

Relative:
Lower

ENF:

Actual:
299 ft.

Region: 5S
 Facility Id: 253150
 Agency Name: Sierra Pine Limited
 Place Type: Manufacturing
 Place Subtype: Manufacturing NEC
 Facility Type: Industrial
 Agency Type: Privately-Owned Business
 # Of Agencies: 1
 Place Latitude: 38.802
 Place Longitude: -121.21591
 SIC Code 1: 2493
 SIC Desc 1: Reconstituted Wood Products
 SIC Code 2: Not reported
 SIC Desc 2: Not reported
 SIC Code 3: Not reported
 SIC Desc 3: Not reported
 NAICS Code 1: 321219
 NAICS Desc 1: Reconstituted Wood Product Manufacturing
 NAICS Code 2: Not reported
 NAICS Desc 2: Not reported
 NAICS Code 3: Not reported
 NAICS Desc 3: Not reported
 # Of Places: 1
 Source Of Facility: Reg Meas
 Design Flow: 0.014
 Threat To Water Quality: 2
 Complexity: B
 Pretreatment: N - POTW does not have EPA approved pretreatment prog.
 Facility Waste Type: Not reported
 Facility Waste Type 2: Not reported
 Facility Waste Type 3: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROCKLIN OPERATION (Continued)

S102005395

Facility Waste Type 4:	Not reported
Program:	WDRINDIVSML
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	5A312036001
Reg Measure Id:	146410
Reg Measure Type:	WDR
Region:	5S
Order #:	95-095
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	04/16/2014
Effective Date:	04/28/1995
Expiration/Review Date:	04/28/2005
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX
Direction/Voice:	Passive
Enforcement Id(EID):	383818
Region:	5S
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	02/07/2012
Adoption/Issuance Date:	02/07/2012
Achieve Date:	Not reported
Termination Date:	02/07/2012
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Oral Com 02/07/2012 for Sierra Pine Limited
Description:	Not reported
Program:	WDR
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ROCKLIN OPERATION (Continued)

S102005395

WDS:

Facility ID: Sacramento River 312036001
 Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
 Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
 NPDES Number: Not reported
 Subregion: 0
 Facility Telephone: Not reported
 Facility Contact: DENNIS MOORE
 Agency Name: SIERRA PINE LIMITED
 Agency Address: 4300 DOMINGUEZ RD
 Agency City,St,Zip: ROCKLIN 95677
 Agency Contact: KATHERINE FRY
 Agency Telephone: 9166303261
 Agency Type: Private
 SIC Code: 2661
 SIC Code 2: Not reported
 Primary Waste Type: Not reported
 Primary Waste: Not reported
 Waste Type2: Not reported
 Waste2: Not reported
 Primary Waste Type: Not reported
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 0
 Baseline Flow: 0
 Reclamation: No reclamation requirements associated with this facility.
 POTW: The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
 Treat To Water: Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
 Complexity: Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

34
WSW
1/2-1
0.707 mi.
3735 ft.

FOREST PRODUCTS MFG. CO
4315 DOMINGUEZ ROAD
ROCKLIN, CA 95677

CA BOND EXP. PLAN **S100833489**
EMI **N/A**

Relative:
Lower

CA BOND EXP. PLAN:
 Reponsible Party: BACKLOG SITE CLEANUP PLANNING REPORT
 Project Revenue Source Company: Not reported
 Project Revenue Source Addr: Not reported
 Project Revenue Source City,St,Zip: Not reported

Actual:
304 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FOREST PRODUCTS MFG. CO (Continued)

S100833489

Project Revenue Source Desc: This site is projected to be remediated by the responsible parties with reimbursement to DHS for its oversight. If the RPs are unable to fund site investigation and cleanup, another source of funds will need to be identified.

Site Description: A wood coating facility operated by Forest Products, Inc. was located at this site. Paint wastes were stored in drums and disposed of in an onsite pond. This site was identified as H. Investment Company in the last Expenditure Plan.

Hazardous Waste Desc: The material in question was composed of paint film from dry evaporation ponds, paint solids in drums, and paint solids from around paving at the site. Mercury was identified as the primary hazardous component of the wastes.

Threat To Public Health & Env: The primary concern is the possibility of ground water contamination, as the soils in the area are known to have a medium to high permeability. Ground water flow generally is south towards Sacker Ravine, which is located approximately 500 to 600 feet south of the ponds.

Site Activity Status: Approximately 65 cubic yards of soil was removed and disposed of in an approved landfill in November, 1983. Additional soil was removed from the pond areas in November, 1985. In January, 1986, H. Investment contacted DHS to evaluate the cleanup measures taken.

EMI:

Year: 1990
 County Code: 31
 Air Basin: SV
 Facility ID: 60
 Air District Name: PLA
 SIC Code: 2431
 Air District Name: PLACER COUNTY APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 3
 Reactive Organic Gases Tons/Yr: 3
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 4
 Part. Matter 10 Micrometers and Smlr Tons/Yr:1

Year: 1995
 County Code: 31
 Air Basin: SV
 Facility ID: 70
 Air District Name: PLA
 SIC Code: 2431
 Air District Name: PLACER COUNTY APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 42
 Reactive Organic Gases Tons/Yr: 41
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 4
 Part. Matter 10 Micrometers and Smlr Tons/Yr:1

Year: 1996
 County Code: 31
 Air Basin: SV
 Facility ID: 70

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOREST PRODUCTS MFG. CO (Continued)

S100833489

Air District Name: PLA
SIC Code: 2431
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 42
Reactive Organic Gases Tons/Yr: 41
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 4
Part. Matter 10 Micrometers and Smllr Tons/Yr:1

Year: 1997
County Code: 31
Air Basin: SV
Facility ID: 70
Air District Name: PLA
SIC Code: 2431
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 42
Reactive Organic Gases Tons/Yr: 41
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 4
Part. Matter 10 Micrometers and Smllr Tons/Yr:1

Year: 1998
County Code: 31
Air Basin: SV
Facility ID: 70
Air District Name: PLA
SIC Code: 2431
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 42
Reactive Organic Gases Tons/Yr: 41
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 4
Part. Matter 10 Micrometers and Smllr Tons/Yr:1

Year: 1999
County Code: 31
Air Basin: SV
Facility ID: 70
Air District Name: PLA
SIC Code: 2431
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 18

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOREST PRODUCTS MFG. CO (Continued)

S100833489

Reactive Organic Gases Tons/Yr: 18
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 24
Part. Matter 10 Micrometers and Smllr Tons/Yr:10

Year: 2000
County Code: 31
Air Basin: SV
Facility ID: 70
Air District Name: PLA
SIC Code: 2431
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 18
Reactive Organic Gases Tons/Yr: 18
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 24
Part. Matter 10 Micrometers and Smllr Tons/Yr:10

Year: 2001
County Code: 31
Air Basin: SV
Facility ID: 70
Air District Name: PLA
SIC Code: 2431
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 18
Reactive Organic Gases Tons/Yr: 18
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 24
Part. Matter 10 Micrometers and Smllr Tons/Yr:10

Year: 2002
County Code: 31
Air Basin: SV
Facility ID: 70
Air District Name: PLA
SIC Code: 2431
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 19
Reactive Organic Gases Tons/Yr: 19
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 8
Part. Matter 10 Micrometers and Smllr Tons/Yr:8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOREST PRODUCTS MFG. CO (Continued)

S100833489

Year: 2003
County Code: 31
Air Basin: SV
Facility ID: 70
Air District Name: PLA
SIC Code: 2431
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 22
Reactive Organic Gases Tons/Yr: 21
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 5
Part. Matter 10 Micrometers and Smlr Tons/Yr:2

Year: 2004
County Code: 31
Air Basin: SV
Facility ID: 70
Air District Name: PLA
SIC Code: 2431
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 21.553
Reactive Organic Gases Tons/Yr: 20.818375
Carbon Monoxide Emissions Tons/Yr: 0.1302114
NOX - Oxides of Nitrogen Tons/Yr: 0.651057
SOX - Oxides of Sulphur Tons/Yr: 0.0039063
Particulate Matter Tons/Yr: 5.1715528
Part. Matter 10 Micrometers and Smlr Tons/Yr:2.0885528

Year: 2005
County Code: 31
Air Basin: SV
Facility ID: 70
Air District Name: PLA
SIC Code: 2431
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 25.113
Reactive Organic Gases Tons/Yr: 24.2168635
Carbon Monoxide Emissions Tons/Yr: .2693
NOX - Oxides of Nitrogen Tons/Yr: 1.3465
SOX - Oxides of Sulphur Tons/Yr: .008079
Particulate Matter Tons/Yr: 6.6706
Part. Matter 10 Micrometers and Smlr Tons/Yr:2.708325

Year: 2006
County Code: 31
Air Basin: SV
Facility ID: 70
Air District Name: PLA
SIC Code: 2431

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOREST PRODUCTS MFG. CO (Continued)

S100833489

Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 18.23684449176098437
Reactive Organic Gases Tons/Yr: 17.5767675
Carbon Monoxide Emissions Tons/Yr: .2233
NOX - Oxides of Nitrogen Tons/Yr: 1.1165
SOX - Oxides of Sulphur Tons/Yr: .006699
Particulate Matter Tons/Yr: 5.979625
Part. Matter 10 Micrometers and Smlr Tons/Yr:2.425345

Year: 2007
County Code: 31
Air Basin: SV
Facility ID: 70
Air District Name: PLA
SIC Code: 2431
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 15.13683034067908750
Reactive Organic Gases Tons/Yr: 14.5789685
Carbon Monoxide Emissions Tons/Yr: .2145
NOX - Oxides of Nitrogen Tons/Yr: 1.0725
SOX - Oxides of Sulphur Tons/Yr: .006435
Particulate Matter Tons/Yr: 2.810625
Part. Matter 10 Micrometers and Smlr Tons/Yr:1.156425

Year: 2008
County Code: 31
Air Basin: SV
Facility ID: 183
Air District Name: PLA
SIC Code: 2431
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 15.13683034067908750
Reactive Organic Gases Tons/Yr: 14.5789685
Carbon Monoxide Emissions Tons/Yr: .2145
NOX - Oxides of Nitrogen Tons/Yr: 1.0725
SOX - Oxides of Sulphur Tons/Yr: .006435
Particulate Matter Tons/Yr: 2.810625
Part. Matter 10 Micrometers and Smlr Tons/Yr:1.156425

Year: 2009
County Code: 31
Air Basin: SV
Facility ID: 183
Air District Name: PLA
SIC Code: 2431
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: N
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 11.459
Reactive Organic Gases Tons/Yr: 10.749605000000001
Carbon Monoxide Emissions Tons/Yr: 0.8912400000000003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOREST PRODUCTS MFG. CO (Continued)

S100833489

NOX - Oxides of Nitrogen Tons/Yr: 1.0609999999999999
SOX - Oxides of Sulphur Tons/Yr: 6.3660000000000001E-3
Particulate Matter Tons/Yr: 2.4480110000000002
Part. Matter 10 Micrometers and Smlr Tons/Yr:2.448375

Year: 2010
County Code: 31
Air Basin: SV
Facility ID: 183
Air District Name: PLA
SIC Code: 2431
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: N
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5.6125917497964997
Reactive Organic Gases Tons/Yr: 5.2283549999999996
Carbon Monoxide Emissions Tons/Yr: 0.8912400000000003
NOX - Oxides of Nitrogen Tons/Yr: 1.0609999999999999
SOX - Oxides of Sulphur Tons/Yr: 6.3660000000000001E-3
Particulate Matter Tons/Yr: 3.1806359999999998
Part. Matter 10 Micrometers and Smlr Tons/Yr:3.1806359999999998

Year: 2013
County Code: 31
Air Basin: SV
Facility ID: 183
Air District Name: PLA
SIC Code: 2431
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 8.7071442201
Reactive Organic Gases Tons/Yr: 8.155
Carbon Monoxide Emissions Tons/Yr: 0.873
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0.006
Particulate Matter Tons/Yr: 2.236
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.94

Year: 2014
County Code: 31
Air Basin: SV
Facility ID: 183
Air District Name: PLA
SIC Code: 2431
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 12.380430961
Reactive Organic Gases Tons/Yr: 11.6429
Carbon Monoxide Emissions Tons/Yr: 0.655
NOX - Oxides of Nitrogen Tons/Yr: 0.78
SOX - Oxides of Sulphur Tons/Yr: 0.004
Particulate Matter Tons/Yr: 1.699
Part. Matter 10 Micrometers and Smlr Tons/Yr:1.699

Year: 2015

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FOREST PRODUCTS MFG. CO (Continued)

S100833489

County Code: 31
 Air Basin: SV
 Facility ID: 183
 Air District Name: PLA
 SIC Code: 2431
 Air District Name: PLACER COUNTY APCD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 12.380430961
 Reactive Organic Gases Tons/Yr: 11.6429
 Carbon Monoxide Emissions Tons/Yr: 0.655
 NOX - Oxides of Nitrogen Tons/Yr: 0.78
 SOX - Oxides of Sulphur Tons/Yr: 0.004
 Particulate Matter Tons/Yr: 1.699
 Part. Matter 10 Micrometers and Smllr Tons/Yr:1.699

35
NE
1/2-1
0.784 mi.
4142 ft.

LOOMIS MS4 PHASE II
6140 HORSESHOE BAR
LOOMIS, CA 95650

ENF **S106800632**
NPDES **N/A**
WDS

Relative:
Higher

ENF:

Region: 5S
 Facility Id: 237358
 Agency Name: Town of Loomis
 Place Type: Utility
 Place Subtype: MS4
 Facility Type: All other facilities
 Agency Type: City Agency
 # Of Agencies: 1
 Place Latitude: 38.817627
 Place Longitude: -121.189913
 SIC Code 1: 9199
 SIC Desc 1: General Government, NEC
 SIC Code 2: Not reported
 SIC Desc 2: Not reported
 SIC Code 3: Not reported
 SIC Desc 3: Not reported
 NAICS Code 1: Not reported
 NAICS Desc 1: Not reported
 NAICS Code 2: Not reported
 NAICS Desc 2: Not reported
 NAICS Code 3: Not reported
 NAICS Desc 3: Not reported
 # Of Places: 1
 Source Of Facility: Reg Meas
 Design Flow: Not reported
 Threat To Water Quality: 3
 Complexity: C
 Pretreatment: X - Facility is not a POTW
 Facility Waste Type: Stormwater runoff
 Facility Waste Type 2: Not reported
 Facility Waste Type 3: Not reported
 Facility Waste Type 4: Not reported
 Program: MNSTW2
 Program Category1: NPDESSW
 Program Category2: NPDESSW

Actual:
375 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOOMIS MS4 PHASE II (Continued)

S106800632

# Of Programs:	1
WDID:	5A31NP00022
Reg Measure Id:	194489
Reg Measure Type:	Enrollee
Region:	5S
Order #:	2003-0005-DWQ
Npdes# CA#:	CAS000004
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	1000
Status:	Historical
Status Date:	09/25/2013
Effective Date:	12/04/2004
Expiration/Review Date:	04/30/2008
Termination Date:	06/30/2013
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	52 - Area Wide Municipal Storm Water Permit
Direction/Voice:	Passive
Enforcement Id(EID):	388277
Region:	5S
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice to Comply
Effective Date:	11/30/2012
Adoption/Issuance Date:	11/30/2012
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	NONC 11/30/2012 for City of Loomis
Description:	The Regional Board (RB) office issued a Notice of Violation for failure to submit 2010-11 & 2011-12 Annual Reports. Discharger is required to submit reports no later than 31 December 2012.
Program:	MNSTW2
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00
Region:	5S
Facility Id:	237358

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOOMIS MS4 PHASE II (Continued)

S106800632

Agency Name:	Town of Loomis
Place Type:	Utility
Place Subtype:	MS4
Facility Type:	All other facilities
Agency Type:	City Agency
# Of Agencies:	1
Place Latitude:	38.817627
Place Longitude:	-121.189913
SIC Code 1:	9199
SIC Desc 1:	General Government, NEC
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Stormwater runoff
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	MNSTW2
Program Category1:	NPDESSW
Program Category2:	NPDESSW
# Of Programs:	1
WDID:	5A31NP00022
Reg Measure Id:	194489
Reg Measure Type:	Enrollee
Region:	5S
Order #:	2003-0005-DWQ
Npdes# CA#:	CAS000004
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	1000
Status:	Historical
Status Date:	09/25/2013
Effective Date:	12/04/2004
Expiration/Review Date:	04/30/2008
Termination Date:	06/30/2013
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOOMIS MS4 PHASE II (Continued)

S106800632

Status Enrollee: Y
Individual/General: I
Fee Code: 52 - Area Wide Municipal Storm Water Permit
Direction/Voice: Passive
Enforcement Id(EID): 365851
Region: 5S
Order / Resolution Number: Not reported
Enforcement Action Type: Notice of Violation
Effective Date: 11/03/2008
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Active
Title: NOV 11/03/2008 for Town of Loomis
Description: Late Annual Report.
Program: MNSTW2
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: \$0.00
Initial Assessed Amount: \$0.00
Liability \$ Amount: \$0.00
Project \$ Amount: \$0.00
Liability \$ Paid: \$0.00
Project \$ Completed: \$0.00
Total \$ Paid/Completed Amount: \$0.00

NPDES:

Npdes Number: CAS000004
Facility Status: Historical
Agency Id: 26164
Region: 5S
Regulatory Measure Id: 194489
Order No: 2003-0005-DWQ
Regulatory Measure Type: Enrollee
Place Id: 237358
WDID: 5A31NP00022
Program Type: MNSTW2
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 12/04/2004
Expiration Date Of Regulatory Measure: 04/30/2008
Termination Date Of Regulatory Measure: 06/30/2013
Discharge Name: Town of Loomis
Discharge Address: 6140 Horseshoe Bar Road
Discharge City: Loomis
Discharge State: CA
Discharge Zip: 95650
RECEIVED DATE: Not reported
PROCESSED DATE: Not reported
STATUS CODE NAME: Not reported
STATUS DATE: Not reported
PLACE SIZE: Not reported
PLACE SIZE UNIT: Not reported
FACILITY CONTACT NAME: Not reported
FACILITY CONTACT TITLE: Not reported
FACILITY CONTACT PHONE: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOOMIS MS4 PHASE II (Continued)

S106800632

FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

WDS:

Facility ID:	Sacramento River 31NP00022
Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000004 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	0

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOOMIS MS4 PHASE II (Continued)

S106800632

Facility Telephone: 9166521840
 Facility Contact: BRIAN FRAGIAO
 Agency Name: LOOMIS TOWN OF
 Agency Address: 6140 HORSESHOE BAR RAOD
 Agency City,St,Zip: LOOMIS 95650
 Agency Contact: BRIAN FRAGIAO
 Agency Telephone: 9166521840
 Agency Type: City
 SIC Code: 9199
 SIC Code 2: Not reported
 Primary Waste Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
 Primary Waste: STORMS
 Waste Type2: Not reported
 Waste2: Stormwater Runoff
 Primary Waste Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 0
 Baseline Flow: 0
 Reclamation: No reclamation requirements associated with this facility.
 POTW: The facility is not a POTW.
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

36
 WSW
 1/2-1
 0.833 mi.
 4397 ft.

LOUISIANA-PACIFIC CORP - ROCKLIN
4300 DOMINGUEZ ROAD
ROCKLIN, CA 95677

ENVIROSTOR
LUST
HIST CORTESE
CA PLACER CO. MS
NPDES

S104163540
N/A

Relative:
Lower

ENVIROSTOR:
 Facility ID: 31240011
 Status: Refer: Other Agency
 Status Date: 11/16/1994
 Site Code: Not reported
 Site Type: Evaluation
 Site Type Detailed: Evaluation
 Acres: 1
 NPL: NO
 Regulatory Agencies: NONE SPECIFIED

Actual:
303 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOUISIANA-PACIFIC CORP - ROCKLIN (Continued)

S104163540

Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Sacramento
Assembly: 06
Senate: 01
Special Program: * CERC2
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 38.80141
Longitude: -121.2185
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * HYDROCARBON SOLVENTS * BIOLOGICAL WASTE OTHER THAN SEWAGE SLUDGE *
UNSPECIFIED ORGANIC LIQUID MIXTURE * PAPER SLUDGE/PULP
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: FIBREBOARD CORP (FC)
Alias Type: Alternate Name
Alias Name: Rocklin Mill/Sierra Pine Ltd
Alias Type: Alternate Name
Alias Name: Sierra Pine Limited
Alias Type: Alternate Name
Alias Name: 110000485779
Alias Type: EPA (FRS #)
Alias Name: SLT5S2603298
Alias Type: GeoTracker Global ID
Alias Name: T0606100007
Alias Type: GeoTracker Global ID
Alias Name: 31240011
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 09/18/1981
Comments: FACILITY IDENTIFIED CHAMBER OF COMMERCE DIRECTORY QUESTIONNAIRE SENT.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/26/1993
Comments: Preliminary Endangerment Assessment required low priority. The manufacturing of fiberboard at the facility has led to elevated level of tannins and lignins in the area ground water up to 4.2 milligrams per liter (mg/L) and in the area surface water up to .9 mg/L. These contaminants are considered non-hazardous. The RWQCB has inspected the ponds on-site. Placer County is involved in the ground water and surface water monitoring. The Air Resources Board and local air pollution control district are monitoring formaldehyde releases into the air from the facility.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 09/15/1989

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOUISIANA-PACIFIC CORP - ROCKLIN (Continued)

S104163540

Comments: PRELIMINARY ASSESSMENT (PA) DONE. MEDIUM PRIORITY SITE INSPECTION (SI) RECOMMENDED FOR DEPARTMENT OF HEALTH SERVICES (DHS) AND ENVIRONMENTAL PROTECTION AGENCY (EPA).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/03/1987
Comments: SITE SCREENING DONE. FILE INCOMPLETE, NO CLEANUP DOCUMENTED.

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

LUST:

Region: STATE
Global Id: T0606100007
Latitude: 38.8004684
Longitude: -121.2140626
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 09/12/2001
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Case Worker: PRS
Local Agency: PLACER COUNTY
RB Case Number: 310009
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0606100007
Contact Type: Regional Board Caseworker
Contact Name: PAUL SANDERS
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: psanders@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0606100007
Contact Type: Local Agency Caseworker
Contact Name: WEST BOURGAULT
Organization Name: PLACER COUNTY
Address: 3091 County Center Drive, Suite 180
City: AUBURN
Email: wbourgau@placer.ca.gov

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOUISIANA-PACIFIC CORP - ROCKLIN (Continued)

S104163540

Phone Number: Not reported

Status History:

Global Id: T0606100007
Status: Completed - Case Closed
Status Date: 09/12/2001

Global Id: T0606100007
Status: Open - Case Begin Date
Status Date: 11/04/1986

Global Id: T0606100007
Status: Open - Site Assessment
Status Date: 07/20/2001

Regulatory Activities:

Global Id: T0606100007
Action Type: ENFORCEMENT
Date: 01/18/2000
Action: Staff Letter

Global Id: T0606100007
Action Type: ENFORCEMENT
Date: 04/18/2001
Action: Staff Letter

Global Id: T0606100007
Action Type: ENFORCEMENT
Date: 08/22/2000
Action: Staff Letter

Global Id: T0606100007
Action Type: ENFORCEMENT
Date: 09/12/2001
Action: Closure/No Further Action Letter

Global Id: T0606100007
Action Type: Other
Date: 11/04/1986
Action: Leak Reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 31
Reg By: LTNKA
Reg Id: 310009

PLACER CO. MS:

Facility ID: FA0001943
Facility Status: Closed
Program Element Code: 2105
Program: HAZMAT BUSINESS PLAN
Record Num: PR0002724
District Code: 18

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOUISIANA-PACIFIC CORP - ROCKLIN (Continued)

S104163540

Decode for Fstatus: Closed

Facility ID: FA0001943
Facility Status: Closed
Program Element Code: 2270
Program: SMALL QUANTITY GENERATOR
Record Num: PR0006803
District Code: 18
Decode for Fstatus: Closed

NPDES:

Npdes Number: CAS000001
Facility Status: Terminated
Agency Id: 0
Region: 5S
Regulatory Measure Id: 199170
Order No: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 5S31I000782
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 03/20/1992
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 06/30/2015
Discharge Name: Sierrapine Rocklin Division
Discharge Address: 4300 DOMINGUEZ RD
Discharge City: ROCKLIN
Discharge State: California
Discharge Zip: 95677
RECEIVED DATE: Not reported
PROCESSED DATE: Not reported
STATUS CODE NAME: Not reported
STATUS DATE: Not reported
PLACE SIZE: Not reported
PLACE SIZE UNIT: Not reported
FACILITY CONTACT NAME: Not reported
FACILITY CONTACT TITLE: Not reported
FACILITY CONTACT PHONE: Not reported
FACILITY CONTACT PHONE EXT: Not reported
FACILITY CONTACT EMAIL: Not reported
OPERATOR NAME: Not reported
OPERATOR ADDRESS: Not reported
OPERATOR CITY: Not reported
OPERATOR STATE: Not reported
OPERATOR ZIP: Not reported
OPERATOR CONTACT NAME: Not reported
OPERATOR CONTACT TITLE: Not reported
OPERATOR CONTACT PHONE: Not reported
OPERATOR CONTACT PHONE EXT: Not reported
OPERATOR CONTACT EMAIL: Not reported
OPERATOR TYPE: Not reported
DEVELOPER NAME: Not reported
DEVELOPER ADDRESS: Not reported
DEVELOPER CITY: Not reported
DEVELOPER STATE: Not reported
DEVELOPER ZIP: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOUISIANA-PACIFIC CORP - ROCKLIN (Continued)

S104163540

DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	5S
Regulatory Measure Id:	199170
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	5S31I000782
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	5/9/2008
PROCESSED DATE:	3/20/1992
STATUS CODE NAME:	Active
STATUS DATE:	3/20/1992
PLACE SIZE:	36
PLACE SIZE UNIT:	52
FACILITY CONTACT NAME:	Katherine Fry
FACILITY CONTACT TITLE:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOUISIANA-PACIFIC CORP - ROCKLIN (Continued)

S104163540

FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	kfry@sierrapine.com
OPERATOR NAME:	Sierrapine Rocklin Division
OPERATOR ADDRESS:	4300 DOMINGUEZ RD
OPERATOR CITY:	ROCKLIN
OPERATOR STATE:	California
OPERATOR ZIP:	95677
OPERATOR CONTACT NAME:	Lanny Hammock
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	916-624-2473
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	lhammock@sierrapine.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	916-624-2473
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Sucker Ravine
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	2493-Reconstituted Wood Products
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

37
WSW
1/2-1
0.899 mi.
4746 ft.

LEGACY PLUMBING
4335 PACIFIC ST
ROCKLIN, CA 95677

ENVIROSTOR S110502646
EMI N/A

Relative:
Lower

ENVIROSTOR:

Actual:
302 ft.

Facility ID: 31240007
Status: Refer: Other Agency
Status Date: 11/16/1994
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 1
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Sacramento
Assembly: 06
Senate: 01
Special Program: * CERC2
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 38.80279
Longitude: -121.2200
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * Sludge - Paint * UNSPECIFIED SLUDGE WASTE
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD982358517
Alias Type: CERCLIS ID
Alias Name: SLT5S1393179
Alias Type: GeoTracker Global ID
Alias Name: 31240007
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 09/18/1981
Comments: FACILITY IDENTIFIED C. OF C. DIRECTORY. QUESTIONNAIRE SENT.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 09/14/1989
Comments: PRELIMINARY ASSESSMENT DONE. PAINT RESIDUE SPILLED ONSITE; COMPANY COMPLETED CLEANUP WITHOUT OVERSITE; NO FURTHER ACTION FOR ENVIRONMENTAL PROTECTION AGENCY; LOW PRIORITY SITE INSPECTION FOR DEPARTMENT OF HEALTH SERVICES.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/30/1987

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEGACY PLUMBING (Continued)

S110502646

Comments: SITE SCREENING DONE. ABANDONED SITE PROGRAM FILE STATED NO FURTHER ACTION NECESSARY, HOWEVER, NO CLEANUP WAS DOCUMENTED AND THE PROBLEM HAS NOT BEEN DEFINED.

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

EMI:

Year: 2008
County Code: 31
Air Basin: SV
Facility ID: 970
Air District Name: PLA
SIC Code: 1711
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .0135655
Reactive Organic Gases Tons/Yr: .01351530765
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2009
County Code: 31
Air Basin: SV
Facility ID: 970
Air District Name: PLA
SIC Code: 1711
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.841500000000001E-2
Reactive Organic Gases Tons/Yr: 1.799999999999999E-2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2010
County Code: 31
Air Basin: SV
Facility ID: 970
Air District Name: PLA
SIC Code: 1711
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEGACY PLUMBING (Continued)

S110502646

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.8415000000000001E-2
Reactive Organic Gases Tons/Yr: 1.8346864500000001E-2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2011
County Code: 31
Air Basin: SV
Facility ID: 970
Air District Name: PLA
SIC Code: 1711
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.018415
Reactive Organic Gases Tons/Yr: 0.0183468645
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2012
County Code: 31
Air Basin: SV
Facility ID: 970
Air District Name: PLA
SIC Code: 1711
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.018415
Reactive Organic Gases Tons/Yr: 0.0183468645
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2013
County Code: 31
Air Basin: SV
Facility ID: 970
Air District Name: PLA
SIC Code: 1711
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.018415
Reactive Organic Gases Tons/Yr: 0.018415
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEGACY PLUMBING (Continued)

S110502646

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Count: 5 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOOMIS	S117710738	SIERRA COLLEGE BLVD WIDENING GRANI	SIERRA COLLEGE BLVD.	95650	NPDES
LOOMIS	S106842899	LINCOLN HIGHWAY ABANDONMENT PARCEL	TAYLOR RD & UNION PACIFIC RR T		SLIC
ROCKLIN	S118597024	INTERSTATE 80 AT SIERRA COLLEGE BL	INTERSTATE 80 AT SIERRA COLLEG	95677	NPDES
ROCKLIN	S106230349	FOREST PRODUCTS MANUFACTURING ?	PACIFIC ST, INDUSTRIAL PARK, L		SLIC
ROCKLIN	S117710737	SIERRA COLLEGE BLVD WIDENING FROM	SIERRA COLLEGE BLVD AT ROCKLIN	95677	NPDES

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 07/07/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 10/17/2016
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 07/07/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 10/17/2016
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 07/07/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 10/17/2016
	Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 11/13/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/06/2016	Telephone: 703-603-8704
Date Made Active in Reports: 05/20/2016	Last EDR Contact: 07/06/2016
Number of Days to Update: 135	Next Scheduled EDR Contact: 10/17/2016
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 07/22/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 10/31/2016
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 07/22/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 10/31/2016
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/27/2016	Source: EPA
Date Data Arrived at EDR: 06/30/2016	Telephone: 800-424-9346
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 06/30/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/10/2016
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 06/30/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/17/2016
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 06/30/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/17/2016
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 06/30/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/17/2016
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 06/30/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/17/2016
	Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 08/12/2016
Number of Days to Update: 13	Next Scheduled EDR Contact: 11/28/2016
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 05/09/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/01/2016	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 08/31/2016
Number of Days to Update: 93	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 05/09/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/01/2016	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 08/31/2016
Number of Days to Update: 93	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 03/28/2016
Date Data Arrived at EDR: 03/30/2016
Date Made Active in Reports: 05/20/2016
Number of Days to Update: 51

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/28/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

Date of Government Version: 05/02/2016
Date Data Arrived at EDR: 05/04/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 48

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/02/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 05/02/2016
Date Data Arrived at EDR: 05/04/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 48

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/02/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 05/16/2016
Date Data Arrived at EDR: 05/18/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 34

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/16/2016
Next Scheduled EDR Contact: 11/28/2016
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 5: Leaking Underground Storage Tank Database

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

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

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

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

LUST REG 8: Leaking Underground Storage Tanks

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

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: Varies

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

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

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

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

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

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

LUST: Geotracker's Leaking Underground Fuel Tank Report

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/13/2016
Date Data Arrived at EDR: 06/14/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 56

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/14/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Quarterly

LUST REG 4: Underground Storage Tank Leak List

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

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

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

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

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

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

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

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

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

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015
Date Data Arrived at EDR: 02/19/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 105

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015
Date Data Arrived at EDR: 02/12/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 112

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015	Source: EPA Region 8
Date Data Arrived at EDR: 10/23/2015	Telephone: 303-312-6271
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 118	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/25/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3372
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015	Source: EPA Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 07/29/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/17/2016	Source: EPA, Region 5
Date Data Arrived at EDR: 04/27/2016	Telephone: 312-886-7439
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-8677
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 07/26/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Semi-Annually

SLIC: Statewide SLIC Cases

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

Date of Government Version: 06/13/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/14/2016	Telephone: 866-480-1028
Date Made Active in Reports: 08/09/2016	Last EDR Contact: 06/14/2016
Number of Days to Update: 56	Next Scheduled EDR Contact: 09/26/2016
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 1: Active Toxic Site Investigations

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

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

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

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

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

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

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

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

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

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

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

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

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

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

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

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

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

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

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

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

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

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6L: SLIC Sites

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

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

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

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

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

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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

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

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

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

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

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

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

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

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/07/2016
Next Scheduled EDR Contact: 10/24/2016
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/13/2016
Date Data Arrived at EDR: 06/14/2016
Date Made Active in Reports: 08/08/2016
Number of Days to Update: 55

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/14/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2009	Telephone: 916-327-5092
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 07/07/2016
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/10/2016
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/25/2016	Source: EPA Region 9
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3368
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/26/2016	Source: EPA Region 8
Date Data Arrived at EDR: 02/05/2016	Telephone: 303-312-6137
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 119	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 07/27/2016
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/20/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 07/29/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-9424
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 07/26/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/05/2015	Source: EPA Region 5
Date Data Arrived at EDR: 11/13/2015	Telephone: 312-886-6136
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 12/03/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/04/2016	Telephone: 214-665-7591
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 120	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Semi-Annually

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

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

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 07/01/2016
Number of Days to Update: 142	Next Scheduled EDR Contact: 10/10/2016
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 05/02/2016	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/04/2016	Telephone: 916-323-3400
Date Made Active in Reports: 06/21/2016	Last EDR Contact: 08/02/2016
Number of Days to Update: 48	Next Scheduled EDR Contact: 11/14/2016
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 02/29/2016
Date Data Arrived at EDR: 03/07/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 58

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/15/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 06/21/2016
Date Data Arrived at EDR: 06/22/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/22/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 08/03/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/13/2016
Date Data Arrived at EDR: 06/14/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 56

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/14/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/16/2016
Date Data Arrived at EDR: 06/16/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 54

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/10/2016
Next Scheduled EDR Contact: 11/28/2016
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 08/05/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/20/2016
Next Scheduled EDR Contact: 10/07/2016
Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 05/04/2016
Date Data Arrived at EDR: 06/03/2016
Date Made Active in Reports: 07/13/2016
Number of Days to Update: 40

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/31/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

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

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

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

SCH: School Property Evaluation Program

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/02/2016
Date Data Arrived at EDR: 05/04/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 48

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/02/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 05/10/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 08/15/2016
Next Scheduled EDR Contact: 10/24/2016
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

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

US CDL: Clandestine Drug Labs

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

Date of Government Version: 05/04/2016
Date Data Arrived at EDR: 06/03/2016
Date Made Active in Reports: 07/13/2016
Number of Days to Update: 40

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/31/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

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

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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 06/07/2016
Date Data Arrived at EDR: 06/09/2016
Date Made Active in Reports: 06/23/2016
Number of Days to Update: 14

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/24/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST UST: Hazardous Substance Storage Container Database

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

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

CA FID UST: Facility Inventory Database

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

Date of Government Version: 10/31/1994	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995	Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995	Last EDR Contact: 12/28/1998
Number of Days to Update: 24	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

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

Date of Government Version: 06/02/2016	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/07/2016	Telephone: 916-323-3400
Date Made Active in Reports: 07/20/2016	Last EDR Contact: 09/02/2016
Number of Days to Update: 43	Next Scheduled EDR Contact: 12/19/2016
	Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/18/2014	Telephone: 202-564-6023
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 07/29/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Varies

DEED: Deed Restriction Listing

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

Date of Government Version: 06/06/2016	Source: DTSC and SWRCB
Date Data Arrived at EDR: 06/07/2016	Telephone: 916-323-3400
Date Made Active in Reports: 07/20/2016	Last EDR Contact: 09/07/2016
Number of Days to Update: 43	Next Scheduled EDR Contact: 12/19/2016
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 06/24/2015	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 06/26/2015	Telephone: 202-366-4555
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 06/28/2016
Number of Days to Update: 68	Next Scheduled EDR Contact: 10/10/2016
	Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 04/11/2016	Source: Office of Emergency Services
Date Data Arrived at EDR: 04/27/2016	Telephone: 916-845-8400
Date Made Active in Reports: 06/17/2016	Last EDR Contact: 07/26/2016
Number of Days to Update: 51	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

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

Date of Government Version: 06/13/2016	Source: State Water Quality Control Board
Date Data Arrived at EDR: 06/14/2016	Telephone: 866-480-1028
Date Made Active in Reports: 08/09/2016	Last EDR Contact: 06/14/2016
Number of Days to Update: 56	Next Scheduled EDR Contact: 09/26/2016
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 06/13/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/14/2016	Telephone: 866-480-1028
Date Made Active in Reports: 08/09/2016	Last EDR Contact: 06/14/2016
Number of Days to Update: 56	Next Scheduled EDR Contact: 09/26/2016
	Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

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

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/21/2016
Date Data Arrived at EDR: 06/30/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/30/2016
Next Scheduled EDR Contact: 10/17/2016
Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 06/10/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/15/2016
Next Scheduled EDR Contact: 10/24/2016
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/15/2016
Next Scheduled EDR Contact: 10/24/2016
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/15/2016
Next Scheduled EDR Contact: 11/28/2016
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 05/08/2016
Date Data Arrived at EDR: 05/18/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 107

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 08/17/2016
Next Scheduled EDR Contact: 11/28/2016
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 08/08/2016
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/21/2016
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 04/22/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/03/2015	Telephone: 703-308-4044
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 09/06/2016
Number of Days to Update: 6	Next Scheduled EDR Contact: 11/21/2016
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2012	Source: EPA
Date Data Arrived at EDR: 01/15/2015	Telephone: 202-260-5521
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 06/24/2016
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/03/2016
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2014	Source: EPA
Date Data Arrived at EDR: 11/24/2015	Telephone: 202-566-0250
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 08/26/2016
Number of Days to Update: 133	Next Scheduled EDR Contact: 12/05/2016
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 07/25/2016
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

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

Date of Government Version: 11/25/2013	Source: EPA
Date Data Arrived at EDR: 12/12/2013	Telephone: 703-416-0223
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 06/07/2016
Number of Days to Update: 74	Next Scheduled EDR Contact: 09/19/2016
	Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 05/01/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/26/2016	Telephone: 202-564-8600
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 07/25/2016
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 08/12/2016
Number of Days to Update: 3	Next Scheduled EDR Contact: 11/21/2016
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/20/2016	Source: EPA
Date Data Arrived at EDR: 04/28/2016	Telephone: 202-566-0500
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 07/15/2016
Number of Days to Update: 127	Next Scheduled EDR Contact: 10/24/2016
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

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

Date of Government Version: 01/23/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/06/2015	Telephone: 202-564-5088
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 07/07/2016
Number of Days to Update: 31	Next Scheduled EDR Contact: 10/24/2016
	Data Release Frequency: Quarterly

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

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/05/2016
	Data Release Frequency: Quarterly

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

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/05/2016
	Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

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

Date of Government Version: 03/07/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 03/18/2016	Telephone: 301-415-7169
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 09/05/2016
Number of Days to Update: 28	Next Scheduled EDR Contact: 11/21/2016
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 06/09/2016
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/19/2016
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/06/2016
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/19/2016
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 07/29/2016
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 07/07/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/09/2015	Telephone: 202-343-9775
Date Made Active in Reports: 09/16/2015	Last EDR Contact: 07/07/2016
Number of Days to Update: 69	Next Scheduled EDR Contact: 10/17/2016
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 08/02/2016
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/14/2016
	Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/06/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 149

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/15/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/26/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

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

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/15/2016
Next Scheduled EDR Contact: 10/24/2016
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

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

Date of Government Version: 03/11/2016
Date Data Arrived at EDR: 03/15/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 80

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/26/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/23/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/07/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 148

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/08/2016
Next Scheduled EDR Contact: 10/17/2016
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

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

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/22/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/22/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 02/09/2016
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 44

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/01/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

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

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

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

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

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 07/20/2015	Source: EPA
Date Data Arrived at EDR: 09/09/2015	Telephone: (415) 947-8000
Date Made Active in Reports: 11/03/2015	Last EDR Contact: 09/07/2016
Number of Days to Update: 55	Next Scheduled EDR Contact: 12/19/2016
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/03/2016	Telephone: 202-564-0527
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 08/24/2016
Number of Days to Update: 91	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015	Source: Department of Defense
Date Data Arrived at EDR: 01/29/2016	Telephone: 571-373-0407
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 06/20/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 10/03/2016
	Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

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

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

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

Date of Government Version: 06/27/2016	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 06/28/2016	Telephone: 916-323-3400
Date Made Active in Reports: 08/18/2016	Last EDR Contact: 06/28/2016
Number of Days to Update: 51	Next Scheduled EDR Contact: 10/10/2016
	Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 06/02/2016	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-4498
Date Made Active in Reports: 08/18/2016	Last EDR Contact: 09/02/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 12/19/2016
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2015	Source: California Air Resources Board
Date Data Arrived at EDR: 06/22/2016	Telephone: 916-322-2990
Date Made Active in Reports: 08/09/2016	Last EDR Contact: 06/22/2016
Number of Days to Update: 48	Next Scheduled EDR Contact: 10/03/2016
	Data Release Frequency: Varies

ENF: Enforcement Action Listing

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

Date of Government Version: 05/25/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 05/27/2016	Telephone: 916-445-9379
Date Made Active in Reports: 07/20/2016	Last EDR Contact: 08/22/2016
Number of Days to Update: 54	Next Scheduled EDR Contact: 10/07/2016
	Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/25/2016	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/29/2016	Telephone: 916-255-3628
Date Made Active in Reports: 06/21/2016	Last EDR Contact: 07/20/2016
Number of Days to Update: 53	Next Scheduled EDR Contact: 10/07/2016
	Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

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

Date of Government Version: 05/25/2016	Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 06/01/2016	Telephone: 916-341-6066
Date Made Active in Reports: 07/20/2016	Last EDR Contact: 08/10/2016
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/28/2016
	Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

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

Date of Government Version: 12/31/2014	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 10/14/2015	Telephone: 916-255-1136
Date Made Active in Reports: 12/11/2015	Last EDR Contact: 07/15/2016
Number of Days to Update: 58	Next Scheduled EDR Contact: 10/24/2016
	Data Release Frequency: Annually

HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 05/23/2016	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/25/2016	Telephone: 916-323-3400
Date Made Active in Reports: 07/20/2016	Last EDR Contact: 08/23/2016
Number of Days to Update: 56	Next Scheduled EDR Contact: 12/05/2016
	Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 07/11/2016	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 07/13/2016	Telephone: 916-440-7145
Date Made Active in Reports: 08/18/2016	Last EDR Contact: 07/13/2016
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/24/2016
	Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 06/13/2016	Source: Department of Conservation
Date Data Arrived at EDR: 06/14/2016	Telephone: 916-322-1080
Date Made Active in Reports: 08/09/2016	Last EDR Contact: 06/14/2016
Number of Days to Update: 56	Next Scheduled EDR Contact: 09/26/2016
	Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 05/25/2016	Source: Department of Public Health
Date Data Arrived at EDR: 06/07/2016	Telephone: 916-558-1784
Date Made Active in Reports: 07/20/2016	Last EDR Contact: 09/07/2016
Number of Days to Update: 43	Next Scheduled EDR Contact: 12/19/2016
	Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/16/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 05/18/2016	Telephone: 916-445-9379
Date Made Active in Reports: 06/23/2016	Last EDR Contact: 08/16/2016
Number of Days to Update: 36	Next Scheduled EDR Contact: 11/28/2016
	Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

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

Date of Government Version: 06/06/2016	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 06/07/2016	Telephone: 916-445-4038
Date Made Active in Reports: 07/20/2016	Last EDR Contact: 09/07/2016
Number of Days to Update: 43	Next Scheduled EDR Contact: 12/19/2016
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/13/2016
Date Data Arrived at EDR: 06/14/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 56

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/14/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 09/10/2015
Date Data Arrived at EDR: 01/05/2016
Date Made Active in Reports: 02/12/2016
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/30/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: No Update Planned

UIC: UIC Listing

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

Date of Government Version: 02/12/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 06/13/2016
Number of Days to Update: 89

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/16/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

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

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/15/2016
Next Scheduled EDR Contact: 10/24/2016
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

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

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 08/17/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List

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

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

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/24/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: Varies

ICE: ICE

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/23/2016
Date Data Arrived at EDR: 05/25/2016
Date Made Active in Reports: 07/20/2016
Number of Days to Update: 56

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 08/23/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 09/20/2015
Date Data Arrived at EDR: 09/23/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 103

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/22/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 05/24/2016
Date Data Arrived at EDR: 05/25/2016
Date Made Active in Reports: 07/13/2016
Number of Days to Update: 49

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/23/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

EDR Hist Auto: EDR Exclusive Historic Gas Stations

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

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

Date of Government Version: N/A	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

Date of Government Version: N/A	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

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

Date of Government Version: 07/07/2016	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 07/12/2016	Telephone: 510-567-6700
Date Made Active in Reports: 08/18/2016	Last EDR Contact: 07/07/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 10/24/2016
	Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/07/2016	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 07/12/2016	Telephone: 510-567-6700
Date Made Active in Reports: 08/08/2016	Last EDR Contact: 07/07/2016
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/24/2016
	Data Release Frequency: Semi-Annually

AMADOR COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa Facility List

Date of Government Version: 06/06/2016
Date Data Arrived at EDR: 06/09/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 12

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/03/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 18

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 07/07/2016
Next Scheduled EDR Contact: 10/24/2016
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 04/29/2016
Date Data Arrived at EDR: 05/03/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 45

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/27/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 05/25/2016
Date Data Arrived at EDR: 05/26/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 22

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 09/06/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List

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

Date of Government Version: 05/24/2016
Date Data Arrived at EDR: 05/26/2016
Date Made Active in Reports: 07/20/2016
Number of Days to Update: 55

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 08/01/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa Facility list

Date of Government Version: 04/08/2016
Date Data Arrived at EDR: 05/03/2016
Date Made Active in Reports: 06/22/2016
Number of Days to Update: 50

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/24/2016
Date Data Arrived at EDR: 05/26/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 75

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

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

Date of Government Version: 07/13/2016
Date Data Arrived at EDR: 07/19/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 21

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/13/2016
Next Scheduled EDR Contact: 10/17/2016
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/08/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 41

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/22/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 04/26/2016
Date Data Arrived at EDR: 04/28/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 50

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/20/2016
Next Scheduled EDR Contact: 10/07/2016
Data Release Frequency: Varies

INYO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 08/17/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

KERN COUNTY:

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

Date of Government Version: 05/16/2016
Date Data Arrived at EDR: 05/20/2016
Date Made Active in Reports: 08/08/2016
Number of Days to Update: 80

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 08/03/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/25/2016
Date Data Arrived at EDR: 05/27/2016
Date Made Active in Reports: 06/22/2016
Number of Days to Update: 26

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 04/26/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 51

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 08/19/2016
Next Scheduled EDR Contact: 10/31/2016
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

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

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 06/15/2016
Next Scheduled EDR Contact: 07/04/2016
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/05/2016	Source: Department of Public Works
Date Data Arrived at EDR: 07/12/2016	Telephone: 626-458-3517
Date Made Active in Reports: 08/18/2016	Last EDR Contact: 07/07/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 10/24/2016
	Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/18/2016	Source: La County Department of Public Works
Date Data Arrived at EDR: 04/20/2016	Telephone: 818-458-5185
Date Made Active in Reports: 06/01/2016	Last EDR Contact: 07/19/2016
Number of Days to Update: 42	Next Scheduled EDR Contact: 10/31/2016
	Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2016	Source: Engineering & Construction Division
Date Data Arrived at EDR: 01/26/2016	Telephone: 213-473-7869
Date Made Active in Reports: 03/22/2016	Last EDR Contact: 07/18/2016
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/31/2016
	Data Release Frequency: Varies

Site Mitigation List

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

Date of Government Version: 03/29/2016	Source: Community Health Services
Date Data Arrived at EDR: 04/06/2016	Telephone: 323-890-7806
Date Made Active in Reports: 06/13/2016	Last EDR Contact: 07/13/2016
Number of Days to Update: 68	Next Scheduled EDR Contact: 10/31/2016
	Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/02/2015	Telephone: 310-524-2236
Date Made Active in Reports: 04/13/2015	Last EDR Contact: 07/13/2016
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/31/2016
	Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

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

Date of Government Version: 11/04/2015	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 11/13/2015	Telephone: 562-570-2563
Date Made Active in Reports: 12/17/2015	Last EDR Contact: 07/25/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/23/2016	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 07/12/2016	Telephone: 310-618-2973
Date Made Active in Reports: 08/09/2016	Last EDR Contact: 07/07/2016
Number of Days to Update: 28	Next Scheduled EDR Contact: 10/24/2016
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/03/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 67

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/17/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 04/07/2016
Date Data Arrived at EDR: 04/26/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 36

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 06/30/2016
Next Scheduled EDR Contact: 10/17/2016
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 06/15/2016
Date Data Arrived at EDR: 06/20/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 59

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 08/17/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 05/25/2016
Date Data Arrived at EDR: 06/01/2016
Date Made Active in Reports: 06/22/2016
Number of Days to Update: 21

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/24/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/24/2016
Date Data Arrived at EDR: 06/27/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 43

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 08/22/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

NAPA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sites With Reported Contamination

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

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/24/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/24/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 04/18/2016
Date Data Arrived at EDR: 05/06/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 42

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2016
Date Data Arrived at EDR: 05/17/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 35

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/08/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2016
Date Data Arrived at EDR: 05/17/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 35

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/08/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/01/2016
Date Data Arrived at EDR: 05/11/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/09/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Quarterly

PLACER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 06/16/2016
Date Data Arrived at EDR: 06/20/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 50

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/13/2016
Date Data Arrived at EDR: 04/15/2016
Date Made Active in Reports: 05/09/2016
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/20/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/13/2016
Date Data Arrived at EDR: 07/18/2016
Date Made Active in Reports: 08/08/2016
Number of Days to Update: 21

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/20/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 05/02/2016
Date Data Arrived at EDR: 07/06/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 43

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/06/2016
Next Scheduled EDR Contact: 10/17/2016
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

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

Date of Government Version: 05/02/2016
Date Data Arrived at EDR: 07/06/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 43

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/05/2016
Next Scheduled EDR Contact: 10/17/2016
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/10/2016
Date Made Active in Reports: 07/20/2016
Number of Days to Update: 40

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 08/08/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

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

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/02/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/20/2016
Next Scheduled EDR Contact: 10/07/2016
Data Release Frequency: Varies

Environmental Case Listing

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

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

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

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 08/03/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 08/03/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Joaquin Co. UST

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

Date of Government Version: 06/16/2016
Date Data Arrived at EDR: 06/20/2016
Date Made Active in Reports: 08/08/2016
Number of Days to Update: 49

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/15/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 05/23/2016
Date Data Arrived at EDR: 05/24/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 28

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/17/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

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

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/07/2016
Date Made Active in Reports: 06/22/2016
Number of Days to Update: 15

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 05/27/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Annually

Fuel Leak List

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

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 57

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/08/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 08/17/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/25/2016
Date Data Arrived at EDR: 05/26/2016
Date Made Active in Reports: 06/22/2016
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/17/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 08/24/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/26/2016
Date Data Arrived at EDR: 06/01/2016
Date Made Active in Reports: 07/20/2016
Number of Days to Update: 49

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 08/03/2016
Next Scheduled EDR Contact: 11/21/2016
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 05/31/2016
Date Data Arrived at EDR: 06/02/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 19

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 08/17/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/14/2016
Date Data Arrived at EDR: 06/16/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 54

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 08/22/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

SOLANO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Leaking Underground Storage Tanks

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

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 57

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/08/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/14/2016
Date Made Active in Reports: 08/08/2016
Number of Days to Update: 55

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/08/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

Date of Government Version: 07/10/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 28

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 07/07/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

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

Date of Government Version: 07/01/2016
Date Data Arrived at EDR: 07/05/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 44

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/24/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/07/2016
Date Made Active in Reports: 06/23/2016
Number of Days to Update: 16

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 05/03/2016
Date Data Arrived at EDR: 05/10/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 38

Source: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 08/03/2016
Next Scheduled EDR Contact: 10/07/2016
Data Release Frequency: Varies

VENTURA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

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

Date of Government Version: 03/28/2016	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 04/29/2016	Telephone: 805-654-2813
Date Made Active in Reports: 06/17/2016	Last EDR Contact: 07/25/2016
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

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

Date of Government Version: 12/01/2011	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 06/28/2016
Number of Days to Update: 49	Next Scheduled EDR Contact: 10/17/2016
	Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 08/10/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/28/2016
	Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/28/2016	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 04/29/2016	Telephone: 805-654-2813
Date Made Active in Reports: 06/22/2016	Last EDR Contact: 07/25/2016
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Quarterly

Underground Tank Closed Sites List

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

Date of Government Version: 05/26/2016	Source: Environmental Health Division
Date Data Arrived at EDR: 06/16/2016	Telephone: 805-654-2813
Date Made Active in Reports: 08/09/2016	Last EDR Contact: 06/16/2016
Number of Days to Update: 54	Next Scheduled EDR Contact: 09/26/2016
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 06/30/2016	Source: Yolo County Department of Health
Date Data Arrived at EDR: 07/05/2016	Telephone: 530-666-8646
Date Made Active in Reports: 08/09/2016	Last EDR Contact: 06/30/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 10/17/2016
	Data Release Frequency: Annually

YUBA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 04/29/2016
Date Data Arrived at EDR: 05/03/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 45

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 07/27/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/10/2016
Next Scheduled EDR Contact: 11/28/2016
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/11/2016
Next Scheduled EDR Contact: 10/24/2016
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 05/01/2016
Date Data Arrived at EDR: 05/06/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 42

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/03/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/18/2015
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/18/2016
Next Scheduled EDR Contact: 10/31/2016
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/22/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/13/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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

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

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 2003 & 2011 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, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game
Telephone: 916-445-0411

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SEC BRACE RD AND SIERRA COLLEGE BLVD
SEC BRACE RD AND SIERRA COLLEGE BLVD
LOOMIS, CA 95650

TARGET PROPERTY COORDINATES

Latitude (North):	38.809213 - 38° 48' 33.17"
Longitude (West):	121.203369 - 121° 12' 12.13"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	655999.9
UTM Y (Meters):	4296930.5
Elevation:	336 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5629068 ROCKLIN, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

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

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

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

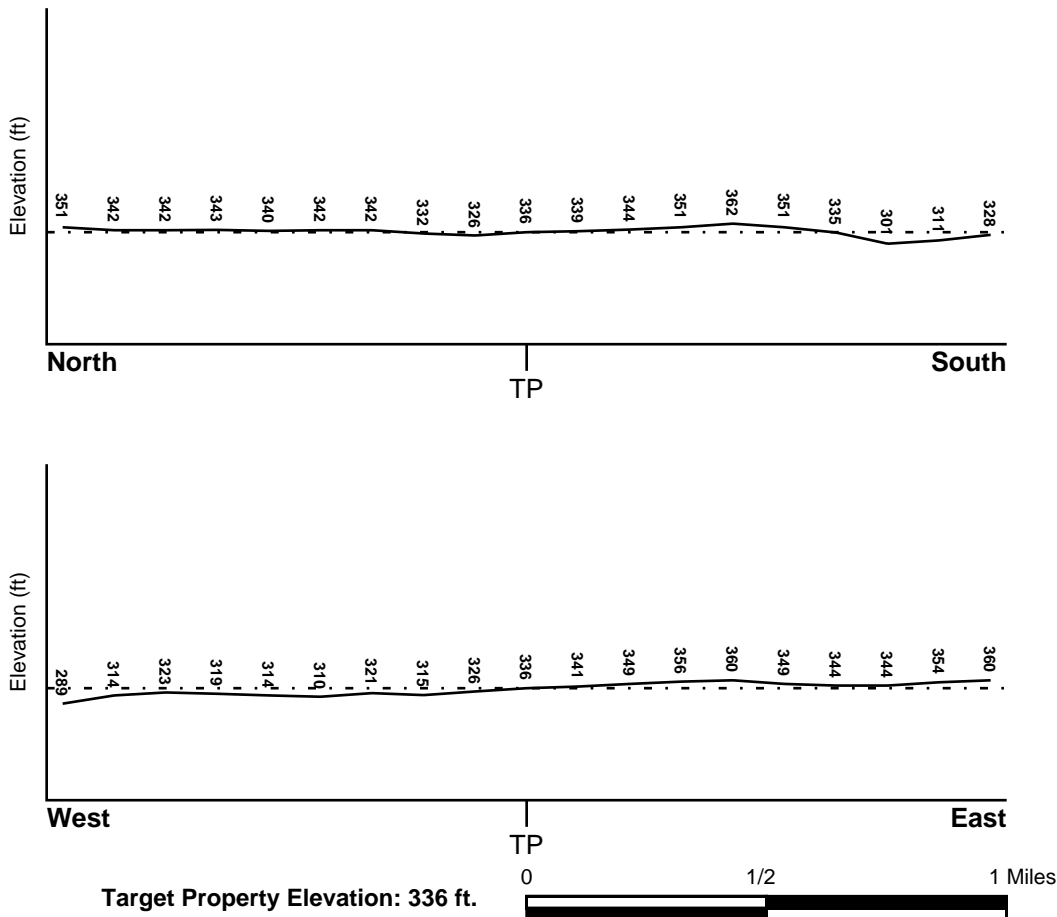
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Target Property County
PLACER, CA

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

Flood Plain Panel at Target Property: 0607210001A - FEMA Q3 Flood data

Additional Panels in search area: 0602390418D - FEMA Q3 Flood data
0602420005C - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
ROCKLIN

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

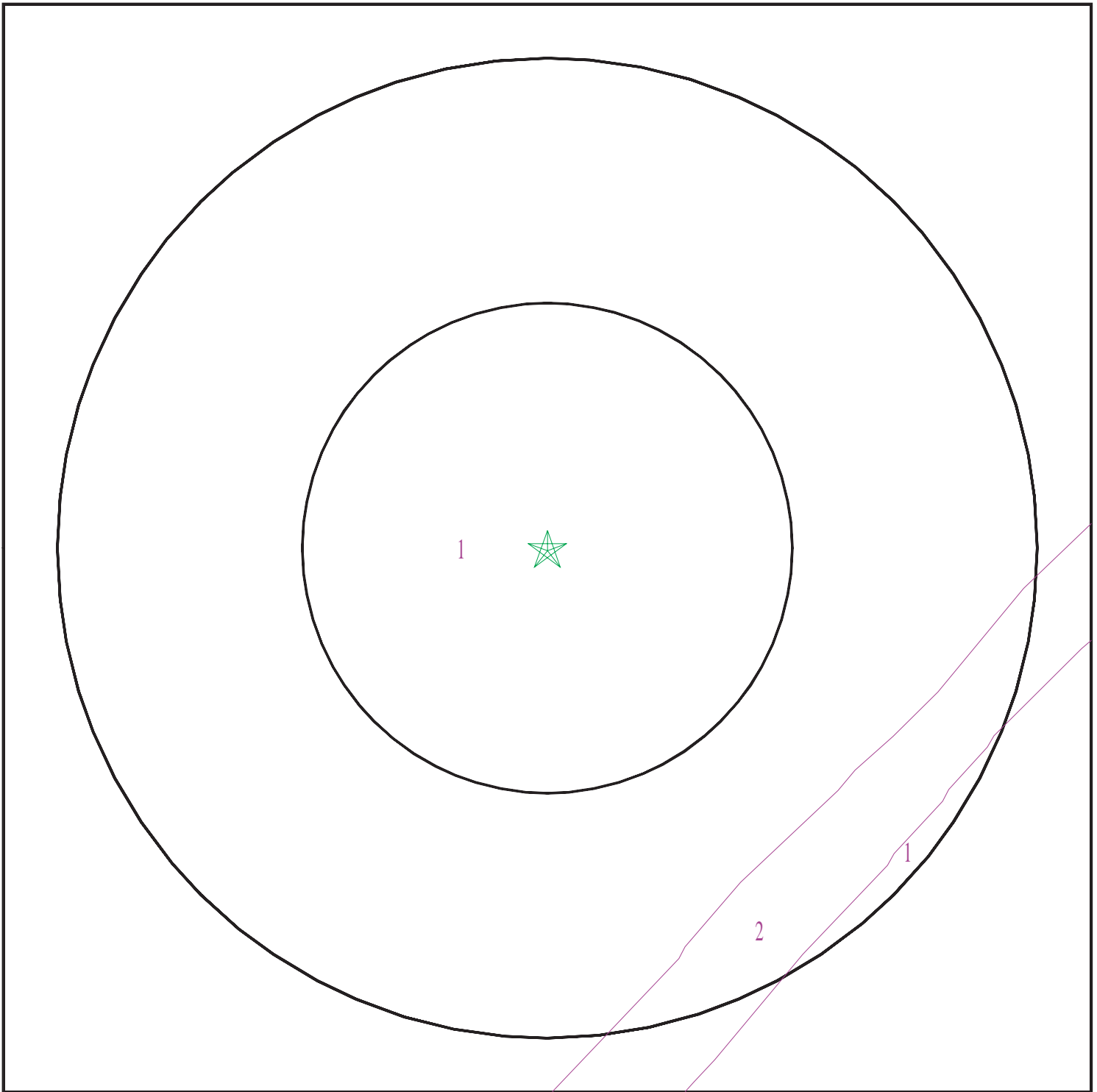
Era: Mesozoic
System: Jurassic
Series: Jurassic
Code: Jg (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Jurassic granitic rocks

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

SSURGO SOIL MAP - 4722099.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: SEC Brace Rd and Sierra College Blvd
ADDRESS: SEC Brace Rd and Sierra College Blvd
Loomis CA 95650
LAT/LONG: 38.809213 / 121.203369

CLIENT: Kleinfelder, Inc.
CONTACT: Karin Hagan
INQUIRY #: 4722099.2s
DATE: September 08, 2016 5:03 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: ANDREGG

Soil Surface Texture: coarse sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6
2	14 inches	29 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 5.6
3	29 inches	33 inches	weathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: XERORTHENTS

Soil Surface Texture: variable

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40000190337	1/4 - 1/2 Mile NW
2	USGS40000190338	1/4 - 1/2 Mile NW
3	USGS40000190328	1/2 - 1 Mile East
4	USGS40000190285	1/2 - 1 Mile SE
A5	USGS40000190325	1/2 - 1 Mile West
B6	USGS40000190278	1/2 - 1 Mile ESE
7	USGS40000190317	1/2 - 1 Mile West
A8	USGS40000190330	1/2 - 1 Mile West
9	USGS40000190280	1/2 - 1 Mile ESE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

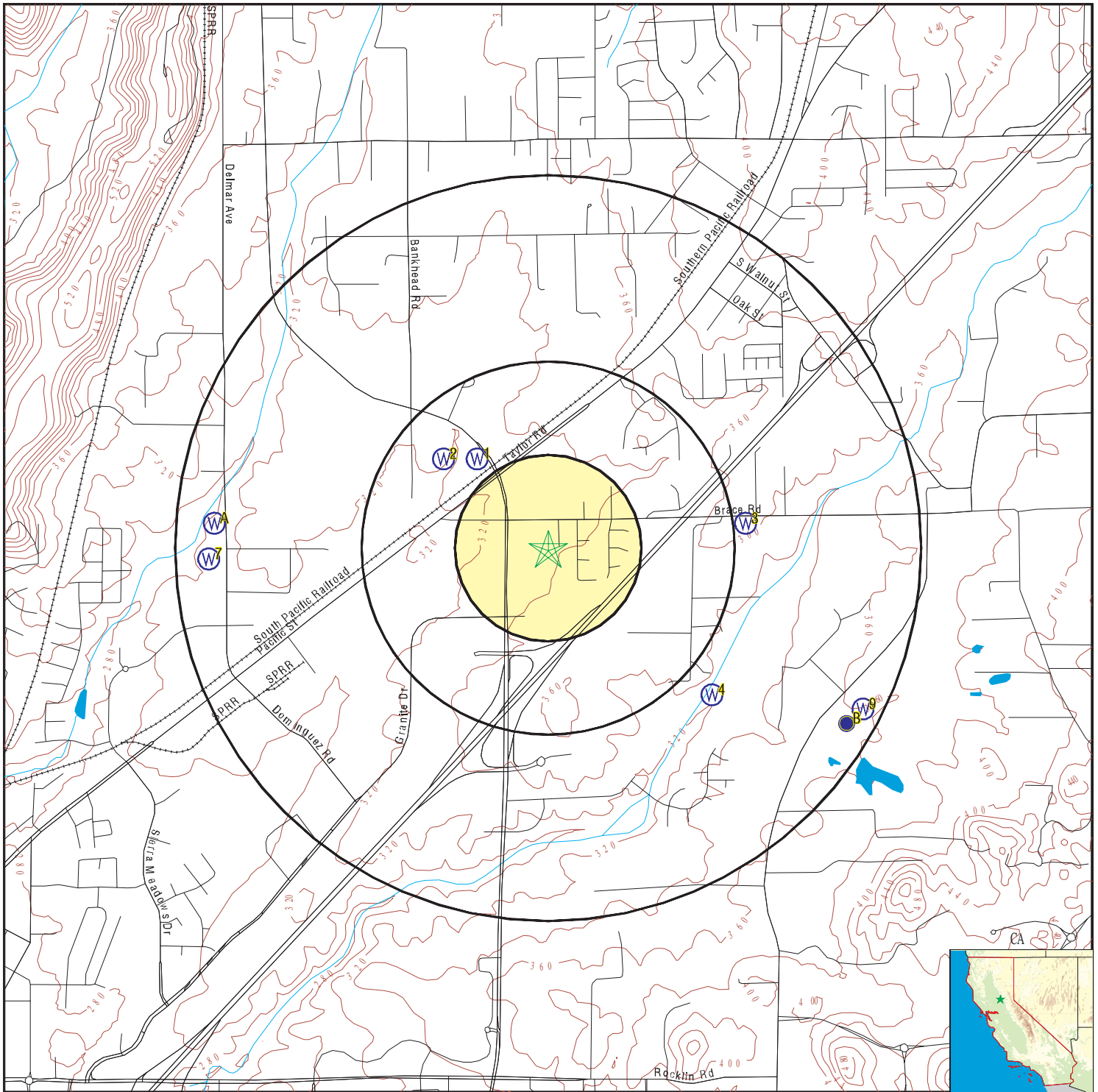
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

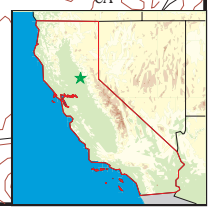
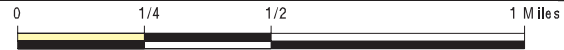
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
B10	10382	1/2 - 1 Mile ESE

PHYSICAL SETTING SOURCE MAP - 4722099.2s



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

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



SITE NAME: SEC Brace Rd and Sierra College Blvd
 ADDRESS: SEC Brace Rd and Sierra College Blvd
 Loomis CA 95650
 LAT/LONG: 38.809213 / 121.203369

CLIENT: Kleinfelder, Inc.
 CONTACT: Karin Hagan
 INQUIRY #: 4722099.2s
 DATE: September 08, 2016 5:03 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
NW
1/4 - 1/2 Mile
Lower **FED USGS** **USGS40000190337**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-384846121122101		
Monloc name:	011N007E09N002M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18020111	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	38.812678
Longitude:	-121.2068933	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	325.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19770209	Welldepth:	172
Welldepth units:	ft	Wellholedepth:	172
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1982-07-15 7.36

Note: The site had been pumped recently.

2
NW
1/4 - 1/2 Mile
Lower **FED USGS** **USGS40000190338**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-384846121122701		
Monloc name:	011N007E09N001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18020111	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	38.812678
Longitude:	-121.20856	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	320.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Basement Complex of Pretertiary Age		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type: Not Reported
 Construction date: 19761102 Welldepth: 75
 Welldepth units: ft Wellholedepth: 75
 Wellholedepth units: ft

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
-----			-----		
1982-07-15	6.44				
Note: The site had been pumped recently.					
1976-11-02	40.00				

**3
East
1/2 - 1 Mile
Higher**

FED USGS USGS40000190328

Org. Identifier: USGS-CA
 Formal name: USGS California Water Science Center
 Monloc Identifier: USGS-384837121113301
 Monloc name: 011N007E16A001M
 Monloc type: Well
 Monloc desc: Not Reported
 Huc code: 18020111 Drainagearea value: Not Reported
 Drainagearea Units: Not Reported Contrib drainagearea: Not Reported
 Contrib drainagearea units: Not Reported Latitude: 38.810178
 Longitude: -121.1935596 Sourcemap scale: 24000
 Horiz Acc measure: 1 Horiz Acc measure units: seconds
 Horiz Collection method: Interpolated from map
 Horiz coord refsys: NAD83 Vert measure val: 380.00
 Vert measure units: feet Vertacc measure val: 10
 Vert accmeasure units: feet
 Vertcollection method: Interpolated from topographic map
 Vert coord refsys: NGVD29 Countrycode: US
 Aquifername: Other aquifers
 Formation type: Basement Complex of Pretertiary Age
 Aquifer type: Not Reported
 Construction date: 19771017 Welldepth: 173
 Welldepth units: ft Wellholedepth: 173
 Wellholedepth units: ft

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
-----			-----		
1982-07-21	14.36		1977-10-17	26.00	

**4
SE
1/2 - 1 Mile
Lower**

FED USGS USGS40000190285

Org. Identifier: USGS-CA
 Formal name: USGS California Water Science Center
 Monloc Identifier: USGS-384813121113901
 Monloc name: 011N007E16H001M
 Monloc type: Well
 Monloc desc: Not Reported
 Huc code: 18020111 Drainagearea value: Not Reported
 Drainagearea Units: Not Reported Contrib drainagearea: Not Reported
 Contrib drainagearea units: Not Reported Latitude: 38.8035115
 Longitude: -121.1952262 Sourcemap scale: 24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	320.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19771220	Welldepth:	148
Welldepth units:	ft	Wellholedepth:	148
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
-----			-----		
1982-07-20	5.45				
	Note: The site had been pumped recently.				
1977-12-20	14.00				

**A5
West
1/2 - 1 Mile
Lower**

FED USGS USGS40000190325

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-384836121130701		
Monloc name:	011N007E17C001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18020111	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	38.8099002
Longitude:	-121.2196715	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	300.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19771118	Welldepth:	175
Welldepth units:	ft	Wellholedepth:	175
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1977-11-18	20.00	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

B6
ESE
1/2 - 1 Mile
Higher

FED USGS USGS40000190278

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-384810121111701		
Monloc name:	011N007E15M002M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18020111	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	38.8026782
Longitude:	-121.1891149	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	355.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19770708	Welldepth:	175
Welldepth units:	ft	Wellholedepth:	175
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

1977-07-08	30.00	

7
West
1/2 - 1 Mile
Lower

FED USGS USGS40000190317

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-384832121130901		
Monloc name:	011N007E17C002M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18020111	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	38.8087891
Longitude:	-121.220227	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	305.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	200
Construction date:	19800328	Wellholedepth:	200
Welldepth units:	ft		
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1980-03-28	30.00	

A8
West
1/2 - 1 Mile
Lower

FED USGS USGS40000190330

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-384838121130901		
Monloc name:	011N007E08P001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18020111	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	38.8104558
Longitude:	-121.220227	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	320.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19780724	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	200
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1982-07-15	5.15	

9
ESE
1/2 - 1 Mile
Higher

FED USGS USGS40000190280

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-384811121111201		
Monloc name:	011N007E15M001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18020111	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	38.802956
Longitude:	-121.187726	Sourcemap scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	359.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19770701	Welldepth:	175
Welldepth units:	ft	Wellholedepth:	175
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1977-07-01	60.00	

**B10
ESE
1/2 - 1 Mile
Higher**

CA WELLS 10382

Water System Information:

Prime Station Code:	11N/07E-15M03 M	User ID:	31C
FRDS Number:	3100062001	County:	Placer
District Number:	61	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	384808.0 1211113.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	C.C. WELL		
System Number:	3100062		
System Name:	INDIAN CREEK COUNTRY CLUB		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95650	17	0

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 Zip Code: 95650

Number of sites tested: 6

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.817 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 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, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

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

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

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

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

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

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

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

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

APPENDIX C
USER PROVIDED AND REGULATORY AGENCY DOCUMENTATION



SIRE CAPTURE SEPARATOR PAGE

VALUE: PAGESEPARATOR

Cabinet to File in	APN (no dashes, 12 characters)	Permit Type	Permit Number	Doc Type
ENV	045042036000	4200 Historical Septic & Well Permits	045042036000	31 ENV - Historical

File Name

ENV;045042036000;4200;045042036000;31

Laura Rath

From: Laura Rath
Sent: Tuesday, July 07, 2009 1:27 PM
To: 'kkerdus@loomis.ca.gov'
Subject: FW: Loomis - APNs 045-042-034,035,036, and 036, Sierra College south of Brace

Kathy,

I have reviewed the APN files for the above parcels and there is no reference of contamination. The only information in our file is an application for a rezone and EIAQ. Let me know if you have any additional questions.

Thanks,
Laura Rath

From: Susan Leland
Sent: Tuesday, July 07, 2009 12:22 PM
To: Laura Rath
Subject: FW: Loomis - APNs 045-042-034,035,036, and 036, Sierra College south of Brace

I have pulled the APN's and put them on your desk for review & comment to the Town of Loomis.
Thanks,
Susan

From: Jill Pahl
Sent: Tuesday, July 07, 2009 10:03 AM
To: Susan Leland
Cc: Leslie Lindbo
Subject: FW: Loomis - APNs 045-042-034,035,036, and 036, Sierra College south of Brace

Susan, can you take a look at the APNs?

*Environmental Health,
Touching Everyone's Life Everyday*

Jill Pahl, R.E.H.S.
Placer County Environmental Health Director
3091 County Center Drive, Suite 180
Auburn, CA 95604
(530) 745-2341

jpahl@placer.ca.gov

From: Virginia Lineberry
Sent: Tuesday, July 07, 2009 9:47 AM
To: 'kkerdus@loomis.ca.gov'
Cc: Jill Pahl; Leslie Lindbo
Subject: FW: Loomis - APNs 045-042-034,035,036, and 036, Sierra College south of Brace

Kathy,

We have reviewed our hazardous materials files and found nothing referring to contamination of the above sites.

7/7/2009

(see below) The land team may have other information to check.

Virginia Lineberry

From: West Bourgault
Sent: Tuesday, July 07, 2009 9:32 AM
To: Virginia Lineberry
Subject: RE: Loomis - APNs 045-042-034,035,036, and 036, Sierra College south of Brace

Virginia-

First, I assumed the last APN referenced is actually 037. I looked in the site mitigation files, the EH AP files downstairs and on Geotracker. I did not find a file for the subject APNs in the site mitigation files or on Geotracker. I found an EH AP file for 045-042-036 and 037 but it appears to be related to a re-zone and not groundwater contamination.

There are 3 former underground storage tank sites located south of the property (7-Eleven, Former Chevron and Former Unocal). Each of these sites were closed by the Central Valley Regional Water Quality Control Board as "low risk" sites.

If the Town of Loomis would like a complete history of the subject parcels, it could have a qualified consultant prepare a Phase I Site Assessment.

Let me know if you have any additional questions.

West

From: Virginia Lineberry
Sent: Tuesday, July 07, 2009 7:24 AM
To: West Bourgault
Subject: FW: Loomis - APNs 045-042-034,035,036, and 036, Sierra College south of Brace

West,

Could you check into this from the haz mat end? Let me know what you find (or don't find)

Thanks!

From: Brian Jones
Sent: Tuesday, July 07, 2009 7:08 AM
To: Virginia Lineberry
Cc: Jill Pahl; Leslie Lindbo; 'Kathy Kerdus'
Subject: FW: Loomis - APNs 045-042-034,035,036, and 036, Sierra College south of Brace

From: Kathy Kerdus [mailto:kkerdus@loomis.ca.gov]
Sent: Monday, July 06, 2009 11:20 AM
To: Brian Jones
Subject: Loomis - APNs 045-042-034,035,036, and 036, Sierra College south of Brace

Hi Brian- Hope all is going well. Since you are the "easy send" for me at Placer County and know the appropriate people to send this on to- would you please send on to the right person regarding a 1990-1991 finding of 3 contaminated aquifers on the above listed properties? Thank you so much!

7/7/2009

I received a call this morning about one of the sites the Town is considering for affordable housing (APNs above). Evidently the person's son worked for an environmental driller in 1990-1991 and the subject site, along with the adjacent McDonalds and Circle K sites were found to have 3 aquifers underneath which were so contaminated, that it was found that it was "not suitable for even cattle to graze on"... Is there some way I can verify this – or respond to the concern? Incidentally, the verified wetlands report for the site shows minimal wetlands. Thank you so much – Kathy Kerdus (916-652-1840), Planning Director, Town of Loomis.

SPEED MEMO

PLACER COUNTY ENVIRONMENTAL HEALTH DIVISION

11484 B Avenue

Auburn, CA 95603

Phone: (916) 823-4361

AP# 45 042 36 ; 37DATE 6-7-89

FILE# _____

SUBJECT # 89-15, Sunrise Marketing, General Plans Amendment, Rezone, EIAQTO: TOWN OF LOOMIS

ATTENTION:

P.O. Box 1327Cathleen Spence - Wells
(Recipient: Write reply, return white to sender, keep the pink copy.)LOOMIS, CA 95650

MESSAGE:

Environmental Health has reviewed the application for a development permit for the above referenced project and has the following comments. South Placer Municipal Utility District has indicated there is a sewer line available for the subject parcels. Placer County Water Agency has indicated there is a treated water main at the intersection of Sierra College Blvd and Bruce Rd. It appears that a pipeline extension agreement between the applicants and PCWA will be required. Environmental Health requests that the Town consider connection to public sewer and treated public water as a condition in the processing of the development application. Environmental

SIGNED D Kuselman 889 7363

REPLY:

Health also requests consideration of the standard hazardous materials and underground tank conditions (please see attached).

SM

Town Of Loomis

P. O. Box 1327
LOOMIS, CA 95650
(916) 652-9204

May 31, 1989

45-042-36437

RECEIVED
PLACER COUNTY

JUN 02 1989

County of Placer
Environmental Health
11484 B Avenue
Auburn, CA 95603

ENVIRONMENTAL HEALTH

Attention: John Miners

SUBJECT: #89-15
SUNRISE MARKETING
GENERAL PLAN AMENDMENT
REZONE
EIAQ

Gentlemen:

The Town of Loomis has received an application for a development permit for the above referenced project. A copy of the application and tentative map are enclosed.

We have tentatively scheduled this item for the **JULY 5, 1989** Planning Commission Public Hearing. We would appreciate hearing from you within 10 working days regarding any concerns your agency may have with the proposed development or any conditions you would wish the Town to consider in its processing for the development application.

Yours truly,

Cathleen Spence-Wells
Planning Director

Enclosures: 4

CSW/bjb

MLT, 6-2-89
Please distribute to
~~other~~ CDT for their
comments.

Also, include standard
Haz mat condition and
standard UGT condition

Thanks

CALL MUD
SEE IF FOR SOME V C DEWITT TRAIL 11 20

TOWN OF LOOMIS
P. O. BOX 1327
LOOMIS, CA 95650
(916)652-9204



Check One

General Plan Amendment Application

Rezoning Application

(Combined General Plan Amendments and Zoning Amendments can be processed concurrently and are charged a combined, reduced application fee.)

Required Maps 25

Required Applications 1

Filing Fee \$~~2000~~⁰⁰ (see current fee schedule) + \$ 430.00 FOR E.I.A.Q.

1. Property Owner PHILLIP L. WARD, BRUCE D. CAMERON AND DENISE L. CAMERON AND DONALD JURGENSON
Telephone 916-988-7878
Address 9256 MADISON AVENUE, ORANGEVALE, CA., 95662
2. Applicant/Agent FRONTIER LAND DEVELOPMENT CO.
Telephone 916 652-0475
Address 5900 KING RD. LOOMIS, CA., 95650
3. Existing General Plan designation RESIDENTIAL-HIGH DENSITY AND COMMERCIAL
4. Proposed General Plan designation COMMERCIAL.
5. Existing Zoning R-2-A-DL-B
6. Proposed Zoning COMMERCIAL
7. Assessor's Parcels Nos. 45-042-36 & 37
8. Size of Property (acreage or square feet) 6.73 AC.
9. Describe project location in detail and ATTACH VICINITY MAP -
SIERRA COLLEGE BLVD. 1/4 WEST OF I-80

10. Description of Request TO CHANGE THE EXISTING ZONING OF
RESIDENTIAL-HIGH DENSITY TO COMMERCIAL.
11. State basis and/or reasons for request (see attached filing instructions) THE CHANGE IN ZONING WOULD BE MORE CONDUSIVE
TO THAT OF THE SURROUNDING PROPERTIES TO THE SOUTH AND
WEST
12. Please submit twenty-five (25) copies of a General Plan Amendment Exhibit or twenty-five (25) copies of a Zoning Amendment Exhibit or both, if appropriate for the requested action. The Exhibits should clearly show the present and Proposed General Plan Category or Zoning District Boundaries with the appropriate designations labeled for the subject and all surrounding properties. (See attached filing instructions). Please submit one reduced 8½" x 11" transparency of the exhibit(s).
13. For Commercial or Industrial Zoning Amendments, please submit a detailed plot plan. (See attached filing instructions).
14. Please submit a Property Owners' list and a 300 foot radius map. (See attached filing instructions).
15. Please submit a copy of the latest Deed(s) for the property from the official records of the County. The person holding the Deed must sign the application, (or submit a letter authorizing his Agent to do so).


SIGNATURE OF APPLICANT

Town Of Loomis

P. O. Box 1327
LOOMIS, CA 95650
(916) 652-9204



ENVIRONMENTAL REVIEW APPLICATION

Applicant to submit 10 copies of application with other requested permits.

ENVIRONMENTAL REVIEW APPLICATION

Date Filed 4-3-89

General Information

1. Name and address of developer or project sponsor: SUNRISE MARKETING GROUP, 9256 MADISON AVE., ORANGEVALE CA. 95662
2. Address of project: SIERRA COLLEGE BLVD. LOOMIS
Assessor's Block and Lot Number: 45-042-36 E 37
3. Name, address, and telephone number of person to be contacted concerning this project: BILL ROSS, FRONTIER LAND DEVELOPMENT CO
5900 KING RD. LOOMIS, CA 95650 (916) 652-0475
4. Indicate number of the permit application for the project to which this form pertains: N/A
5. List and describe any other related permits and other public approvals required for this project, including those required by city, regional, state and federal agencies: GENERAL PLAN AND REZONING AMENDMENT
6. Existing zoning district: R-2-A-DL-8
7. Proposed use of site (Project for which this form is filed): COMMERCIAL/ BUSINESS PROFESSIONAL OFFICES

Project Description

8. Site size. 6.8 ACRES ±
9. Square footage. 296,000 sq ft ±
10. Number of floors of construction. N/A
11. Amount of off-street parking provided. N/A
12. Attach plans. N/A
13. Proposed scheduling. N/A
14. Associated project. NONE
15. Anticipated incremental development. NONE
16. If residential, include the number of units, schedule of unit sizes, range of sale prices or rents, and type of household size expected. N/A

17. If commercial, indicate the type, whether neighborhood or regionally oriented, square footage of sales area, and loading facilities. N/A
18. If industrial, indicate type, estimated employment per shift, and loading facilities. N/A
19. If institutional, indicate the major function, estimated employment per shift, estimated occupancy, loading facilities, and community benefits to be derived from the project. N/A
20. If the project involves a variance, conditional use or rezoning application, state this and indicate clearly why the application is required.

Are the following items applicable to the project or its effects? Discuss below all items checked yes (attach additional sheets as necessary).

	Yes	No
21. Change in existing features of any bays, tidelands, beaches, or hills, or substantial alteration of ground contours.	—	✓
22. Change in scenic views or vistas from existing residential areas or public lands or roads.	—	✓
23. Change in pattern, scale or character of general area of project.	—	✓
24. Significant amounts of solid waste or litter.	—	✓
25. Change in dust, ash, smoke, fumes or odors in vicinity.	—	✓
26. Change in ocean, bay, lake, stream or ground water quality or quantity, or alteration of existing drainage patterns. SOME DRAINAGE PATTERNS MAY REQUIRE RELOCATION AND CHANNELIZATION	✓	—
27. Substantial change in existing noise or vibration levels in the vicinity.	—	✓
28. Site on filled land or on slope of 10 percent or more.	—	✓
29. Use of disposal of potentially hazardous materials, such as toxic substances, flammables or explosives.	—	✓
30. Substantial change in demand for municipal services (police, fire, water, sewage, etc.).	—	✓
31. Substantially increase fossil fuel consumption (electricity, oil, natural gas, etc.).	—	✓
32. Relationship to a larger project or series of projects.	—	✓

Environmental Setting

33. Describe the project site as it exists before the project, including information on topography, soil stability, plants and animals, and any cultural, historical or scenic aspects. Describe any existing structures on the

site, and the use of the structures.

THE PROJECT IS CURRENTLY ON VACANT LAND WITH NO BUILDINGS. THE PROJECT SLOPES WESTWARD @ 2% SLOPE ON DECOMPOSED GRANITE SOIL. THE VEGETATION CONSISTS OF GRASSES, OAKS, COTTONWOOD & RIPARIAN PLANTS

34. Describe the surrounding properties, including information on plants and animals and any cultural, historical or scenic aspects. Indicate the type of land use (residential, commercial, etc.), intensity of land use (one-family, apartment houses, shops, department stores, etc.), and scale of development (height, frontage, set-back, rear yard, etc.). TO THE EAST EXISTS A 39 LOT RESIDENTIAL SUBDIVISION. TO THE SOUTH EXISTS VACANT COMMERCIAL LAND WITH A GAS STATION. TO THE WEST EXISTS VACANT COMMERCIAL LAND AND A MEDICAL SUPPLY BLDG. TO THE NORTH EXISTS VACANT RESIDENTIAL LAND (R2-A-DLB) AND APARTMENTS. THERE ARE NO ENDANGERED PLANTS OR ANIMALS KNOWN TO THIS AREA. THE ANIMALS FOUND ARE SQUIRRELS, POSSUM, RACCON, Gopher, various bird species, mice and rats

Certification

I hereby certify that the statements furnished above and in the attached exhibits present the data and information required for this initial evaluation to the best of my ability, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.

4/19/89
Date

William J. Ross
Signature

For PHIL WARD, BRUCE CAMERON & DONALD JORGENSEN
their AGENT



SIRE CAPTURE SEPARATOR PAGE

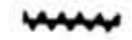
VALUE: PAGESEPARATOR

Cabinet to File in	APN (no dashes, 12 characters)	Permit Type	Permit Number	Doc Type
ENV	045042036000	4200 Historical Septic & Well Permits	045042036000	25 ENV - Plans and Maps


File Name


ENV;045042036000;4200;045042036000;25

GENERAL PLAN LEGEND

 LOOMIS ZONING
CHANGE LINE

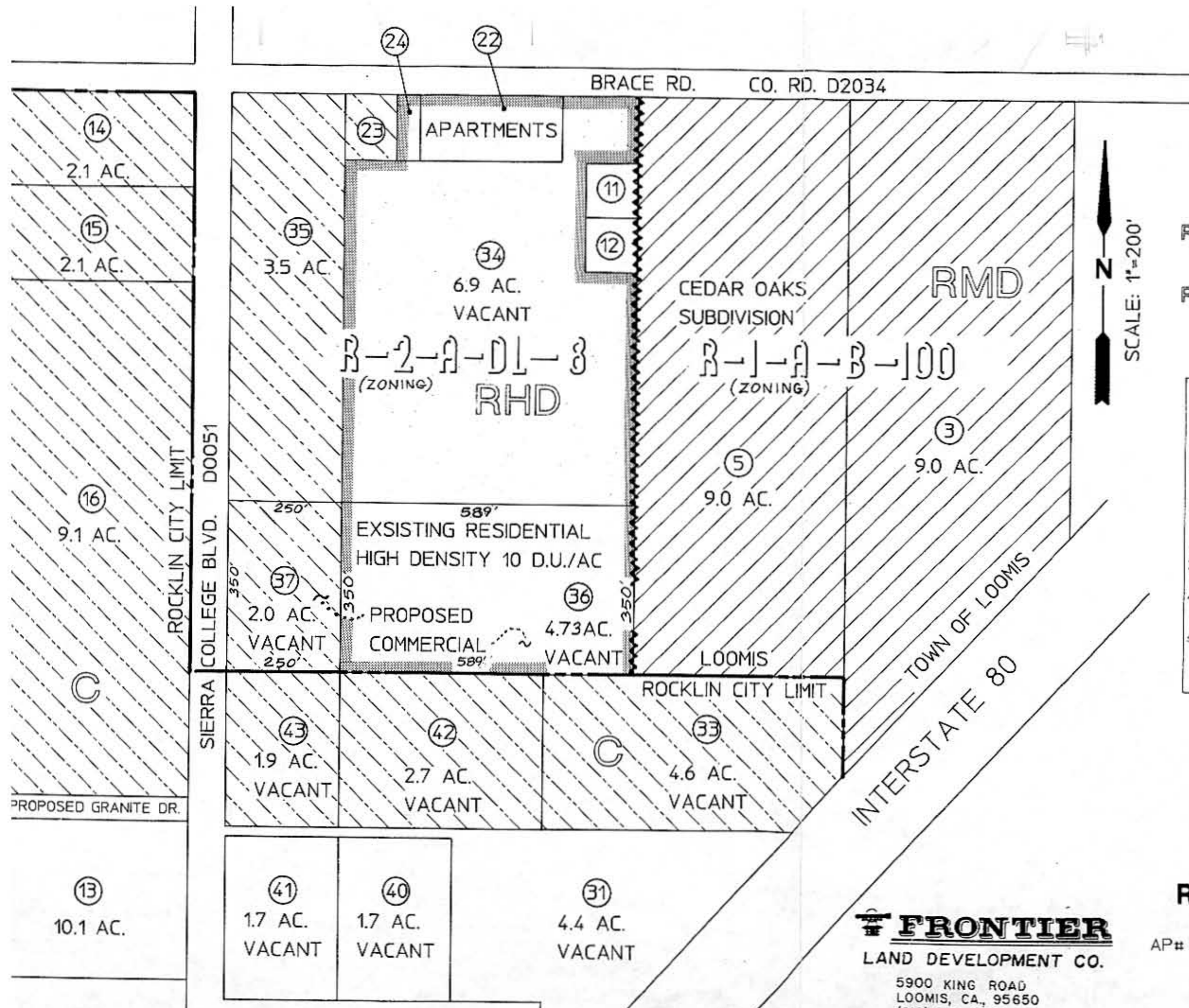
C  EXISTING COMMERCIAL

RHD  RESIDENTIAL HIGH
DENSITY 10 D.U./AC

RMD  RESIDENTIAL MEDIUM
DENSITY 4 D.U./AC.



SCALE: 1"=200'



PROPOSED

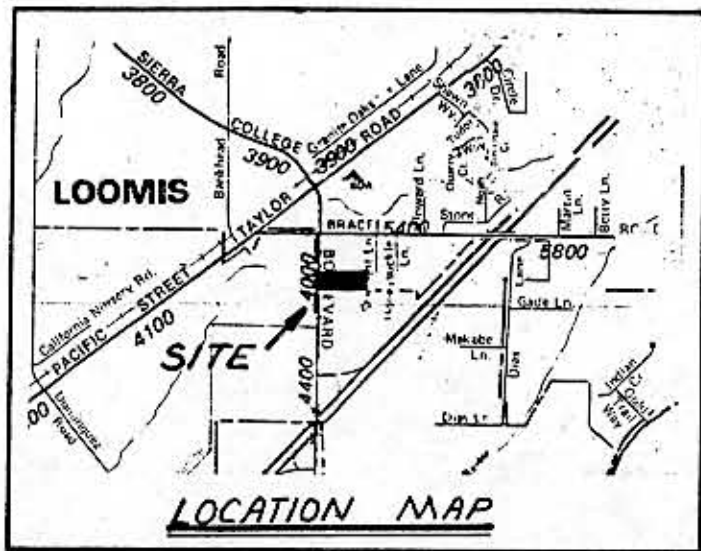
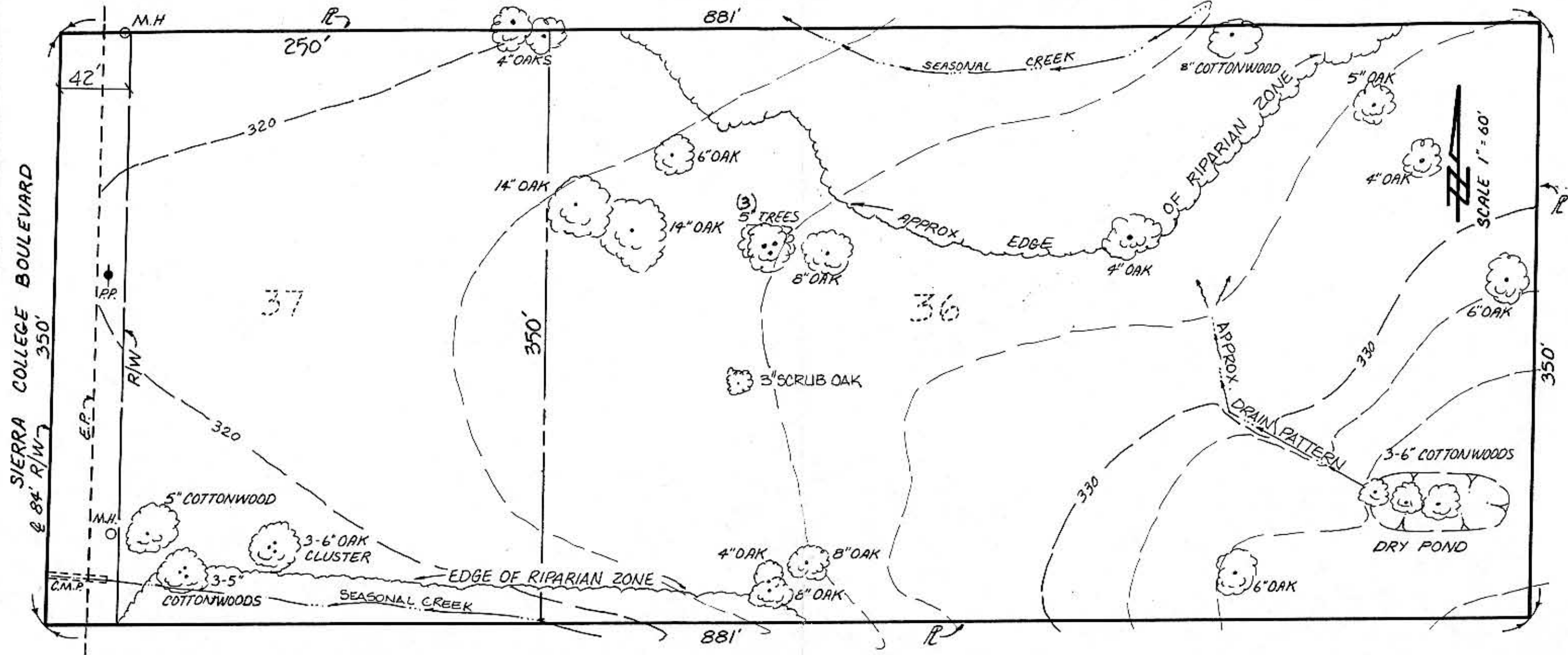
GENERAL PLAN AND REZONING EXHIBIT



FRONTIER
LAND DEVELOPMENT CO.

5900 KING ROAD
LOOMIS, CA., 95650
(916) 652-0475

AP# 45-042-36/37 TOWN OF LOOMIS



SITE PLAN
 FOR
 AP# 45-042-36 & 37
 APRIL 1989 TOWN OF LOOMIS



FRONTIER

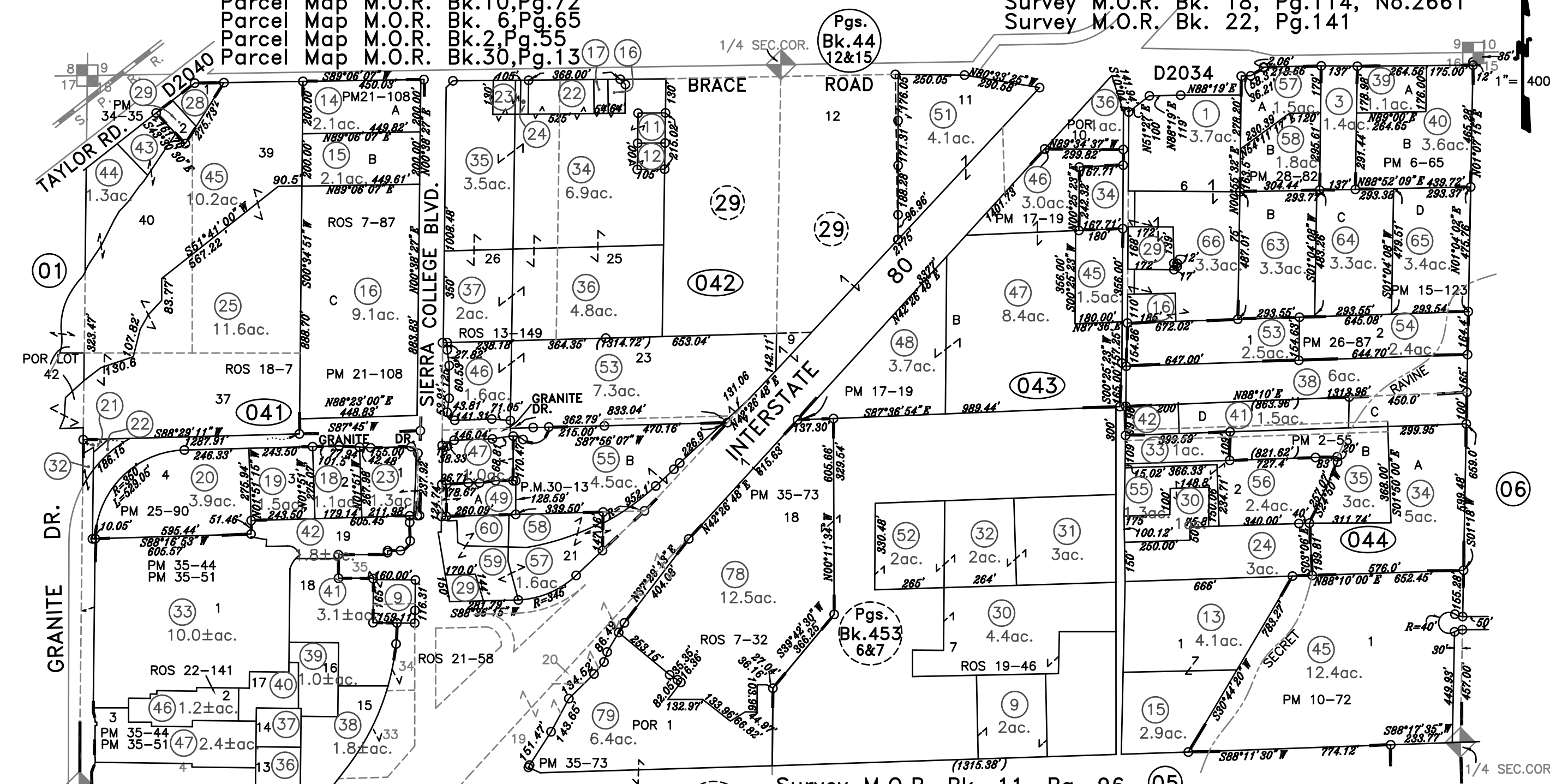
LAND DEVELOPMENT CO.

5900 KING ROAD
 LOOMIS, CA, 95650
 (916) 652-0475

N. 1/2 SEC. 16, T.11N., R.7E., M.D.B.& M.

45-04

Parcel Map M.O.R. Bk.13, Pg.150 Himes Tract M.O.R. Bk.A, Pg.30 Survey M.O.R. Bk. 18, Pg.7
 Parcel Map M.O.R. Bk.10, Pg.72 Survey M.O.R. Bk. 18, Pg.114, No.2661
 Parcel Map M.O.R. Bk. 6, Pg.65 Survey M.O.R. Bk. 22, Pg.141
 Parcel Map M.O.R. Bk.2, Pg.55
 Parcel Map M.O.R. Bk.30, Pg.13



08-16-2013
 02-25-2010
 02-24-2010
 08-19-2009
 08-17-2009
 02-07-2008
 02-06-2008
 01-11-2008
 11-26-2007
 10-15-2007
 01-03-2007
 08-28-2006
 04-15-2003
 02-14-2001
 05-17-2000
 03-09-99 SKS
 Page Redrawn Per Basemap Information.

Parcel Map M.O.R. Bk. 28, Pg. 82
 Parcel Map M.O.R. Bk. 25, Pg. 90
 Parcel Map M.O.R. Bk. 21, Pg. 108
 Parcel Map M.O.R. Bk.17, Pg. 19
 Parcel Map M.O.R. Bk.15, Pg. 123
 Survey M.O.R. Bk. 13, Pg. 149
 Survey M.O.R. Bk. 19, Pg. 46 #2622
 Survey M.O.R. Bk. 21, Pg. 58, #3100

NOTE
 All distances on curved lines are chord measurements.

Pgs. Bk.453 3-6
 Survey M.O.R. Bk. 11, Pg. 96
 Survey M.O.R. Bk. 9, Pg.141
 Survey M.O.R. Bk.7, Pgs.28,32&87
 Survey M.O.R. Bk. 6, Pg. 05
 Survey M.O.R. Bk. 6, Pg. 143
 Parcel M.O.R. Bk.34, Pg.35, No.0617
 Parcel M.O.R. Bk.35, Pg.44, DL-2006-07
 Parcel M.O.R. Bk.35, Pg.51, DL-2006-07 (Amended)
 Parcel M.O.R. Bk.35, Pg.73, DL-2005-06

Assessor's Map Bk.45 Pg.04
 County of Placer, Calif.

NOTE
 This map was prepared for assessment purposes only, and is not intended to illustrate legal building sites or establish precedence over local ordinances. Official information concerning size or use of any parcel should be obtained from recorded documents and local governing agencies.
 NOTE
 Assessor's Block Numbers Shown in Ellipses.
 Assessor's Parcel Numbers Shown in Circles.

SEC Brace Rd and Sierra College Blvd

SEC Brace Rd and Sierra College Blvd
Loomis, CA 95650

Inquiry Number: 4722099.6
September 08, 2016

The EDR Property Tax Map Report

EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

NO COVERAGE

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

Disclaimer - Copyright and Trademark Notice

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

Copyright 2016 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Karin Hagan

From: Karin Hagan
Sent: Thursday, September 08, 2016 12:46 PM
To: 'rgannon@loomis.ca.gov'
Subject: File review request

Good afternoon Rhonda,

I'm working on an environmental assessment for a property in Loomis, and as part of that assessment I need to review any records regarding permits or improvements (buildings, tanks, pipelines, septic systems, etc.) on the property.

Do you/the Town keep such files, and what is the best way for me to obtain copies or review them in person?

The property in question is located on the southeastern corner of Brace Road and Sierra College Boulevard, and includes the following APNs:

045-042-034-000

045-042-035-000

045-042-036-000

045-042-037-000

Thank you,
Karin

Karin Hagan, GISP, CEM (NV)
GIS and Environmental Professional
NEW NUMBER
d| 703-509-5941





**Request for Records under the California Public Records Act
(Section 6250, et. sec. of the California Government Code)**

While the California Public Records Act (PRA) does not require that a request to review files or to obtain copies of public documents be submitted in writing, the completion of this form will allow staff to perform the required research and provide you with the most complete and accurate documentation possible. We are asking for your name and contact information only to facilitate communication necessary to perform our research and notify you when this research is complete. **Please complete (1) form for each parcel and/or project.**

Property Address: _____

Assessor's Parcel Number: _____

Requestor Name: _____ Phone: _____

Email Address: _____

The following records are requested:

BUILDING SERVICES DIVISION:

- Permits
- Permit Numbers (if known): _____
- Inspection Records
- Plans

The release of copies of plans prepared and stamped by a registered professional (California Registered Engineer, California Registered Architect) requires a release from the registered professional. Furthermore, these plans may only be released after a declaration is completed confirming the plans will be used solely for maintenance and repair under California Health & Safety Code 19850-19853

Other: _____

PLANNING SERVICES DIVISION:

- Land Use Entitlements (Use Permits, Minor Land Divisions, Subdivisions, Variances, Etc.)
- Project/File Numbers (if known): _____
- Other: _____

ENGINEERING AND SURVEYING DIVISION:

- Permits
- Permit/Project Number (if known): _____
- Improvement Plans

The release of copies of plans prepared and stamped by a registered professional (California Registered Engineer, California Registered Architect) requires a release from the registered professional. Furthermore, these plans may only be released after a declaration is completed confirming the plans will be used solely for maintenance and repair under California Health & Safety Code 19850-19853

Other: _____

NOTE: The Community Development Resource Agency (CDRA) is comprised of the Building Services Division, Planning Services Division and the Engineering & Surveying Division. The Placer County Health & Human Services Department/Environmental Health Division and the Placer County Department of Public Works may also contribute information to permit and project files processed by CDRA and there may be records contained in our files; however for complete information from these Departments, a separate records request should be made directly to those Departments.



FOR DEPARTMENT USE ONLY (ACCELA UPDATES REQUIRED)

PROCESSING

- ACCELA RECORD INITIATED
 - FILES GATHERED
 - PROCESSED BY: _____
 - FILES PULLED
 - FILES REVIEWED FOR REDACTED INFORMATION: _____
-

COMPLETION

- REQUESTOR NOTIFIED
- FILES REVIEWED
- COPIES PROVIDED

GEOTRACKER

[-] Sites and Facilities

[-] Cleanup Sites

- LUST Cleanup Sites
- Cleanup Program Sites
- Military Cleanup Sites
- ▲ DTSC Cleanup Sites

[+] Permitted Facilities

[-] Other Sites

- Project Sites
- Non-Case Information Sites
- Sampling Points - Public
- Field Points

SIGNIFIES A CLOSED SITE

[+] Tools

[+] Map Coverages

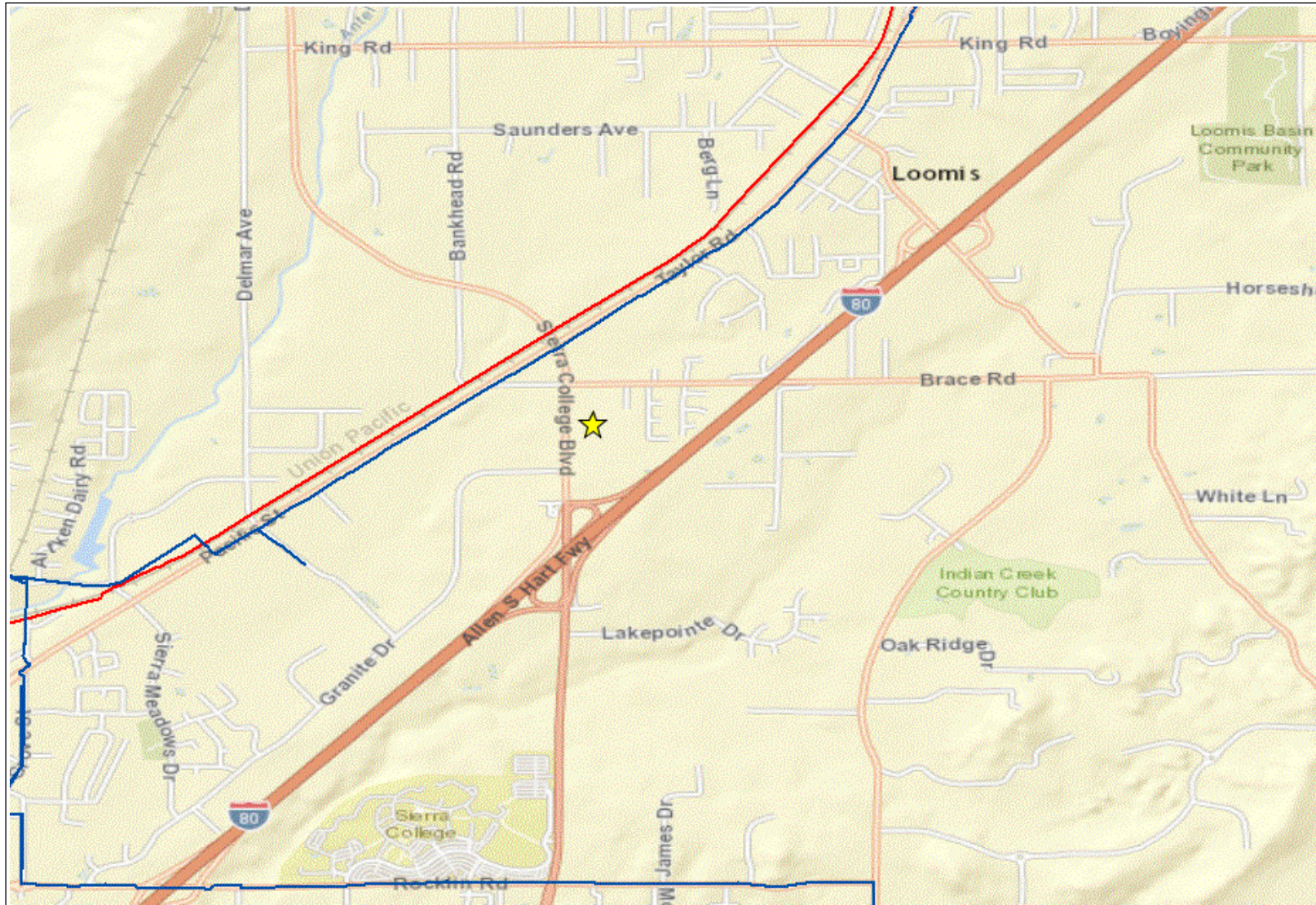
[TAKE A TOUR OF MAP FEATURES](#)

loomis ca
Map Address

[+] SITES CURRENTLY VISIBLE ON MAP

Map data ©2016 Google

NATIONAL PIPELINE MAPPING SYSTEM



Legend

- Gas Transmission Pipelines
- Hazardous Liquid Pipelines

0 0.2 Miles

Pipelines depicted on this map represent gas transmission and hazardous liquid lines only. Gas gathering and gas distribution systems are not represented.

This map should never be used as a substitute for contacting a one-call center prior to excavation activities. Please call 811 before any digging occurs.

Questions regarding this map or its contents can be directed to npms-nr@mbakercorp.com.

Projection: Geographic

Datum: NAD83

Map produced by the NPMS Public Viewer at www.npms.phmsa.dot.gov

Date Printed: Sep 08, 2016





INTRODUCTION

In order to qualify for one of the *Landowner Liability Protections (LLPs)*¹ offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*")², the *user* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The *user* should provide the following information to the *environmental professional*. Failure to conduct these inquiries could result in a determination that "*all appropriate inquiries*" is not complete.

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

Did a search of *recorded land title records* (or judicial records where appropriate, see *Note 1* below) identify any environmental liens filed or recorded against the *property* under federal, tribal, state or local law?

HAVE NOT PERFORMED SEARCH

Note 1—In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

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

Did a search of *recorded land title records* (or judicial records where appropriate, see *Note 1* above) identify any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the *property* and/or have been filed or recorded against the *property* under federal, tribal, state or local law?

HAVE NOT PERFORMED SEARCH

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

Do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an *adjoining property* so that you would have specialized knowledge of the chemicals and processes used by this type of business?

No

¹ *Landowner Liability Protections*, or *LLPs*, is the term used to describe the three types of potential defenses to Superfund liability in EPA's *Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Property Owner, or Innocent Landowner Limitations on CERCLA Liability* ("*Common Elements*" Guide) issued on March 6, 2003.

² P.L. 107-118.



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

Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*?

Do not know

(5.) Commonly known or *reasonably ascertainable* information about the *property* (40 CFR 312.30).

Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases?

No

For example,

(a.) Do you know the past uses of the *property*?

No

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

No

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

No

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

No

(6.) The degree of obviousness of the presence or likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

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

No



ASTM E1527-13
Phase I Environmental Site Assessment
User Questionnaire

In addition, certain information should be collected, if available, and provided to the *environmental professional* conducting the *Phase I Environmental Site Assessment*. This information is intended to assist the *environmental professional*, but is not necessarily required to qualify for one of the *LLPs*. The information includes:

- (a) the reason why the Phase I is being performed, *PERFORMANCE OF DUE DILIGENCE*
- (b) the type of *property* and type of *property* transaction, for example, sale, purchase, exchange, etc., *OPLES*
- (c) the complete and correct address for the *property* (a map or other documentation showing *property* location and boundaries is helpful), *SEC SIERRA COLLEGE BLDG #3 PLACE RD*
- (d) the scope of services desired for the Phase I ESA (including whether any parties to the *property* transaction may have a required standard scope of services or whether any considerations beyond the requirements of Practice E1527 are to be considered), *STANDARD*
- (e) identification of all parties who will rely on the Phase I report, *YES*
- (f) identification of the site contact and how the contact can be reached, *YES*
- (g) any special terms and conditions which must be agreed upon by the *environmental professional*, and *NO*
- (h) any other knowledge or experience with the *property* that may be pertinent to the *environmental professional* (for example, copies of any available prior *environmental site assessment reports*, documents, correspondence, etc., concerning the *property* and its environmental condition).

The *USER QUESTIONNAIRE* was completed by:

Name *T. Linder Orum*
 Title *DIR. REAL ESTATE DEPT.*
 Firm *COSTCO WHOLESALE*
 Address *9 CORO DR*
STE 230, RIVERS CA
 Phone Number (office) *714/978-5023*
 (cell) _____

User represents that to the best of the *user's* knowledge the above statements and facts are true and correct, and, to the best of the *user's* knowledge, no material facts have been suppressed or misstated.

[Signature]
User's Signature

12/03/16
Date

PHASE I
ENVIRONMENTAL SITE ASSESSMENT
LOOMIS PROPERTY
SIERRA COLLEGE BOULEVARD AND BRACE ROAD
PLACER COUNTY, CALIFORNIA

PREPARED BY:

SOIL SEARCH ENGINEERING
4088 BRIDGE STREET #9
FAIR OAKS, CALIFORNIA 95628
(916) 966-3902

February 25, 2005
Job Number 512E

Job Number 512E
February 25, 2005

TABLE OF CONTENTS

<u>PHASE I SITE ASSESSMENT</u>	<u>Page</u>
INTRODUCTION	1
SCOPE OF WORK	1
SITE DESCRIPTION	2
REVIEW OF FEDERAL AND STATE REGULATORY AGENCY DATABASE	3
Target Property Information	3
Database With No Mapped Site	3
Surrounding Sites; Search Results	5
REVIEW OF COUNTY AND LOCAL REGULATORY AGENCY DATABASE	6
Placer County Environmental Management Department	6
Placer County Planning Department	6
Placer County Agricultural Commissioner's Office	7
Sacramento Metropolitan Air Quality Management District	7
REVIEW OF PROPERTY - PAST OWNERSHIP AND USE	7
AERIAL PHOTOGRAPH REVIEW	8
GEOLOGIC AND HYDRO GEOLOGIC FEATURES	8
SITE OBSERVATION.	9
SUMMARY	10
CONCLUSIONS AND RECOMMENDATIONS	10
LIMITATIONS	11

Job Number 512E
February 25, 2005

TABLE OF CONTENTS (CONTINUED)

PHASE I SITE ASSESSMENT

APPENDIX A

VICINITY MAP
PARCEL MAP
PHOTOGRAPHS
AERIAL PHOTOGRAPH

APPENDIX B

ENVIRONMENTAL RISK MANAGEMENT
EXECUTIVE SUMMARY
OVERVIEW MAP
DETAIL MAP
MAP FINDINGS SUMMARY
PHYSICAL SETTING SOURCE ADDENDUM
PHYSICAL SETTING SOURCE SUMMARY
PHYSICAL SETTING SOURCE MAP
PHYSICAL SETTING SOURCE RECORD SEARCHED

APPENDIX C

ADDITIONAL SERVICES

**PHASE I
ENVIRONMENTAL SITE ASSESSMENT**

**LOOMIS PROPERTY
SIERRA COLLEGE BOULEVARD AND BRACE ROAD
PLACER COUNTY, CALIFORNIA**

INTRODUCTION

This report presents our findings from phase I environmental site assessment for the above subject property located at the south east corner of Sierra College Boulevard and Brace Road, Loomis, Placer County, California.

The primary objective of the Phase I Site Assessment, was to evaluate the property for evidence of potential soil and ground water contamination resulting from former site activities according to the following scope of work.

SCOPE OF WORK

The scope of work performed to develop the information contained in this phase I environmental site assessment, was defined pursuant to the American Society of Testing and Materials (ASTM) Standard E 1527-00, Standard Practice for Environmental Site Assessments. This Report presents all work performed by SSE to date with regard to this project. The scope of work includes the following:

A site reconnaissance of the property and surrounding areas to observe general area features and identify potential indications of usage, storage, handling and disposal of hazardous materials. This included a walk-through inspection of the subject property, and a drive-by survey of nearby properties. Personal and telephone interviews with representatives of various regulatory agencies as well as persons familiar with the site history.

A review of Federal, State, County and Local regulatory agencies' records concerning the site and contamination cases in the area to identify potential environmental hazards of the subject property, and off-site properties that might affect the subject property.

A review of the history of site usage to identify potential sources of hazardous materials on the subject property by obtaining and/or reviewing selected aerial photographs and/or other pertinent sources of information covering the property.

The principal findings are outlined throughout the body of this text and are summarized in the summary section of this report. In preparing this report, SSE has engaged the services of Environmental Data Resources, Inc., EDR, of Milford, Connecticut. The report, provided by EDR, is a radius search of government records which conforms to the ASTM standard for Phase I preliminary site assessments. Subsurface exploration or chemical screening of soil and groundwater beneath the site, is not within the scope of work in this study.

SITE DESCRIPTION

The site is irregular in shape and the general topography of the area is relatively flat terrain. At the time of our site observation, the site was covered with moderate growth of grass, weeds and a number of native trees. There were two residential structures, appeared to be occupied, at the approximate corner of Brace Road and Starlite Lane, north east part of the site. It is our understanding that the proposed project consists of a new subdivision for construction of one/two story wood frame single family residential structures and related improvements.

The property is approximately 18 acres in size, located at the south east corner of Sierra College Boulevard and Brace Road, Loomis, Placer County, California, as shown on Vicinity Map, Plate Number 1, Appendix A. The parcel map for the area, presented on Plates Number 2, shows the subject property and the neighboring sites. The property has Assessor's Parcel Numbers (APN) 045-042-011, 012, 023, 034, 035, 036 & 037.

Surrounding sites are vacant lots/residential structures on north and east and commercial structures/vacant lots, on south and west. The photographs of the area around the subject property are presented on Plates Number 3 through 6, Appendix A. We understand that the proposed development will consist of a new subdivision for construction of one/two story wood frame single family residential structures and related improvements.

REVIEW OF FEDERAL AND STATE REGULATORY AGENCY DATABASE SEARCHES

A search of available environmental records was conducted by Environmental Data Resources, Inc., EDR. The report meets the government records search requirements of ASTM Environmental Data Resources, Inc., EDR. The report, provided by EDR, meets the government records requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00 Search distances are per ASTM standard. Selected section of the report is presented in Appendix "B". The complete report will be kept on file and may be reviewed upon request. The report out-line is presented next.

Target Property Information

Address and Coordinates

USGS Topographic Map

Target property search results

Database 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

National Priority List

Proposed National Priority List Sites

Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS No Further Remedial Action Planned, CERCLIS-NFRAP

Corrective Action Report

Resource Conservation and Recovery Act Information, RCRA-TSDF

Resource Conservation and Recovery Act Information, RCRA-LQG

Resource Conservation and Recovery Act Information, RCRA-SQG

Emergency Response Notification System

State ASTM Standard

Annual Workplan Sites

California Hazardous Material Incident Report System

Proposition 65 Records

Toxic Pits Cleanup Act Sites
Solid Waste Information System, SWF/LF
Waste Management Unit Database
Voluntary Cleanup Program Properties
Leaking Underground Storage Tanks on Indian Land
Underground Storage Tanks on Indian Land
Facility Inventory database

Federal ASTM Supplemental

Superfund (CERCLA) Consent Decrees
Records of Decision
National Priority List Deletions
Facility Index System/Facility Identification Initiative Program Summary Report
Hazardous Materials Information Reporting System
Material Licensing Tracking System
Mines Master Index File
Federal Superfund Liens
PCB Activity Database System
Uranium Mill Tailings Sites
Department of Defense Sites
Indian Reservations
Open Dump Inventory
Formerly Used Defense Sites
RCRA Administrative Action Tracking System
Toxic Chemical Release Inventory System
Toxic Substances Control Act
Section 7 Tracking Systems
FIFRA/TSCA Tracking System

State or Local ASTM Supplemental

Aboveground Petroleum Storage Tank Facilities
Cleaner facilities
Waste Discharge System
Site Mitigation and Brownfields Reuse Program Facility Sites with
Deed Restrictions Listing
School Property Evaluation Program

Unconfirmed Properties Referred to Another Agency
Emissions Inventory Data
No Further Action Determination
Properties Needing Further Evaluation
Statewide SLIC Cases
Facility and Manifest Data
Master List of Facilities

EDR Proprietary Historical Databases
Former Manufactured Gas (Coal Gas) Sites

Brownfields Databases
A listing of Brownfields Sites
Voluntary Cleanups Program Properties

Surrounding Sites: Search Results

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

State ASTM Standard

CAL-SITES
CORTESE
LUST
BEP
UST
HIST UST

Summary of the results, Overview Map, Detail Map, Map finding Summary, Orphan Summary, Physical Setting Source Addendum, Physical Setting Source Summary, Physical Setting Source Map and Physical Setting Source Records Searched are presented in Appendix "B". Additional information will be presented upon request.

REVIEW OF COUNTY AND LOCAL REGULATORY AGENCY DATABASE SEARCHES

Placer County Environmental Management Department

Inquiries were made with the Placer County Environmental Management Department, General Information-Public File Review-Enforcement-site, Assessment & Mitigation, in an attempt to determine if there are any files present at that agency which indicate that the subject property is on the County Toxic, Hazardous Materials and/or Complaint and Incident Response Log list. According to our conversation with the office of Brenda Noxon on February 28, March 1 and 2, 2005, the subject property, located at Sierra College Boulevard and Brace Road, Loomis, Placer County, California, does not appear on the Placer County Toxic, Hazardous Material, and/or Complaint and Incident Response Log lists.

Fire Department

Inquiries were made with the Fire Department at Roseville, General Information-Public File Review-Enforcement-site, in an attempt to determine if there are any files present at that agency which indicate that the subject property is on the city, Hazardous Materials and/or Complaint and Incident Response Log list. According to our conversation with Steve Anderson on February 28, 2005, the subject property does not appear on the Roseville Hazardous Material, and/or Complaint and Incident Response Log lists.

Placer County, Public Works Agency

The property is approximately 18 acres in size, located at the south east corner of Sierra College Boulevard and Brace Road, Loomis, Placer County, California. The parcel map for the area, presented on Plates Number 2, shows the subject property and the neighboring sites. The property has Assessor's Parcel Numbers APN 045-042-011, 012, 023, 034, 035, 036 & 037. We understand that the proposed development will consist of a new subdivision for construction of one/two story wood frame single family residential structures and related improvements. Inquiries should be made with the Placer County, Public Works Agency, Planning Department by the project civil engineer for other related information.

Placer County Agricultural Commissioner's Office

Inquiries were made with the Placer County Agricultural Commissioner's Office in an effort to determine whether the subject property had been used in the past for agricultural purposes, and whether agricultural chemicals had been used on the subject property. According to our phone conversation on February 28, 2005, with Josh Huntsinger at the Agricultural Commissioner's Office, there is no records of the agricultural history on the subject property or of agricultural chemical use on the subject property at this time. We were also informed that this office normally keeps the records for two years only.

Air Pollution Control District

The Sacramento Metropolitan Air Quality Management District was contacted by telephone, in an effort to determine whether the air in the study area is in attainment status according to State and Federal standards, and to determine whether any Air Standards Violations have been issued to the subject property or to sites within a one-half (1/2) mile radius of the subject property. According to our conversation with the office of Air Quality Management District, on February 28, 2004, the information will be released upon written request. Additional information will be presented as an addendum, upon request.

REVIEW OF PROPERTY - PAST OWNERSHIP AND USE

Our office had conversations with Tina Davis, escrow title officer of Fidelity National Title Company of Redwood City, Dennis Wagstaffe of Wagstaffe & Wagstaff, Redwood City, owner representative, and Dunmore Communities of Roseville, California, in order to attempt to determine past history of the ownership and use of the above subject property. A preliminary title report of the above subject project, dated January 12, 2005, was prepared by Fidelity National Title Company.

Donald B. Tanklage and Carole F. Tanklage Foundation, a nonprofit public benefit corporation is the present owner of the property. It is our understanding that Donald and Carole Tanklage own the property for more than 25 yeas and Dunmore is in agreement to buy the property. The property is approximately 18 acres in size located at the south east corner of Sierra College Boulevard and Brace Road, Loomis, Placer County, California. The property has Assessor's Parcel Numbers APN 045-042-011, 012, 023, 034, 035, 036 & 037. At the time of our site observation, there were two residential structures on the site. Surrounding sites are vacant lots/residential structures on north and east and commercial structures/vacant lots, on south and west. We understand that the proposed

development will consist of a new subdivision for construction of one/two story wood frame single family residential structures and related improvements.

AERIAL PHOTOGRAPH REVIEW

The aerial photographs is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from the past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. Aerial photographs, taken from available recent, back to the property's obvious first developed use or back to 1940, whichever is earlier, will be reviewed when available.

The aerial photographs taken in 1952, 1962, 1984, 1993 and 1998, depicts the subject property, were reviewed. The aerial photographs taken in 1952, depicts the subject property as a vacant lot with no structure on the site and no indication of Interstate Highway 80. The aerial photographs taken in 1962, depicts the subject property as a vacant lot with no structure on the site. Interstate Highway 80 and the Sierra College Intersection were in place. The aerial photographs taken in 1993, depicts the neighboring residential structures on the north and the new residential subdivision on the east side of the subject property. The aerial photo taken in 1952, 1962, 1984, 1993 and 1998 are presented in Appendix "A".

GEOLOGIC AND HYDRO GEOLOGIC FEATURES

The area of the subject site lies in the western margin of Sierra Nevada province. The Sierra Nevada extends about 400 miles, terminating in the north at Lassen Peak in the Cascade Range province. The rock and structural patterns of the Sierra disappear beneath the lavas of the Cascades and the volcanic and sedimentary cover of the northern Sacramento Valley. To the south, Sierra grades into the Tehachapi Mountains, which enclosed the southern end of the Great Valley. The Sierra basement terminates near the western margin of the Great Valley, presumably in contact with the Franciscan formation. The Sierra is from 40 to 100 miles wide. Its elevations vary from 400 feet at the Great Valley boundary to summits of more than 14,000 feet adjacent to the Basin Ranges. (Norris & Webb, 1976).

The foothills and mountains of the Sierra Nevada and the Sacramento Valley are the result of a complex geologic history, some aspects of which are unclear even now (Butte County Planning Department, L. Painter, 10-94). The old bedrock, or metamorphic base rock, series of the Sierra

Nevada has been subjected to an intense deformation resulting in dynamically metamorphosed rocks. Intense folding and faulting have produced an area of steep, commonly eastwardly dipping, northwesterly striking bedrock series through the center of the Sierra Nevada. This bedrock series is bound on the east and west by zones of active and potentially active faults.

In the eastern portion, granite has intruded into the older metamorphic bedrock. These intrusives may extend to the west under the metamorphics at the relatively shallow depth. Contact between the granitic intrusives and metamorphics is in many cases marked by seismic evidence which indicates faulting may be continuing today.

On the west, the sediment of the Sacramento Valley overlaps the rocks of the Sierra Nevada foothills. These sediments, for the most part, are relatively flat and dip gently west to southwest with only minor faulting and folding parallel to the structural trend of the valley and the Sierra Nevada range.

The area containing the subject site is mapped by Charles W. Jennings, 1977, fifth printing 2000, Geologic map of California, as Mesozoic granite, quartz monzonite, granodiorite, and quartz diorite.

SITE OBSERVATION

A visual reconnaissance of the subject property was conducted, on February 4, 2005, prior to the compilation of this report. The subject property is approximately 18 acres in size, located at the south east corner of Sierra College Boulevard and Brace Road, Loomis, Placer County, California.

The site is irregular in shape and the general topography of the area is flat terrain. At the time of our site observation, there were two residential structures, appeared to be occupied, at the approximate corner of Brace Road and Starlite Lane, north east part of the site. The site was covered with moderate growth of grass, weeds and a number of native trees.

Surrounding sites are vacant lots/residential structures on north and east and commercial structures/vacant lots, on south and west. The photographs of the area around the subject property are presented on Plates Number 3 through 6, Appendix A. We understand that the proposed development will consist of a new subdivision for construction of one/two story wood frame single family residential structures and related improvements.

SUMMARY

This Environmental Site Assessment, Phase I, Report is prepared pursuant to the scope of work and limitations specified within this document.

The subject property is approximately 18 acres in size, located at the south east corner of Sierra College Boulevard and Brace Road, Loomis, Placer County, California. We understand that the proposed development will consist of a new subdivision for construction of one/two story wood frame single family residential structures and related improvements.

As reported above, our office conducted a field reconnaissance of the site and surrounding area, a review of the regulatory agencies' records as well as interviewed regulatory officials and other individuals to obtain information concerning the known and potential use, storage, disposal and/release of hazardous materials at the subject property. Chemical analysis of soil and groundwater samples to quantify levels of contamination is not within the scope of work to develop a Phase I, Environmental Site Assessment report. No evidence of recognized environmental conditions in connection with the subject property was found at this time.

Executive Summary, Overview Map, Detail Map, Map finding Summary, Physical Setting Source Addendum, Physical Setting Source Summary, Physical Setting Source Map Findings and Physical Setting Source Records Searched are presented in the Executive Summary, Appendix B. Additional information will be presented upon request.

CONCLUSIONS AND RECOMMENDATIONS

This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property at this time. However, should there be a need to conduct an investigation into a specific question not addressed in this report, contact our office immediately regarding your concerns.

Any existing septic tanks and/or water/dry wells, if any, should be abandoned/removed pursuant to the Environmental Management Requirements. We recommend that our firm be retained to perform observations during the demolition of the structures as well as the cleaning process to verify that the recommendations have been properly interpreted and implemented. Additional recommendations may be presented during the demolition and cleaning process.

LIMITATIONS

This report was compiled as a Phase I, Environmental Site Assessment for the subject project. In preparing this report Soil Search Engineering, SSE, has engaged the services of Environmental Data Resources, Inc., EDR, of Milford Connecticut.

This report contains information and data provided to Soil Search Engineering, by several sources. SSE in no way warrants the accuracy or completeness of the information provided to this investigation by those sources. It should be noted that when an assessment is completed without adequate subsurface exploration or chemical screening of soil and groundwater beneath the site, as in this study, no statement of scientific certainty can be made regarding latent subsurface conditions which may be the result of on-site or off-site sources.

This report contains information obtained from a variety of public and other sources. No warranty expressed or implied, is made whatsoever in connection with this report. SSE specifically disclaims the making of any such warranties, including without limitation, merchantability or fitness for a particular use or purpose.

The findings and conclusions of this report are not scientific certainties, but rather, probabilities based on professional judgement concerning the significance of the data gathered during the course of this investigation. SSE is not able to represent that the site or adjoining land contains no hazardous waste, oil, or other latent condition beyond that detected or observed by SSE during the Phase I, Environmental Site Assessment.

The possibility always exists for contaminants to migrate through surface water, air, or groundwater. An investigation to determine whether or not contaminants are present in the surface and subsurface soil is not within the scope of work required to produce the "Phase I, Environmental Site Assessment".

Chemical analysis of soil and groundwater samples to quantify levels of contamination is also not within the scope of work required to develop a "Phase I, Environmental Site Assessment". Our office has not been provided with specific criteria for the development of this report other than a request to evaluate the property in question for possible problems related to toxic or hazardous agents, nor have we been directed to address any specific questions concerning the site.

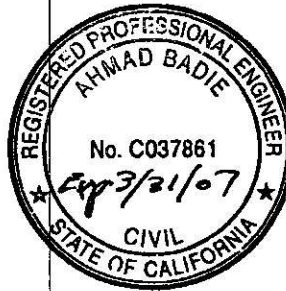
Job No. 512E
February 25, 2005

This report is the property of SSE and prepared exclusively for the specified client and project to develop environmental data to aid in the evaluation of the subject project. This report shall not be reproduced or used for any other purposes without express written consent of our firm. This report is applicable only to the investigated site and should not be utilized for any other site. Should there be a need to conduct an investigation into a specific question not addressed in this report, contact our office immediately regarding your concerns.

SOIL SEARCH ENGINEERING

A. Badie

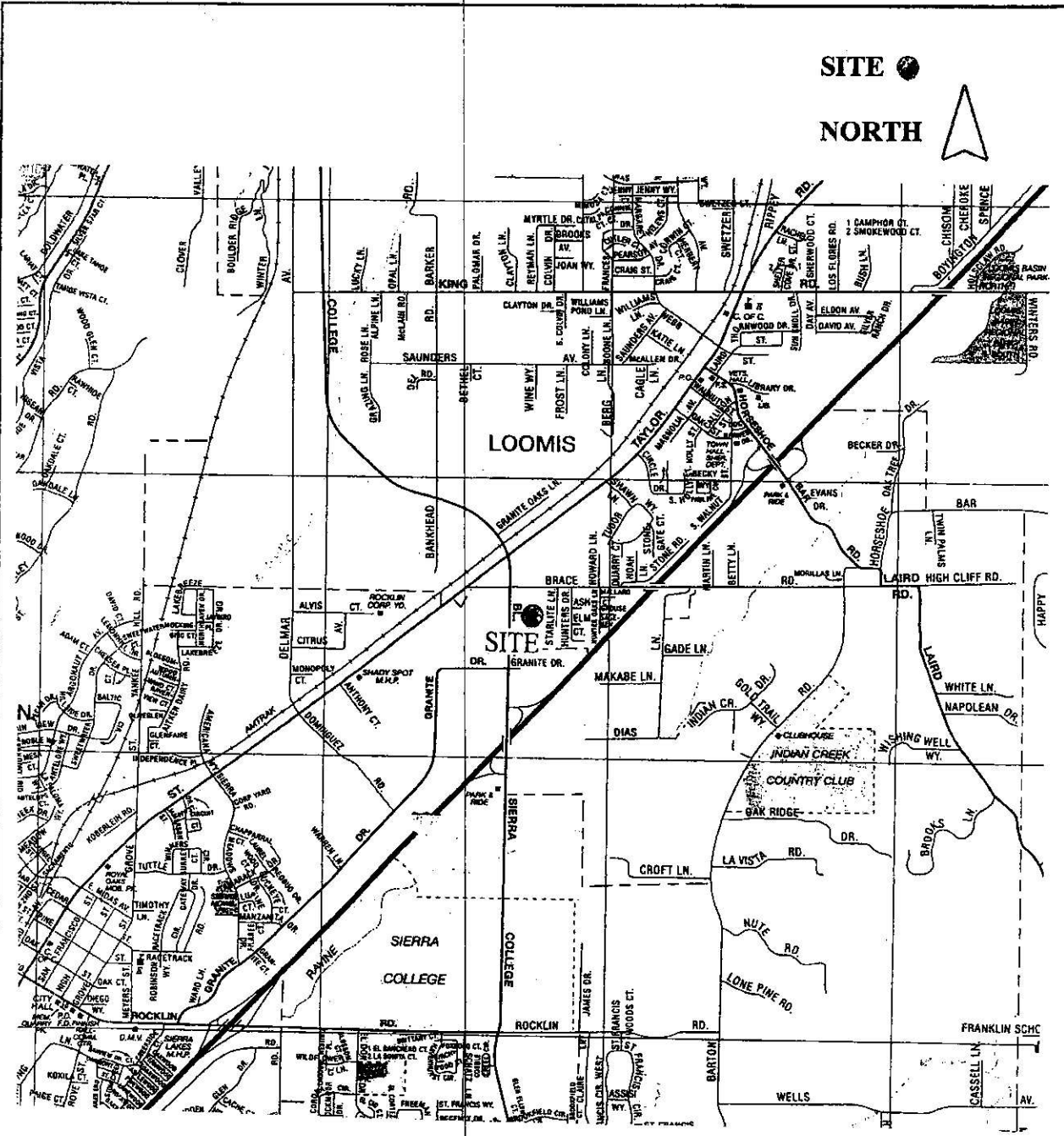
Ahmad Badie, Ph.D., President
REA II-20168, RCE #37861



512E.ph1

APPENDIX A

VICINITY MAP
PARCEL MAP
PHOTOGRAPHS
AERIAL PHOTOGRAPHS

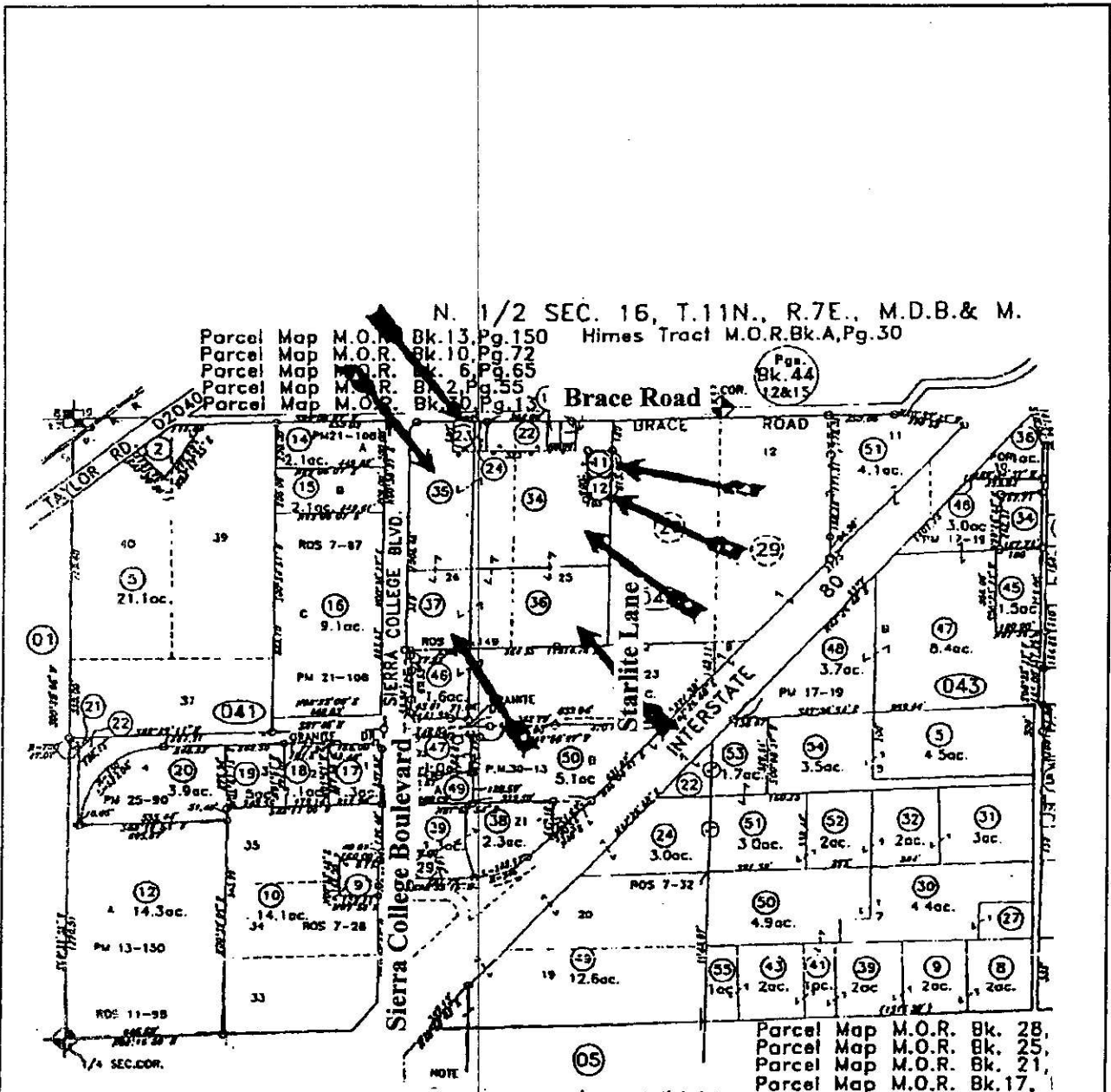


VICINITY MAP

JOB NUMBER 512E FEBRUARY 25, 2005 VICINITY MAP PLATE No. 1

LOOMIS PROPERTY
SIERRA COLLEGE BOULEVARD AND BRACE ROAD
PLACER COUNTY, CALIFORNIA

SSE 4088 Bridge Street #9, Fair Oaks, California 95628 Phone (916) 966-3902

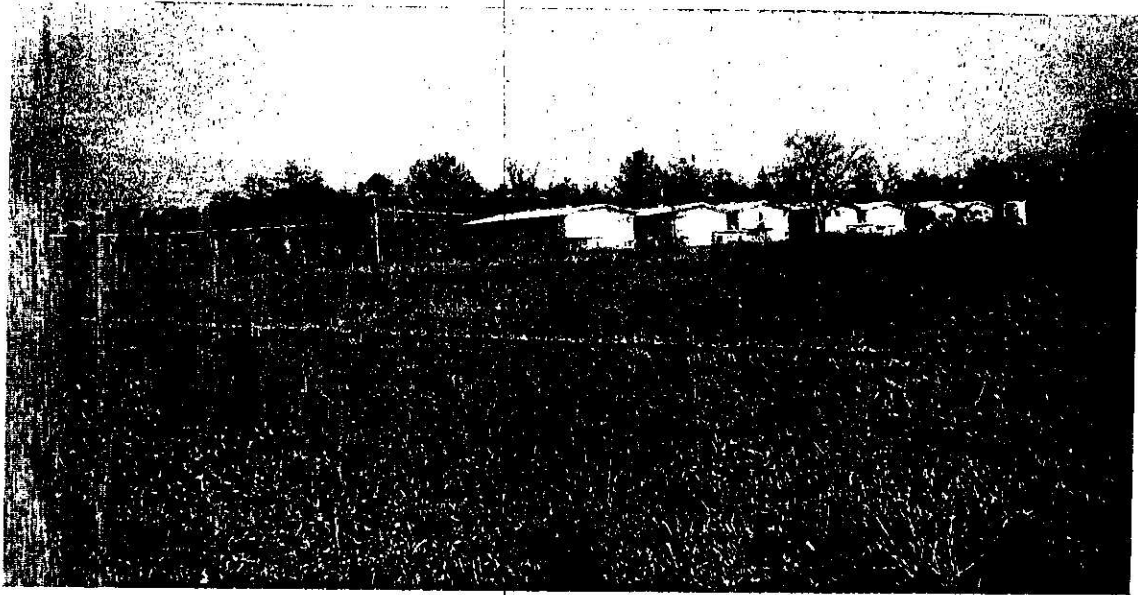


PARCEL MAP

JOB NUMBER 512E	FEBRUARY 25, 2005	PARCEL MAP	PLATE No. 2
<p>LOOMIS PROPERTY SIERRA COLLEGE BOULEVARD AND BRACE ROAD PLACER COUNTY, CALIFORNIA</p>			

SSE 4088 Bridge Street #9, Fair Oaks, California 95628 Phone (916) 966-3902

NORTH VIEW

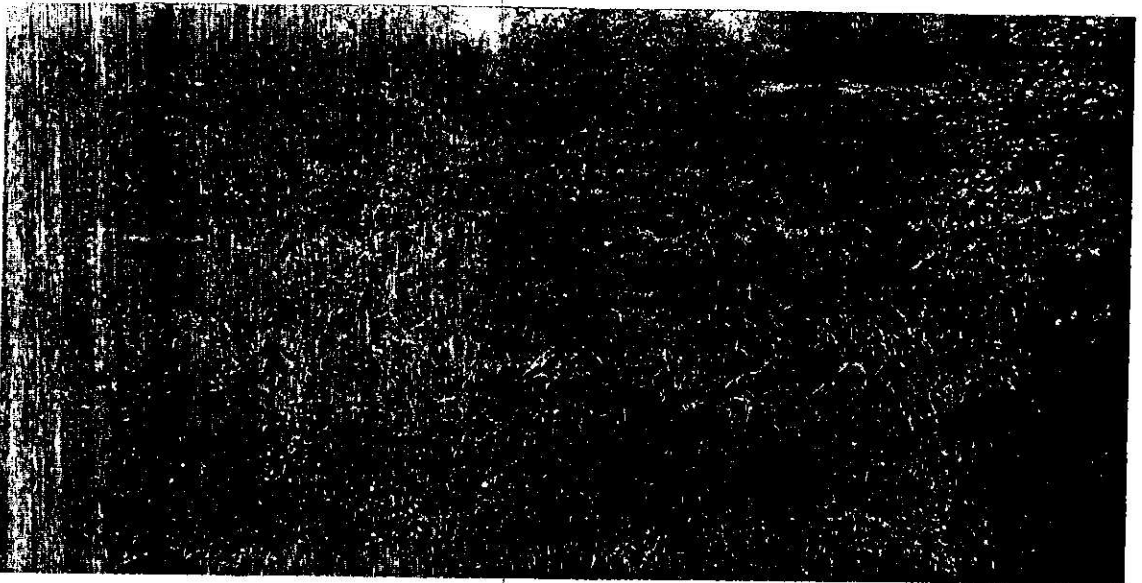
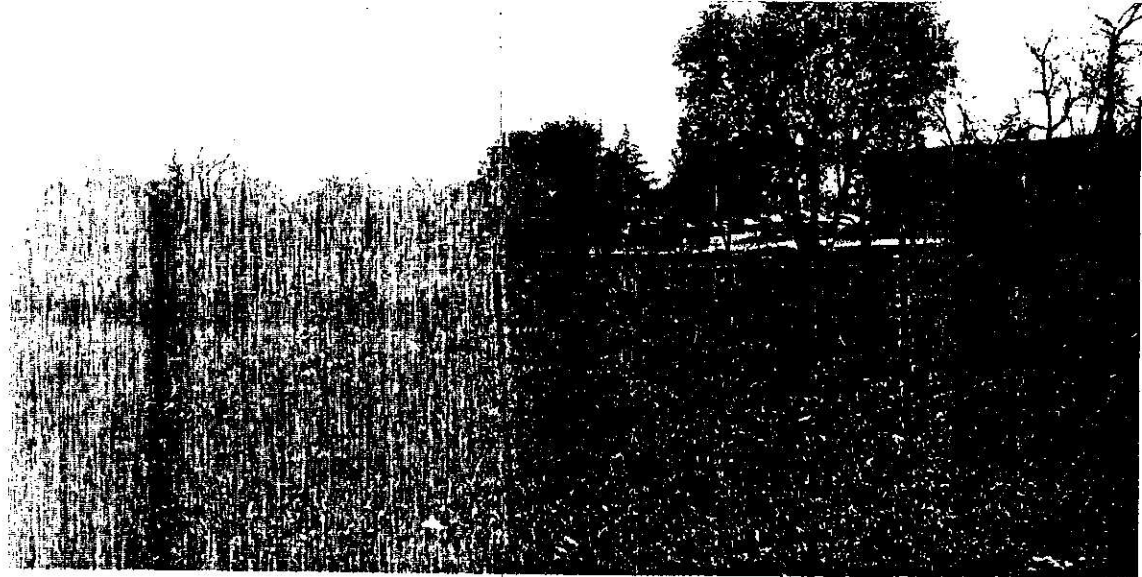


PHOTOGRAPH

JOB NUMBER 512E	FEBRUARY 25, 2005	PHOTOGRAPH	PLATE No. 3
LOOMIS PROPERTY SIERRA COLLEGE BOULEVARD AND BRACE ROAD PLACER COUNTY, CALIFORNIA			

SSE 4088 Bridge Street #9, Fair Oaks, California 95628 Phone (916) 966-3902

SOIL VIEW



PHOTOGRAPH

JOB NUMBER 512E FEBRUARY 25, 2005 PHOTOGRAPH PLATE No. 4

**LOOMIS PROPERTY
SIERRA COLLEGE BOULEVARD AND BRACE ROAD
PLACER COUNTY, CALIFORNIA**

SSE 4088 Bridge Street #9, Fair Oaks, California 95628 Phone (916) 966-3902



PHOTOGRAPH

JOB NUMBER 512E

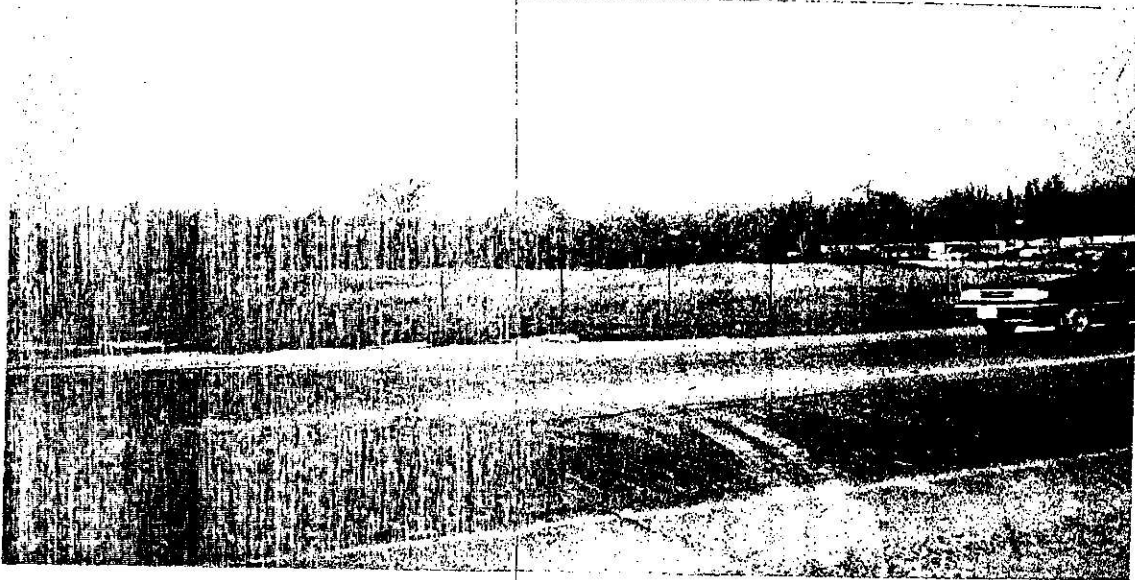
FEBRUARY 25, 2005 PHOTOGRAPH

PLATE No. 5

LOOMIS PROPERTY
SIERRA COLLEGE BOULEVARD AND BRACE ROAD
PLACER COUNTY, CALIFORNIA

SSE 4088 Bridge Street #9, Fair Oaks, California 95628 Phone (916) 966-3902

WEST VIEW



PHOTOGRAPH

JOB NUMBER 512E FEBRUARY 25, 2005 PHOTOGRAPH PLATE No. 6

**LOOMIS PROPERTY
SIERRA COLLEGE BOULEVARD AND BRACE ROAD
PLACER COUNTY, CALIFORNIA**

SSE 4088 Bridge Street #9, Fair Oaks, California 95628 Phone (916) 966-3902



EDR® Environmental
Data Resources Inc

**The EDR-Aerial Photography
Print Service**

Loomis Property
Sierra College Blvd, Brace Rd
Loomis, CA 95650

March 1, 2005

Inquiry Number: 1368152-4

**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

Environmental Data Resources, Inc. Aerial Photography Print Service

Environmental Data Resources, Inc.'s (EDR) Aerial Photography Print Service is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources*. *Reasonably ascertainable means information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires "*All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful.*" (ASTM E 1527-00, Section 7.3.2, page 12.)

Aerial Photographs

When delivered electronically by EDR, the aerial photo images included with this report are for **ONE TIME USE ONLY**. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Aerial photographs are a valuable historical resource for documenting past land use and can be particularly helpful when other historical sources (such as city directories or fire insurance maps) are not reasonably ascertainable. The EDR Aerial Photograph Print Service includes a search of local aerial photograph collections flown by public and private agencies. EDR's professional field-based researchers provide digitally reproduced historical aerial photographs at ten year intervals.

Please call Environmental Data Resources, Inc. Nationwide Customer Service at
1-800-352-0050 (8am-8pm ET)
with questions or comments about your report.
Thank you for your business!

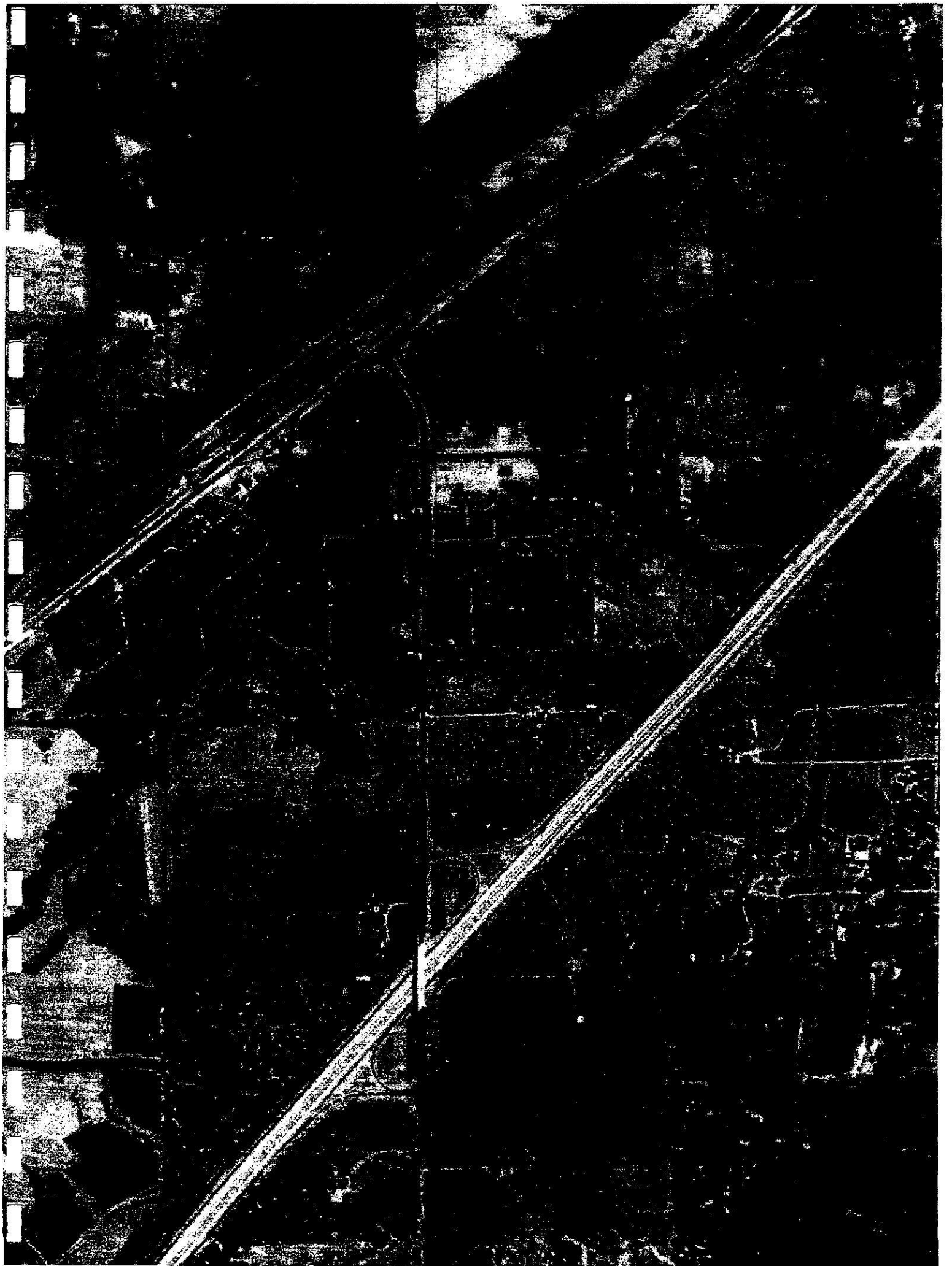
Disclaimer - Copyright and Trademark Notice

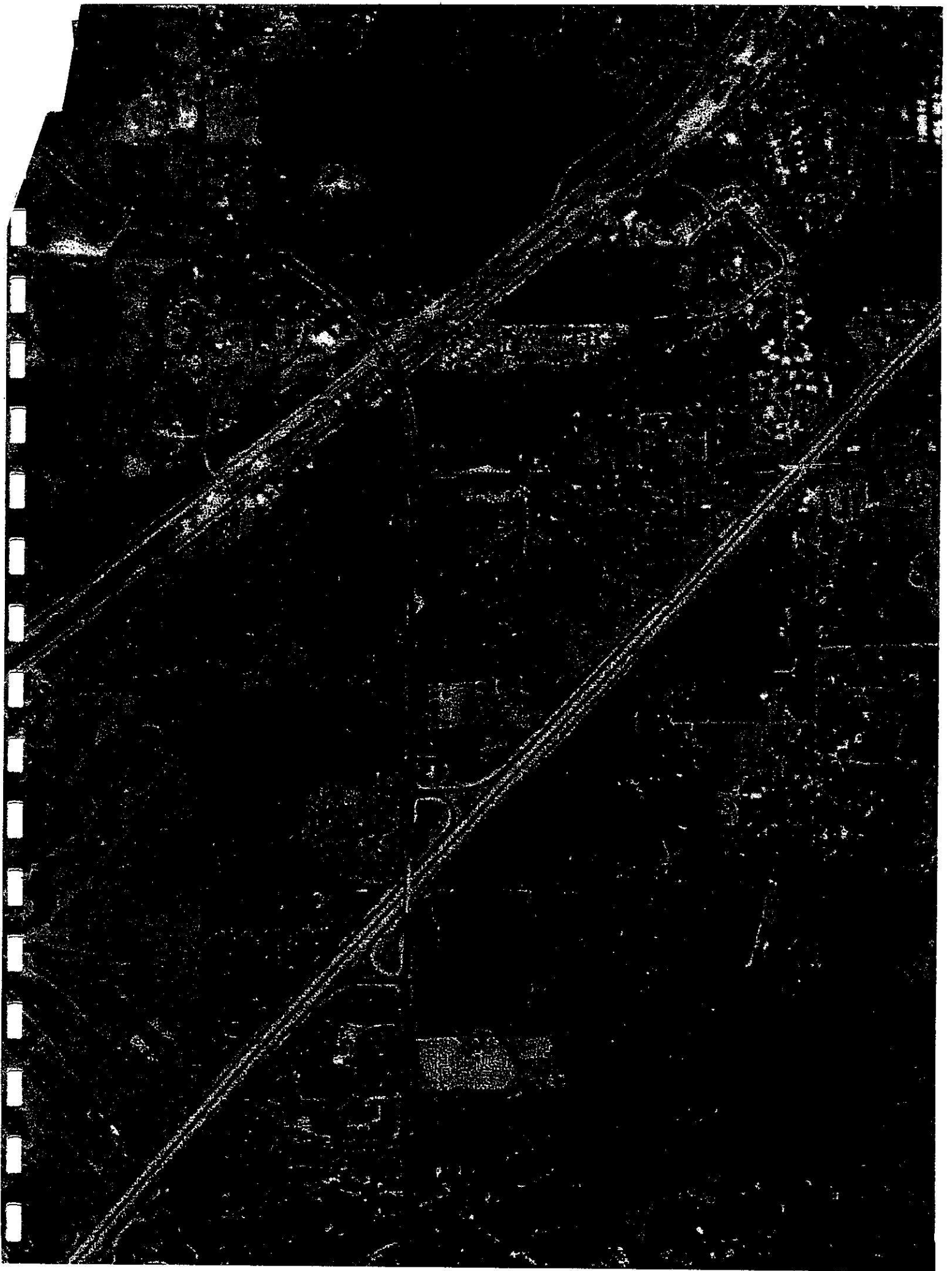
This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY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

Copyright 2005 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates, is prohibited without prior written permission.

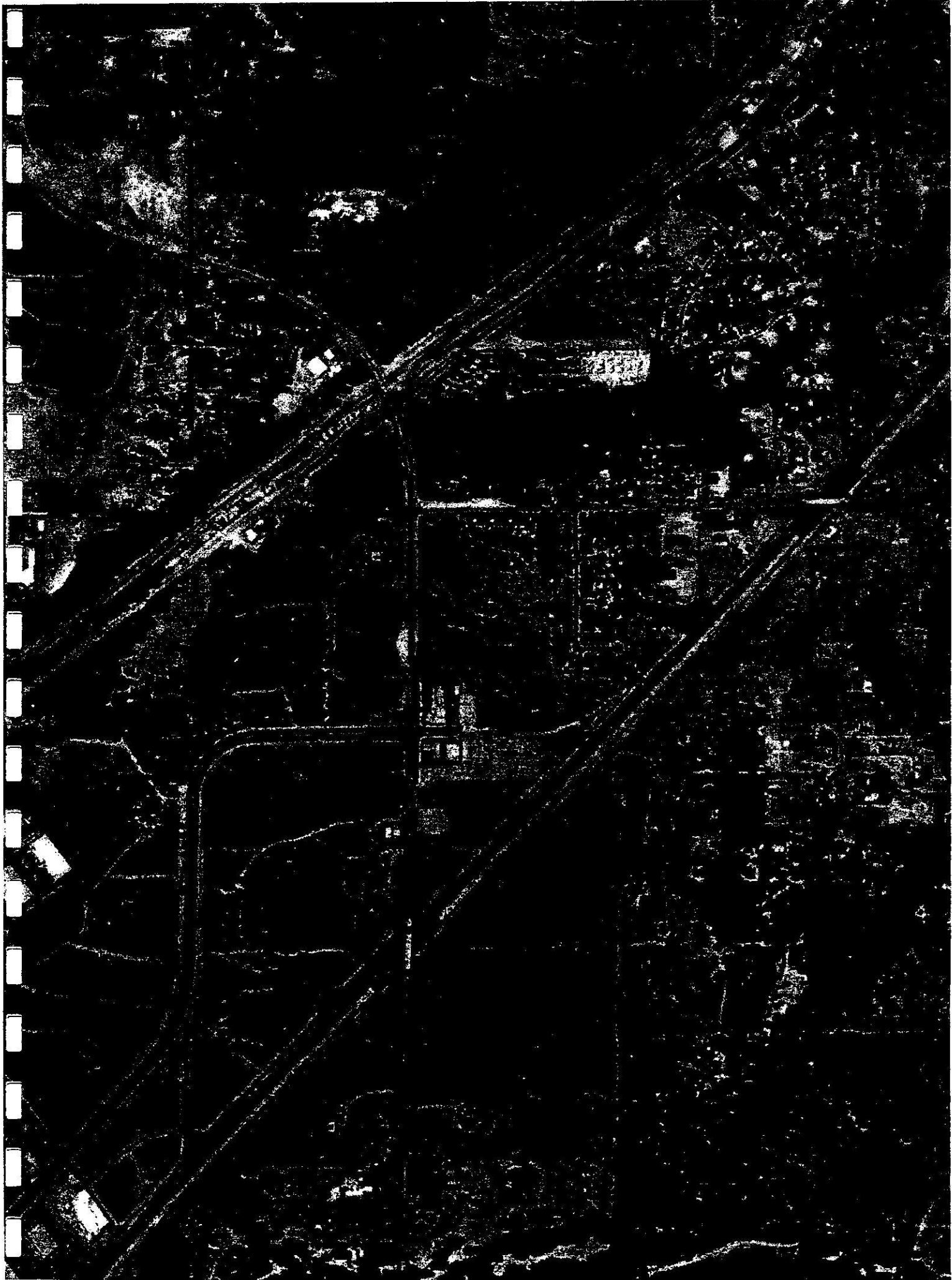
EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.











APPENDIX B

**ENVIRONMENTAL RISK MANAGEMENT
EXECUTIVE SUMMARY
OVERVIEW MAP
DETAIL MAP
MAP FINDING SUMMARY
EPA WASTE CODES ADDENDUM
PHYSICAL SETTING SOURCE ADDENDUM
PHYSICAL SETTING SOURCE SUMMARY
PHYSICAL SETTING SOURCE MAP
PHYSICAL SETTING SOURCE RECORD SEARCHED**

**The EDR Radius Map
with GeoCheck®**

**Loomis Property
Sierra College Blvd, Brace Rd
Loomis, CA 95650**

Inquiry Number: 1368052.2s

February 25, 2005



**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**

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary.....	ES1
Overview Map.....	2
Detail Map.....	3
Map Findings Summary.....	4
Map Findings.....	6
Orphan Summary.....	16
Government Records Searched/Data Currency Tracking.....	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum.....	A-1
Physical Setting Source Summary.....	A-2
Physical Setting Source Map.....	A-7
Physical Setting Source Map Findings.....	A-8
Physical Setting Source Records Searched.....	A-14

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

Disclaimer - Copyright and Trademark Notice

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

Copyright 2005 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission. EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

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

SIERRA COLLEGE BLVD, BRACE RD
LOOMIS, CA 95650

COORDINATES

Latitude (North): 38.808800 - 38° 48' 31.7"
Longitude (West): 121.204300 - 121° 12' 15.5"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 655919.9
UTM Y (Meters): 4296883.5
Elevation: 334 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 38121-G2 ROCKLIN, 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

EXECUTIVE SUMMARY

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
VCP.....	Voluntary Cleanup Program Properties
INDIAN UST.....	Underground Storage Tanks on Indian Land
INDIAN LUST.....	Leaking 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
UMTRA.....	Uranium Mill Tailings Sites
ODL.....	Open Dump Inventory
FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
INDIAN RESERV.....	Indian Reservations
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.....	Deed Restriction Listing
SCH.....	School Property Evaluation Program
REF.....	Unconfirmed Properties Referred to Another Agency
EML.....	Emissions Inventory Data
NFA.....	No Further Action Determination
NFE.....	Properties Needing Further Evaluation
CA SLIC.....	Statewide SLIC Cases
HAZNET.....	Facility and Manifest Data
CA PLACER CO. MS.....	Master List of Facilities

EDR PROPRIETARY HISTORICAL DATABASES

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

BROWNFIELDS DATABASES

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

EXECUTIVE SUMMARY

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

CAL-SITES: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control.

A review of the Cal-Sites list, as provided by EDR, has revealed that there is 1 Cal-Sites site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FOREST PRODUCTS MANUFACTURING,	ANTHONY COURT	1/2 - 1 WSW	10	14

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 are 3 Cortese sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>CHEVRON #9-6705</i>	<i>4365 SIERRA COLLEGE BLV</i>	<i>1/8 - 1/4SSW</i>	<i>6</i>	<i>10</i>
<i>SS #6008 (FORMER UNOCAL)</i>	<i>4390 SIERRA COLLEGE</i>	<i>1/4 - 1/2SSW</i>	<i>A9</i>	<i>13</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SHAMROCK PUMP & EQUIPMENT	4175 TAYLOR	1/8 - 1/4WNW	7	11

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 01/10/2005 has revealed that there are 4

EXECUTIVE SUMMARY

LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
7-ELEVEN INC.	4281 SIERRA COLLEGE BLV	1/8 - 1/4SSW	2	6
CHEVRON #9-6705	4365 SIERRA COLLEGE BLV	1/8 - 1/4SSW	6	10
SS #6008 (FORMER UNOCAL)	4390 SIERRA COLLEGE BLV	1/4 - 1/2SSW	A8	12
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SHAMROCK PUMP & EQUIPMENT	3985 TAYLOR RD (AKA:	1/8 - 1/4NW	5	9

BEP: 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.

A review of the CA BOND EXP. PLAN list, as provided by EDR, has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FOREST PRODUCTS MFG. CO	4315 DOMINGUEZ ROAD	1/2 - 1 SW	11	14

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 01/10/2005 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON-ROCKLIN	4211 SIERRA COLLEGE BLV	1/8 - 1/4SSW	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 0.25 miles of the target property.

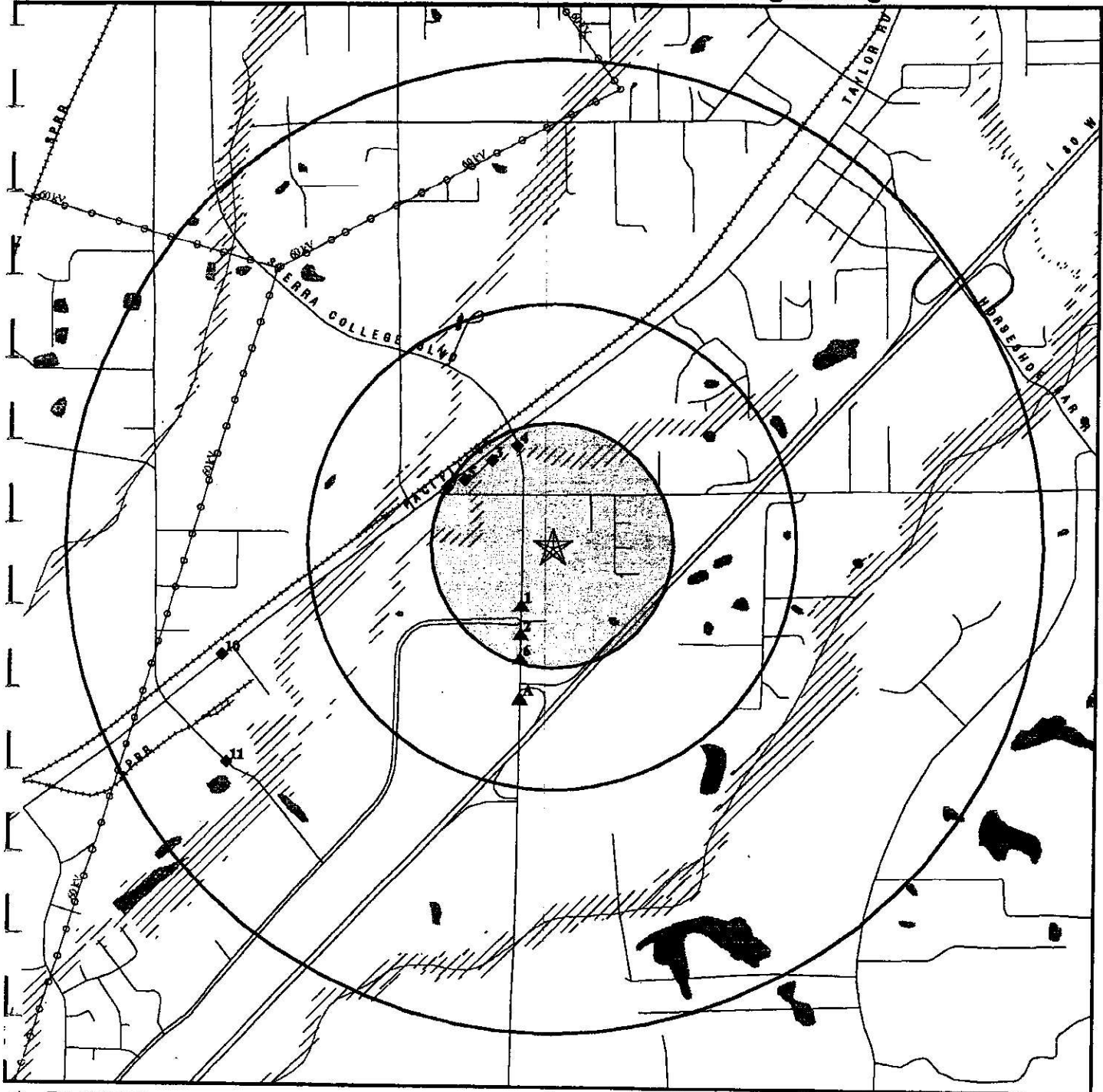
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
96705	4365 SIERRA COLLEGE BLV	1/8 - 1/4NW	3	8
SAMUEL E. ROSE & BETTY A. ROSE	3921 SIERRA COLLEGE BLV	1/8 - 1/4NNW	4	9

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
FORMICA CORP	FINDS, LUST, CHMIRS, Cortese, RCRA-LQG, RCRA-TSDF, CORRACTS, CERC-NFRAP, CA WDS, HIST UST, EMI CERC-NFRAP CERC-NFRAP SWF/LF UST VCP HIST UST RCRA-SQG, FINDS FINDS CA SLIC CA WDS CA WDS SCH CA PLACER CO. MS CA PLACER CO. MS CA PLACER CO. MS
SOUTHERN PACIFIC (ROUNDHOUSE)	
ROCKLIN DUMP	
LOOMIS SANITARY LANDFILL	
U.S. RENTALS SERVICE, #29	
LOOMIS HILL ESTATES	
SIERRA STATION #12	
CHEVRON STATION NO 205777	
LOOMIS SANITARY LANDFILL	
LOOMIS LANDFILL	
LOOMIS SOLID WASTE DISP SITE	
LOOMIS LANDFILL	
ROCK CREEK AKA: SUNWEST #1	
LOOMIS, TOWN OF, CORP. YARD	
WORLD COM - LOOMIS SITE	
PCWA - LOOMIS	

OVERVIEW MAP - 1368052.2s - Soil Search Engineering



- ★ 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



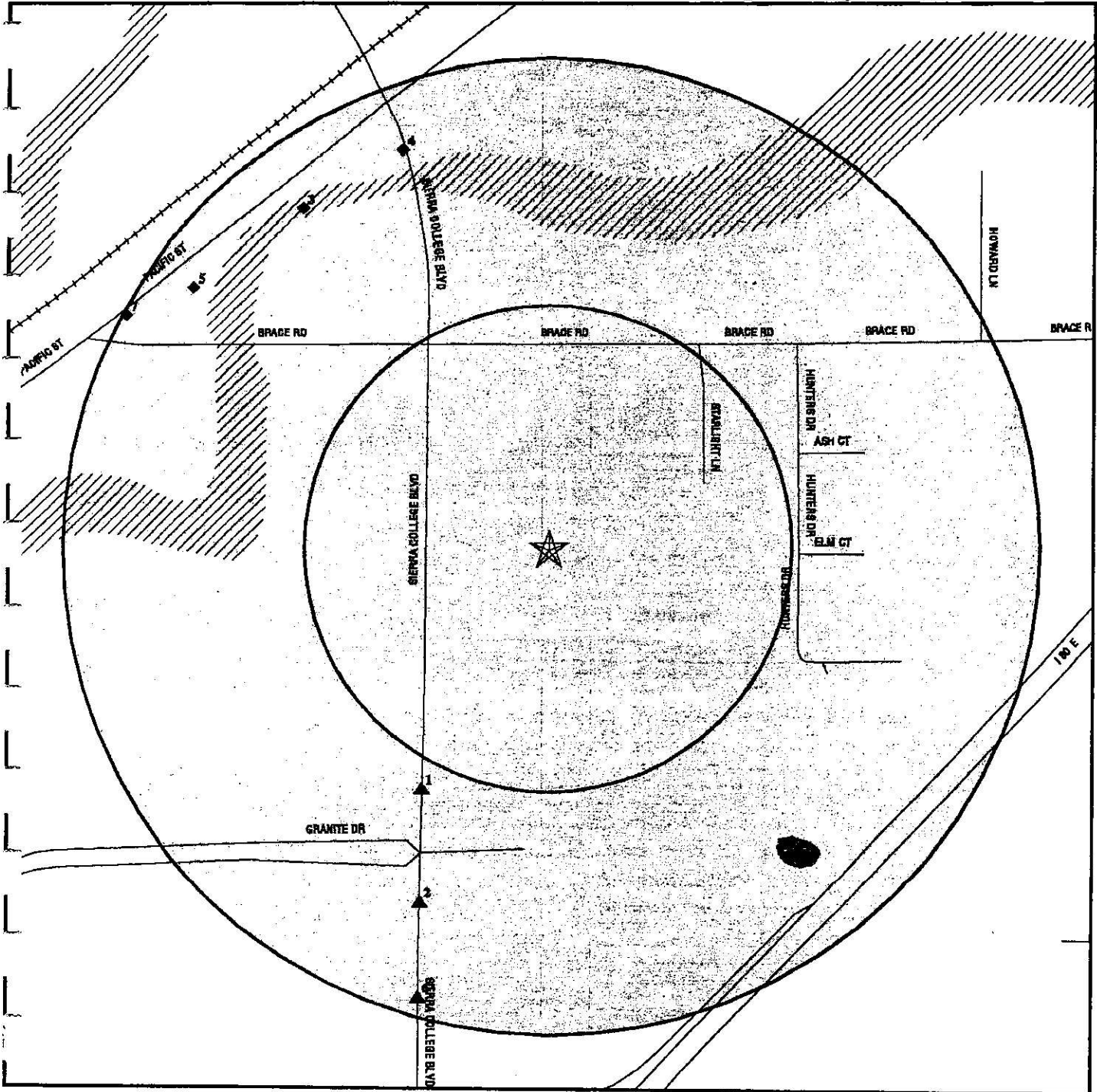
- ▨ Indian Reservations BIA
- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- ▨ Federal Wetlands
- ▨ Areas of Concern



TARGET PROPERTY: Loomis Property
ADDRESS: Sierra College Blvd, Brace Rd
CITY/STATE/ZIP: Loomis CA 95650
LAT/LONG: 38.8088 / 121.2043

CUSTOMER: Soil Search Engineering
CONTACT: Ahmad Badie
INQUIRY #: 1368052.2s
DATE: February 25, 2005 2:51 pm

DETAIL MAP - 1368052.2s - Soil Search Engineering



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



TARGET PROPERTY: Loomis Property
ADDRESS: Sierra College Blvd, Brace Rd
CITY/STATE/ZIP: Loomis CA 95650
LAT/LONG: 38.8088 / 121.2043

CUSTOMER: Soil Search Engineering
CONTACT: Ahmad Badie
INQUIRY #: 1368052.2s
DATE: February 25, 2005 2:51 pm

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	1	NR	1
CHMIRS		TP	NR	NR	NR	NR	NR	0
Cortese		0.500	0	2	1	NR	NR	3
Notify 65		1.000	0	0	0	0	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
LUST		0.500	0	3	1	NR	NR	4
CA Bond Exp. Plan		1.000	0	0	0	1	NR	1
UST		0.250	0	1	NR	NR	NR	1
VCP		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
CA FID UST		0.250	0	0	NR	NR	NR	0
HIST UST		0.250	0	2	NR	NR	NR	2
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
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
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
FUDS		1.000	0	0	0	0	NR	0
DOD		1.000	0	0	0	0	NR	0
INDIAN RESERV		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

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

NOTES:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation Site



Database(s) EDR ID Number
EPA ID Number

FOREST PRODUCTS MFG. CO (Continued)

S100833489

Project Revenue Source Desc : This site is projected to be remediated by the responsible parties with reimbursement to DHS for its oversight. If the RPs are unable to fund site investigation and cleanup, another source of funds will need to be identified.

Responsible Party : BACKLOG SITE CLEANUP PLANNING REPORT

CA STATE SLIC :

Global Id : SLT5S1023143
Region : STATE
Assigned Name : SLICSITE
Lead Agency Contact : CORI CONDON
Lead Agency : CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number : SLT5S102
Responsible Party : GARY COLLEDGE
Recent Dtw : Not reported
Substance Released : VOC, 12035

EMISSIONS :

Facility ID : 70
Air District Code : PLA
SIC Code : 2431
Total Priority Score : 6
Health Risk Assessment : Not reported
Non-cancer Chronic Haz Index : Not reported
Non-cancer Acute Haz Index : Not reported
Air Basin : SV
Air District Name : PLACER COUNTY APCD
Community Health Air Pollution Info System : Y
Consolidated Emission Reporting Rule : Not reported
County Code : 31
County ID : 31

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Databases(s)
LOOMIS	S105255214	LOOMIS SOLID WASTE DISP SITE	END OF WINTERS RD / KING RD	95650	CA WDS
LOOMIS	S106104230	LOOMIS LANDFILL	KING RD	95650	CA WDS
LOOMIS	S105638287	LOOMIS HILL ESTATES	5337 LONE PINE LAND	95650	VCP
LOOMIS	S106198655	LOOMIS SANITARY LANDFILL	ONG PLACE (WINTERS RD); 1 MI S KING RD	95650	SWFLF
LOOMIS	S106447336	LOOMIS, TOWN OF, CORP. YARD	TAYLOR RD	95650	CA PLACER CO. MS
LOOMIS	S104180906	WORLDCOM - LOOMIS SITE	TAYLOR NEAR KING RD	95650	CA PLACER CO. MS
LOOMIS	U001613278	SIERRA STATION #12	8705 TAYLOR ROAD	95650	HIST UST
LOOMIS	S105982391	PCWA - LOOMIS	VAL VERDE RD	95650	CA PLACER CO. MS
LOOMIS	S106486864	LOOMIS LANDFILL	WINTERS ROAD	95650	CA SLIC
LOOMIS	1006837107	LOOMIS SANITARY LANDFILL	WINTERS RD; 1 MI S KING RD	95650	FINDS
ROCKLIN	1003879731	SOUTHERN PACIFIC (ROUNDHOUSE)	CORNER OF FIRST & ROCKLIN RD.	95677	CERC-NFRAP
ROCKLIN	S105628722	ROCK CREEK AKA: SUNWEST #1	LITTLE ROCK ROAD/NORTH HIGHWAY 65	95677	SCH
ROCKLIN	U003942638	U.S. RENTALS SERVICE, #29	4765 PACIFIC ST	95677	UST
ROCKLIN	1003878030	ROCKLIN DUMP	ROCKLIN RD	95677	CERC-NFRAP
ROCKLIN	1006805094	CHEVRON STATION NO 205777	4211 SIERRA	95677	RCRA-SQG, FINDS
SUNSET	1000299404	FORMICA CORP	3500 CINCINNATI AVE	95677	FINDS, LUST, CHMIRS, Cortese, RCRA-LQG, RCRA-TSDF, CORRACT CERC-NFRAP, CA WDS, HIST UST, EMI

GOVERNMENT RECORDS SEARCHED DATA CURRENCY TRACKING

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

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: 12/14/04

Date Made Active at EDR: 02/03/05

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/01/05

Elapsed ASTM days: 2

Date of Last EDR Contact: 02/01/05

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone 617-918-1143

EPA Region 6

Telephone: 214-655-6659

EPA Region 3

Telephone 215-814-5418

EPA Region 8

Telephone: 303-312-6774

EPA Region 4

Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 12/14/04

Date Made Active at EDR: 02/03/05

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/01/05

Elapsed ASTM days: 2

Date of Last EDR Contact: 02/01/05

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: 12/14/04

Date Made Active at EDR: 02/08/05

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/21/04

Elapsed ASTM days: 49

Date of Last EDR Contact: 12/21/04

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.

STREET AND ADDRESS INFORMATION

© 2003 Geographic Data Technology, Inc., Rel. 07/2003. This product contains proprietary and confidential property of Geographic Data Technology, Inc. Unauthorized use, including copying for other than testing and standard backup procedures, of this product is expressly prohibited.

GEOCHECK - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

LOOMIS PROPERTY
SIERRA COLLEGE BLVD, BRACE RD
LOOMIS, CA 95650

TARGET PROPERTY COORDINATES

Latitude (North):	38.808800 - 38° 48' 31.7"
Longitude (West):	121.204300 - 121° 12' 15.5"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	655919.9
UTM Y (Meters):	4296883.5
Elevation:	334 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).

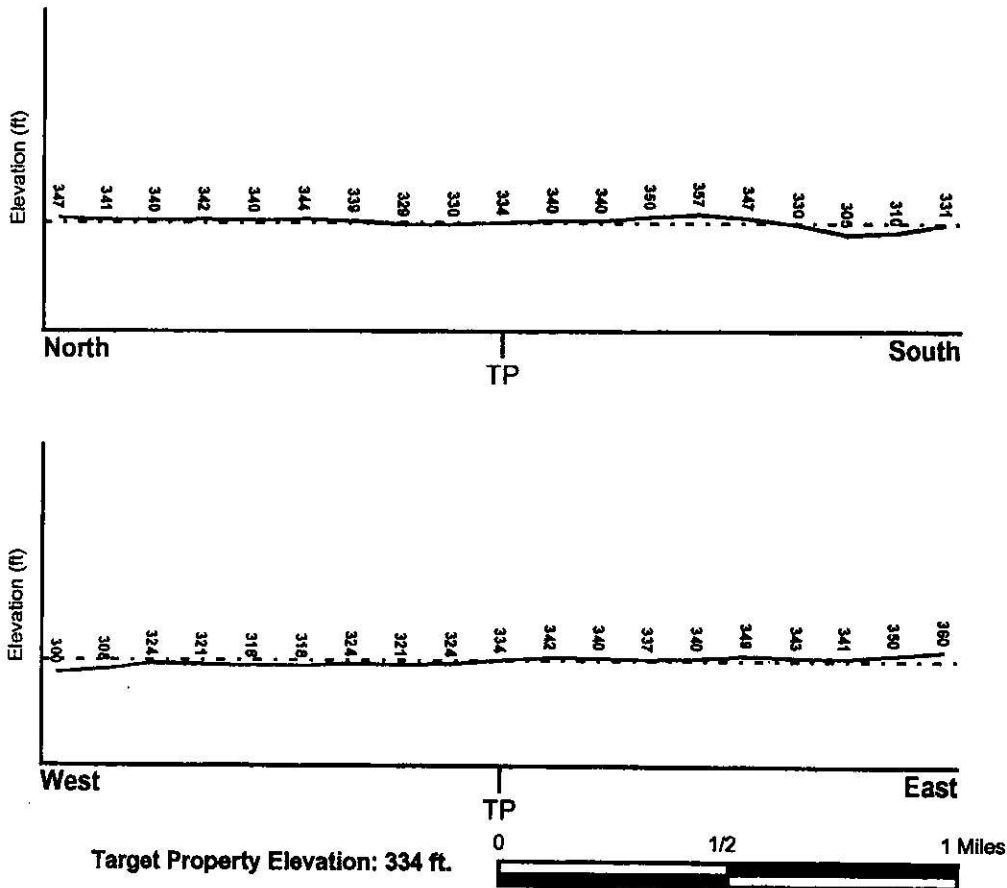
TOPOGRAPHIC INFORMATION

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-G2 ROCKLIN, CA
General Topographic Gradient: General WNW
Source: USGS 7.5 min quad index

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 334 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
PLACER, CA

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

Flood Plain Panel at Target Property: 0607210001A

Additional Panels in search area: 0602390418D
0602420005C

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
ROCKLIN

NWI Electronic Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data:*

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
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

GEOLOGIC AGE IDENTIFICATION

Era:	Mesozoic	Category:	Jurassic granitic rocks
System:	Jurassic		
Series:	Jurassic		
Code:	Jg		(<i>decoded above as Era, System & Series</i>)

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:	ANDREGG
Soil Surface Texture:	coarse sandy loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Well drained. 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: MODERATE

Depth to Bedrock Min: > 20 inches

Depth to Bedrock Max: > 40 inches

GEOCHECK - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	15 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 7.30 Min: 5.60
2	15 inches	29 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 6.50 Min: 5.60
3	29 inches	33 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: gravelly - coarse sandy loam
sandy loam
unweathered bedrock

Surficial Soil Types: gravelly - coarse sandy loam
sandy loam
unweathered bedrock

Shallow Soil Types: clay

Deeper Soil Types: unweathered bedrock

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.

GEOCHECK - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS0148243	1/4 - 1/2 Mile NNW
2	USGS0148244	1/4 - 1/2 Mile NW
3	USGS0148238	1/2 - 1 Mile East
4	USGS0148167	1/2 - 1 Mile SE
A5	USGS0148175	1/2 - 1 Mile West
6	USGS0148173	1/2 - 1 Mile West
A7	USGS0148239	1/2 - 1 Mile West
B8	USGS0148233	1/2 - 1 Mile ESE
9	USGS0148235	1/2 - 1 Mile ESE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

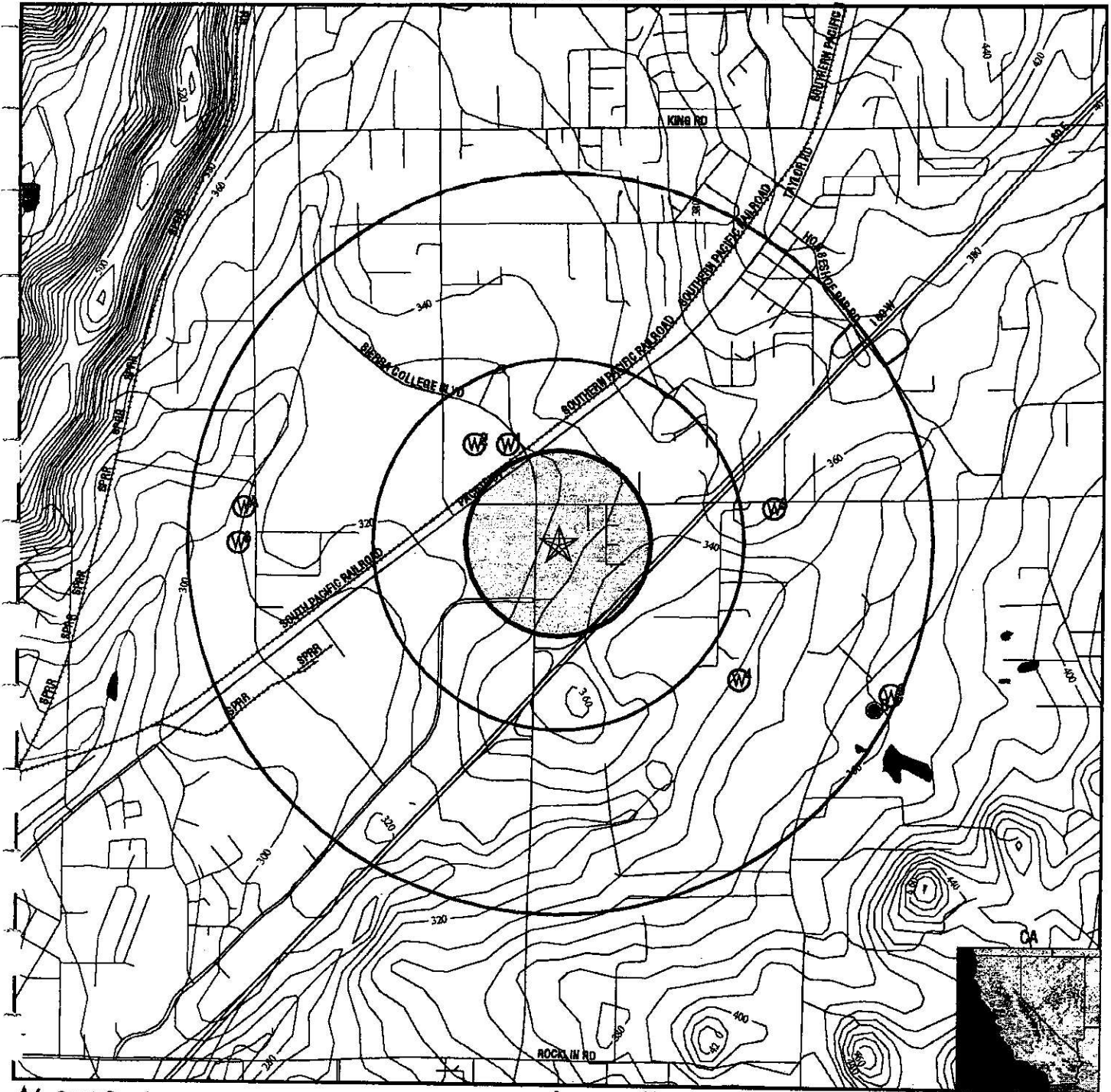
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

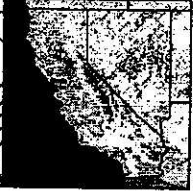
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
B10	10382	1/2 - 1 Mile ESE

PHYSICAL SETTING SOURCE MAP - 1368052.2s



- ↗ County Boundary
- ↘ Major Roads
- ~ Contour Lines
- ⚡ Earthquake Fault Lines
- ⊙ Earthquake epicenter, Richter 5 or greater
- ⊕ Water Wells
- ⊕ Public Water Supply Wells
- Cluster of Multiple Icons

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



TARGET PROPERTY: ADDRESS: CITY/STATE/ZIP: LAT/LONG:	Loomis Property Sierra College Blvd, Brace Rd Loomis CA 95650 38.8088 / 121.2043	CUSTOMER: CONTACT: INQUIRY #: DATE:	Soil Search Engineering Ahmad Badie 1368052.2s February 25, 2005 2:51 pm
---	---	---	---

GEOCHECK - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
 NNW FED USGS USGS0148243
 1/4 - 1/2 Mile
 Lower

Agency:	USGS	Site ID:	384846121122101
Site Name:	011N007E09N002M		
Dec. Latitude:	38.81268		
Dec. Longitude:	-121.20689		
Coord Sys:	NAD83		
State:	CA		
County:	Placer County		
Altitude:	325.00		
Hydrologic code:	18020111		
Topographic:	Undulating		
Site Type:	Ground-water other than Spring		
Const Date:	19770209	Inven Date:	19820715
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	172		
Hole depth:	172	Source:	driller
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
------	--------------------	------------------

1982-07-15	7.36	
------------	------	--

Note: The site had been pumped recently.

2
 NW FED USGS USGS0148244
 1/4 - 1/2 Mile
 Lower

Agency:	USGS	Site ID:	384846121122701
Site Name:	011N007E09N001M		
Dec. Latitude:	38.81268		
Dec. Longitude:	-121.20856		
Coord Sys:	NAD83		
State:	CA		
County:	Placer County		
Altitude:	320.00		
Hydrologic code:	18020111		
Topographic:	Undulating		
Site Type:	Ground-water other than Spring		
Const Date:	19761102	Inven Date:	19820715
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	200BMCX		
Aquifer type:	Not Reported		
Well depth:	75.0		
Hole depth:	75.0	Source:	driller
Project no:	Not Reported		

GEOCHECK - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-07-15	6.44				
Note: The site had been pumped recently.					
1976-11-02	40.00				

3

East
1/2 - 1 Mile
Higher

FED USGS USGS0148238

Agency: USGS Site ID: 384837121113301
 Site Name: 011N007E16A001M
 Dec. Latitude: 38.81018
 Dec. Longitude: -121.19356
 Coord Sys: NAD83
 State: CA
 County: Placer County
 Altitude: 380.00
 Hydrologic code: 18020111
 Topographic: Undulating
 Site Type: Ground-water other than Spring
 Const Date: 19771017 Inven Date: 19820721
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: 200BMCX
 Aquifer type: Not Reported
 Well depth: 173
 Hole depth: 173 Source: driller
 Project no: Not Reported

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-07-21	14.36		1977-10-17	26.00	

4

SE
1/2 - 1 Mile
Lower

FED USGS USGS0148167

Agency: USGS Site ID: 384813121113901
 Site Name: 011N007E16H001M
 Dec. Latitude: 38.80351
 Dec. Longitude: -121.19523
 Coord Sys: NAD83
 State: CA
 County: Placer County
 Altitude: 320.00
 Hydrologic code: 18020111
 Topographic: Undulating
 Site Type: Ground-water other than Spring
 Const Date: 19771220 Inven Date: 19820720
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: 148
 Hole depth: 148 Source: driller
 Project no: Not Reported

GEOCHECK® - PHYSICAL SETTING - SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-07-20	5.45				
Note: The site had been pumped recently.					
1977-12-20	14.00				

A5
West
1/2 - 1 Mile
Lower

FED USGS USGS0148175

Agency: USGS Site ID: 384836121130701
 Site Name: 011N007E17C001M
 Dec. Latitude: 38.8099
 Dec. Longitude: -121.21967
 Coord Sys: NAD83
 State: CA
 County: Placer County
 Altitude: 300.00
 Hydrologic code: 18020111
 Topographic: Undulating
 Site Type: Ground-water other than Spring
 Const Date: 19771118 Inven Date: 19820715
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: 175
 Hole depth: 175 Source: driller
 Project no: Not Reported

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1977-11-18	20.00	

6
West
1/2 - 1 Mile
Lower

FED USGS USGS0148173

Agency: USGS Site ID: 384832121130901
 Site Name: 011N007E17C002M
 Dec. Latitude: 38.80879
 Dec. Longitude: -121.22023
 Coord Sys: NAD83
 State: CA
 County: Placer County
 Altitude: 305.00
 Hydrologic code: 18020111
 Topographic: Undulating
 Site Type: Ground-water other than Spring
 Const Date: 19800328 Inven Date: 19820721
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: 200
 Hole depth: 200 Source: driller
 Project no: Not Reported

GEOCHECK - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1980-03-28	30.00	

A7
West
1/2 - 1 Mile
Lower

FED USGS USGS0148239

Agency:	USGS	Site ID:	384838121130901
Site Name:	011N007E08P001M		
Dec. Latitude:	38.81046		
Dec. Longitude:	-121.22023		
Coord Sys:	NAD83		
State:	CA		
County:	Placer County		
Altitude:	320.00		
Hydrologic code:	18020111		
Topographic:	Undulating		
Site Type:	Ground-water other than Spring		
Const Date:	19780724	Inven Date:	19820715
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	200	Source:	driller
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1982-07-15	5.15	

B8
ESE
1/2 - 1 Mile
Higher

FED USGS USGS0148233

Agency:	USGS	Site ID:	384810121111701
Site Name:	011N007E15M002M		
Dec. Latitude:	38.80268		
Dec. Longitude:	-121.18912		
Coord Sys:	NAD83		
State:	CA		
County:	Placer County		
Altitude:	355.00		
Hydrologic code:	18020111		
Topographic:	Undulating		
Site Type:	Ground-water other than Spring		
Const Date:	19770708	Inven Date:	19820720
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	175		
Hole depth:	175	Source:	driller
Project no:	Not Reported		

GEOCHECK - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1977-07-08	30.00	

9
ESE
1/2 - 1 Mile
Higher

FED USGS USGS0148235

Agency:	USGS	Site ID:	384811121111201
Site Name:	011N007E15M001M		
Dec. Latitude:	38.80296		
Dec. Longitude:	-121.18773		
Coord Sys:	NAD83		
State:	CA		
County:	Placer County		
Altitude:	359.00		
Hydrologic code:	18020111		
Topographic:	Undulating		
Site Type:	Ground-water other than Spring		
Const Date:	19770701	Inven Date:	19820720
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	175		
Hole depth:	175	Source:	driller
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1977-07-01	60.00	

B10
ESE
1/2 - 1 Mile
Higher

CA WELLS 10382

Water System Information:

Prime Station Code:	11N/07E-15M03 M	User ID:	31C
FRDS Number:	3100062001	County:	Placer
District Number:	61	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	384808.0 1211113.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	C.C. WELL		
System Number:	3100062		
System Name:	INDIAN CREEK COUNTRY CLUB		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

**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
95650	11	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 Zip Code: 95650

Number of sites tested: 6

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.817 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002. 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.

APPENDIX C
ADDITIONAL SERVICE

SOIL SEARCH ENGINEERING
GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS
4088 BRIDGE ST. #9, FAIR OAKS, CA 95628 (916)966-3902

Soil Search Engineering Services

Soil Search Engineering is pleased to present geotechnical and environmental investigation, material testing, construction observation and quality control services for your project. Services provided consist of, but not limited to the following:

**GEOTECHNICAL ENGINEERING
RESIDENTIAL , COMMERCIAL
STORAGE BIN, TOWER, DAM
RETAINING WALL & SEA WALL
FOUNDATION INVESTIGATION
SEISMIC FOUNDATION DESIGN
PLAN REVIEW
CONSTRUCTION SUPERVISION
CONSTRUCTION INSPECTION
FIELD TESTING AND OBSERVATION
SOIL LABORATORY TESTING
PAVEMENT DESIGN**

**ENVIRONMENTAL ASSESSMENT
PHASE I AND PHASE II SITE ASSESSMENTS
SITE CHARACTERIZATION
GROUNDWATER INVESTIGATION
GROUNDWATER MONITORING
L.U.F.T. INVESTIGATIONS
COASTAL PROTECTION PROJECTS
FIELD INVESTIGATION
SOIL AND WATER SAMPLING**

If you have any question or require additional information, call our office at your convenience. Please feel free to contact our office for further information regarding our services and fees. Proposals will be provided upon request.

SSE 4088 Bridge Street # 9, Fair Oaks, CA 95628 (916) 966-3902

APPENDIX D
HISTORICAL RESEARCH DOCUMENTATION

SEC Brace Rd and Sierra College Blvd

SEC Brace Rd and Sierra College Blvd
Loomis, CA 95650

Inquiry Number: 4722099.7
September 12, 2016

EDR Environmental Lien and AUL Search

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

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

Copyright 2016 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

SEC Brace Rd and Sierra College Blvd
SEC Brace Rd and Sierra College Blvd
Loomis, CA 95650

RESEARCH SOURCE

Source 1:

Placer Recorder
Placer, CA

PROPERTY INFORMATION

Deed 1:

Type of Deed: deed
Title is vested in: Donald B & Carole F Tanklage Foudnation
Title received from: Stephen C & Virginia A Patterson Trustees
Deed Dated: 10/11/2011
Deed Recorded: 11/17/2011
Book: NA
Page: na
Volume: na
Instrument: na
Docket: NA
Land Record Comments:
Miscellaneous Comments:

Legal Description: See Exhibit

Legal Current Owner: Donald B & Carole F Tanklage Foundation

Parcel # / Property Identifier: 045-024-034-000, 045-024-035-000, 045-024-036-000, 045-024-037-000

Comments: See Exhibit

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found Not Found

Deed Exhibit 1

RECORDING REQUESTED BY:
FIDELITY NATIONAL TITLE CO.

RECORDING REQUESTED BY:
Dennis G. Wagstaffe

AND WHEN RECORDED MAIL TO:
Dennis G. Wagstaffe
PO Box 5009
Redwood City, CA 94063



PLACER, County Recorder
JIM MCCAULEY
DOC- 2011-0092281-00
FIDELITY TITLE

THURSDAY, NOV 17, 2011 12:39:45
MIC \$3.00 | AUT \$8.00 | SBS \$7.00
ERD \$1.00 | RED \$1.00 | REC \$16.00
ADD \$0.00

Ttl Pd \$36.00 Rcpt # 02155087
clkdlmlfj1/GV/1-8

The space above for Recorder's use only

DEED-IN-LIEU OF FORECLOSURE

THE UNDERSIGNED GRANTORS DECLARE:

- (1) The grantee herein was the foreclosing beneficiary.
- (2) The amount of the unpaid debt together with costs was: \$3,000,000.00
- (3) The amount paid by the grantee over and above the unpaid debt was: ^{*}1.00
- (4) The documentary transfer tax is: - 0 -
- (5) Said property is in the City of Loomis, County of Placer, State of California.

FOR VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, STEPHEN C. PATTERSON AND VIRGINIA A. PATTERSON, TRUSTEES OF THE PATTERSON FAMILY TRUST hereby **GRANT** to DONALD B. TANKLAGE AND CAROLE F. TANKLAGE FOUNDATION, a nonprofit public benefit corporation, the following described real property in the City of Loomis, County of Placer, State of California, described as follows:

SEE LEGAL DESCRIPTION ATTACHED AS EXHIBIT "A"

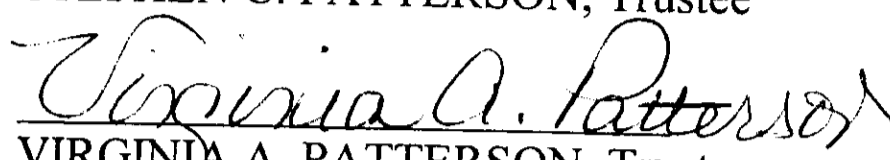
RECITALS

This Deed-in-Lieu of Foreclosure is an absolute conveyance the grantors having sold said real property to the grantee for a fair and adequate consideration such consideration in addition to that above recited being full satisfaction of all personal obligations of the Trustors under that certain promissory note dated August 31 2005. Said note is secured by the deed of trust executed by STEPHEN C. PATTERSON and VIRGINIA A. PATTERSON, Trustees of the Patterson Family Trust to FIDELITY NATIONAL TITLE COMPANY, a California Corporation as trustee, for the benefit of DONALD B TANKLAGE AND CAROLE F. TANKLAGE FOUNDATION a non profit public benefit corporation, as beneficiary recorded August 31 2005 as instrument No. 2005-0116417, Official Records of Placer County. Said deed of trust is NOT being reconveyed and remains secured against the said real property.

Grantors declare that this conveyance is freely and fairly made.

Dated: 10/11, 2011


STEPHEN C. PATTERSON, Trustee


VIRGINIA A. PATTERSON, Trustee

**CERTIFICATE OF ACKNOWLEDGMENT OF
NOTARY PUBLIC**

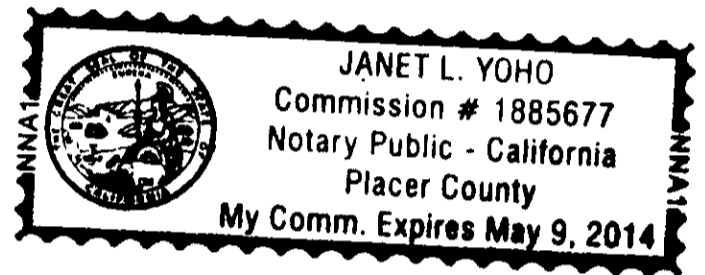
STATE OF CALIFORNIA)
)
COUNTY OF Placer)

Janet L. Yoho

On October 11, 2011 before me, ~~the undersigned~~ ^{who} Notary Public, personally appeared **STEPHEN C PATTERSON**, ~~personally known to me~~ ^{who} (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that, he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument. I certify under Penalty of Perjury under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature *Janet L. Yoho* (SEAL)



**CERTIFICATE OF ACKNOWLEDGMENT OF
NOTARY PUBLIC**

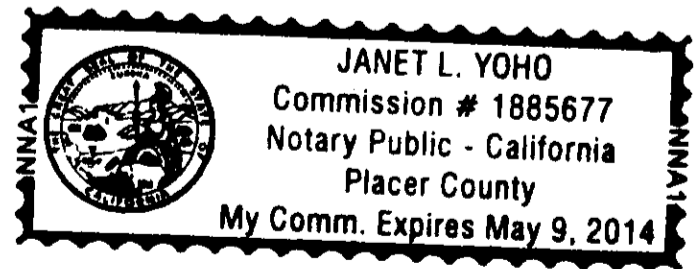
STATE OF CALIFORNIA)
)
COUNTY OF Placer)

JANET L. YOHO

On October 11, 2011 before me, ~~the undersigned~~ ^{who} Notary Public, personally appeared **VIRGINIA A. PATTERSON**, ~~personally known to me~~ ^{who} (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that, she executed the same in her authorized capacity, and that by her signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument. I certify under Penalty of Perjury under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature *Janet L. Yoho* (SEAL)



ESTOPPEL AFFIDAVIT
Affidavit of Individual Giving Deed in Lieu of Foreclosure

STATE OF CALIFORNIA

COUNTY OF PLACER

STEPHEN C. PATTERSON and VIRGINIA A. PATTERSON, as Co-trustees of the Patterson Family Trust, being first duly sworn, depose and say:

That they are the identical parties who made executed and delivered that certain grant deed to the DONALD B. TANKLAGE AND CAROLE F. TANKLAGE FOUNDATION, a non profit public benefit corporation dated 1-1 2011, conveying the real property situated in the City of Loomis, County of Placer, State of California, more particularly described in Exhibit "A" attached hereto.

That affiants now are and at all times herei mentioned were STEPHEN C. PATTERSON and VIRGINIA A. PATTERSON.

That the aforesaid Deed is intended to be and is an absolute conveyance of the title to said premises of the Grantee named herein, and was not and is not now intended as a mortgage, trust conveyance, or security of any kind; that it was the intention of affiants as Grantors in said Deed to convey, and by said Deed these affiants did convey to the Grantee therein all their right, title, and interest absolutely in and to said premises; that possession of said premises, subject to the possessory rights of tenants therein, has been surrendered to the Grantee;

That in the execution and delivery of said Deed, affiants were not acting under any misapprehension as to the effect thereof, and acted freely and voluntarily and were not acting under coercion or duress;

That the consideration for said Deed was and is cancellation of all debts, obligations, costs and charges of STEPHEN C. PATTERSON, VIRGINIA A. PATTERSON and the Patterson Family Turst secured by that certain Deed of Trust heretofore existing on said property executed by STEPHEN C. PATTERSON and VIRGINIA A. PATTERSON, Trustees of the Patterson Family Trust to FIDELITY NATIONAL TITLE COMPANY, a California Corporation as trustee, for the benefit of DONALD B TANKLAGE AND CAROLE F. TANKLAGE FOUNDATION a non profit public benefit corporation, as beneficiary recorded August 31, 2005 as instrument No. 2005-0116417, Official Records of Placer County.

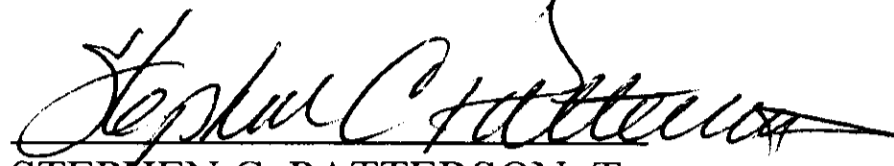
That said deed of trust is NOT being reconveyed and remains secured against the said real property.

That at the time of making said Deed affiants believed and now believe that the aforesaid consideration therefore represents the fair value of hte property so deeded;

This affidavit is made for the protection and benefit of the Grantee in said Deed, its successors and assigns and all other parties hereafter dealing with or who may acquire an interest in the property herein described, and particularly for the benefit of Fidelity National Title Company which is about to insure the title to said property in reliance thereon and any other title company which may hereafter insure the title to said property.

That affiants and each of them will testify declare depose or certify before any competent tribunal officer or person in any case now pending or which may hereafter be instituted to the truth of the particular facts herein above set forth.

Dated: 10/11, 2011



STEPHEN C. PATTERSON, Trustee



VIRGINIA A. PATTERSON, Trustee

CERTIFICATE OF ACKNOWLEDGMENT OF
NOTARY PUBLIC

STATE OF CALIFORNIA)
)
COUNTY OF Placer)

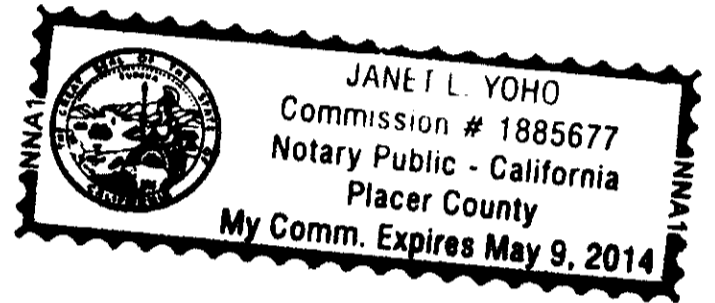
Janet L. Yoho

On October 11, 2011 before me, the undersigned Notary Public, personally appeared **STEPHEN C PATTERSON**, ~~personally known to me~~ ^{who} (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that, he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument. I certify under Penalty of Perjury under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature *Janet L. Yoho*

(SEAL)



CERTIFICATE OF ACKNOWLEDGMENT OF
NOTARY PUBLIC

STATE OF CALIFORNIA)
)
COUNTY OF Placer)

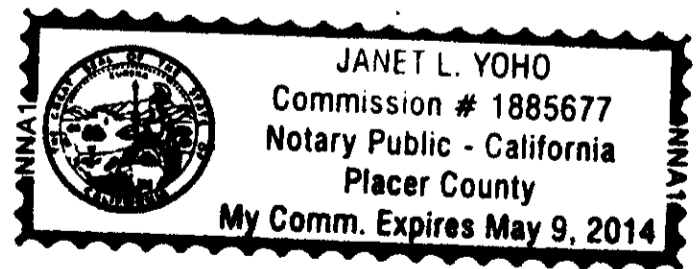
Janet L. Yoho

On October 11, 2011 before me, the undersigned Notary Public, personally appeared **VIRGINIA A. PATTERSON**, ~~personally known to me~~ ^{who} (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that, she executed the same in her authorized capacity, and that by her signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument. I certify under Penalty of perjury under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature *Janet L. Yoho*

(SEAL)



LEGAL DESCRIPTION

EXHIBIT "A"

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE TOWN OF LOOMIS, COUNTY OF PLACER, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

PARCEL ONE:

Lots 25 and 26 of the Himes Tract as shown on the Map thereof filed in Book "A" of Maps, Page 30, Placer County Records

EXCEPTING THEREFROM all those portions conveyed to the County of Placer by Deeds recorded June 20, 1960 in Book 839 of Official Record, Page 289, and recorded June 27, 1962 in Book 923 of Official Records, Page 455.

ALSO EXCEPTING THEREFROM all that portion conveyed to James L. Clark, et ux, by Deed recorded in Book 934 of Official Records, Page 581.

ALSO EXCEPTING THEREFROM all that portion conveyed to Ray H. Maxwell by Deed recorded in Book 959 of Official Records, Page 13.

ALSO EXCEPTING THEREFROM all that portion conveyed to Roman Catholic Bishop of Sacramento by Deed recorded in Book 976 of Official Records, Page 526.

PARCEL TWO:

The West 105 feet of the following described property:

A portion of Lots 25 and 26 of the Himes Tract, described as follows:

Beginning at a point at the intersection of Himes and Brace Roads (North 417,519.68 East 2,226.711.31, California Zone II coordinates) from which the Northeast corner of Section 16, Township 11 North, Range 7 East, M.D.B.& M. (North 417,639.39 East 2,230,674.02, California Zone II Coordinates as filed in the Official Records of Placer County of State Highway II-Pla-17-A-Sec. B Roseville to Newcastle) bears North 88°23'59" East 3964.26 feet, and a railroad spike bears North 02°31'17" East 6.96 feet; thence from said point of beginning North 88°55'07" East 880.23 feet to the East line of said Lot 25 of the Himes Tract; thence South 01°04'53" East 30.00 feet; thence South 0°02'23" East 130.01 feet; thence South 88°55'07" West 155 feet to the Southeast corner of the parcel to be described hereby, the true point of beginning; thence South 88°55'07" West 525.0 feet; thence North 0°22'23" West 130.0 feet; thence North 88°55'07" East 505.0 feet; thence South 45°44' East 28.11 feet; thence South 0°22'23" East 110.0 feet to the true point of beginning

PARCEL THREE:

A portion of Lot 25 of the Himes Tract, described as follows:

Beginning at a point at the intersection of Himes and Brace Roads (North 417,519.68 East 2,226.711.31, California Zone II coordinates) from which the Northeast corner of Section 16, Township 11 North, Range 7 East, M.D.B.& M. (North 417,639.39 East 2,230,674.02, California Zone II Coordinates as filed in the Official Records of Placer County of State Highway II-Pla-17-A-Sec. B Roseville to Newcastle) bears North 88°23'59" East 3964.26 feet, and a railroad spike bears North 02°31'17" East 6.96 feet; thence from said point of beginning North 88°55'07" East 880.23 feet to the East line of said Lot 25 of the Himes Tract; thence South 01°04'53" East 30.00 feet; thence South 0°22'03" East 130.01 feet along the Easterly line of Lot 25 to the point of beginning for the description of this parcel; thence South 0°02'23" East 215.02 feet; thence North 88°55'07" West 105 feet;

thence North 00°22'23" West 215.02 feet; thence North 88°55'07" East 105 feet to the point of beginning.

EXHIBIT "A" (continued)

Title No. 09-**928227**-E-CD
Locate No. CAFNT0931-0941-0008-0000928227

EXCEPTING THEREFROM the South 100.0 feet thereof.

PARCEL FOUR:

The South 350 feet of Lots 25 and 26 of the Himes Tract as shown on the Map thereof filed in Bok "A of Maps, Page 30, Placer County Records

EXCEPTING THEREFROM all those portions conveyed to the County of Placer by Deeds recorded June 20, 1960 in Book 839 of Official Record; Page 289, and recorded June 27, 1962 in Book 923 of Official Records, Page 455.

PARCEL FIVE:

A portion of Lot 25 of the Himes Tract as shown on the Map thereof filed in Book "A" of Maps, Page 30, Placer County Records, described as follows:

Beginning at a point at the intersection of Himes and Brace Roads (North 417,519.68 East 2,226.711.31, California Zone II coordinates) from which the Northeast corner of Section 16, Township 11 North, Range 7 East, M.D.B.& M. (North 417,639.39 East 2,230,674.02, California Zone II Coordinates as filed in the Official Records of Placer County of State Highway II-Pla-17-A-Sec. B Roseville to Newcastle) bears North 88°23'59" East 3964.26 feet, and a railroad spike bears North 02°31'17" East 6.96 feet; thence from said point of beginning North 88°55'07" East 880.23 feet to the East line of said Lot 25 of the Himes Tract; thence South 01°04'53" East 30.00 feet; thence South 0°02'23" East 245.03 feet along the Easterly line of Lot 25 to the true point of beginning for the description of this parcel; thence South 0°22'23" 100.00 feet; thence South 88°55'07" West 105 feet; thence North 0°22'23" West 100.00 feet; thence North 88°55'07" East 105 feet to the true point of beginning.

APN: 045-042-11, 12, 023, 034, 035, 036, 037



SEC Brace Rd and Sierra College Blvd

SEC Brace Rd and Sierra College Blvd

Loomis, CA 95650

Inquiry Number: 4722099.3

September 08, 2016

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

09/08/16

Site Name:

SEC Brace Rd and Sierra Colle
SEC Brace Rd and Sierra Colle
Loomis, CA 95650
EDR Inquiry # 4722099.3

Client Name:

Kleinfelder, Inc.
2 Ada, Suite 250
Irvine, CA 92618-0000
Contact: Karin Hagan



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Kleinfelder, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 5AC9-4F69-B155

PO # NA

Project 201720162

UNMAPPED PROPERTY

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



Sanborn® Library search results

Certification #: 5AC9-4F69-B155

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

Kleinfelder, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

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

Copyright 2016 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

SEC Brace Rd and Sierra College Blvd
SEC Brace Rd and Sierra College Blvd
Loomis, CA 95650

Inquiry Number: 4722099.12

September 13, 2016

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

09/13/16

Site Name:

SEC Brace Rd and Sierra Colle
SEC Brace Rd and Sierra Colle
Loomis, CA 95650
EDR Inquiry # 4722099.12

Client Name:

Kleinfelder, Inc.
2 Ada, Suite 250
Irvine, CA 92618-0000
Contact: Karin Hagan



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

Search Results:

Year	Scale	Details	Source
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1999	1"=500'	Acquisition Date: July 28, 1999	USGS/DOQQ
1993	1"=500'	Flight Date: January 01, 1993	USGS
1984	1"=500'	Flight Date: June 08, 1984	USDA
1975	1"=500'	Flight Date: January 01, 1975	USGS
1966	1"=500'	Flight Date: August 05, 1966	USGS
1952	1"=500'	Flight Date: July 22, 1952	USGS
1938	1"=500'	Flight Date: September 10, 1938	USDA

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Disclaimer - Copyright and Trademark Notice

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

Copyright 2016 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.



INQUIRY #: 4722099.12

YEAR: 2012

— = 500'





INQUIRY #: 4722099.12

YEAR: 2010

— = 500'



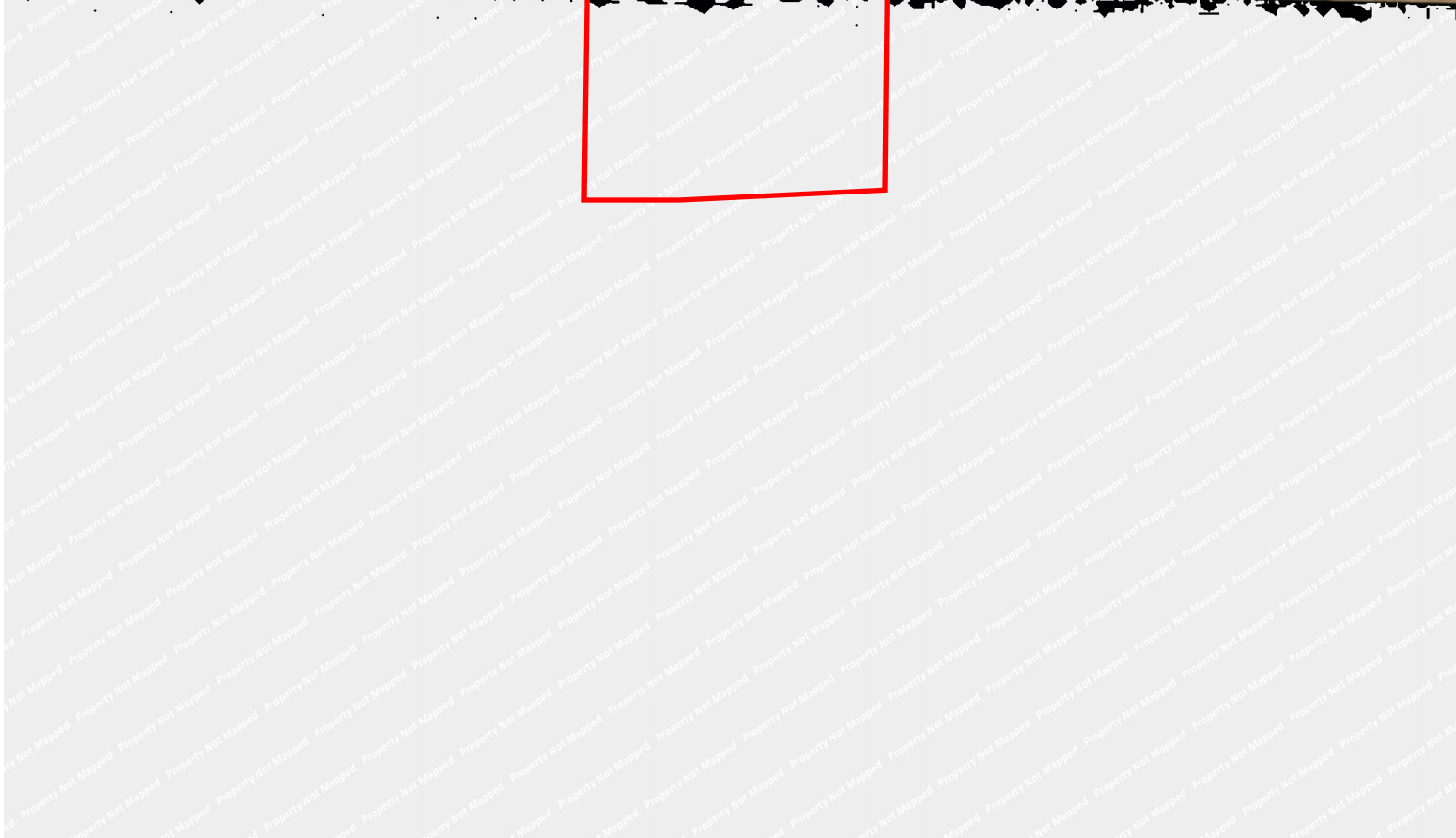


INQUIRY #: 4722099.12

YEAR: 2009

— = 500'





INQUIRY #: 4722099.12

YEAR: 2006

— = 500'





INQUIRY #: 4722099.12

YEAR: 2005

— = 500'





INQUIRY #: 4722099.12

YEAR: 1999

— = 500'





INQUIRY #: 4722099.12

YEAR: 1993

— = 500'





INQUIRY #: 4722099.12

YEAR: 1984

— = 500'



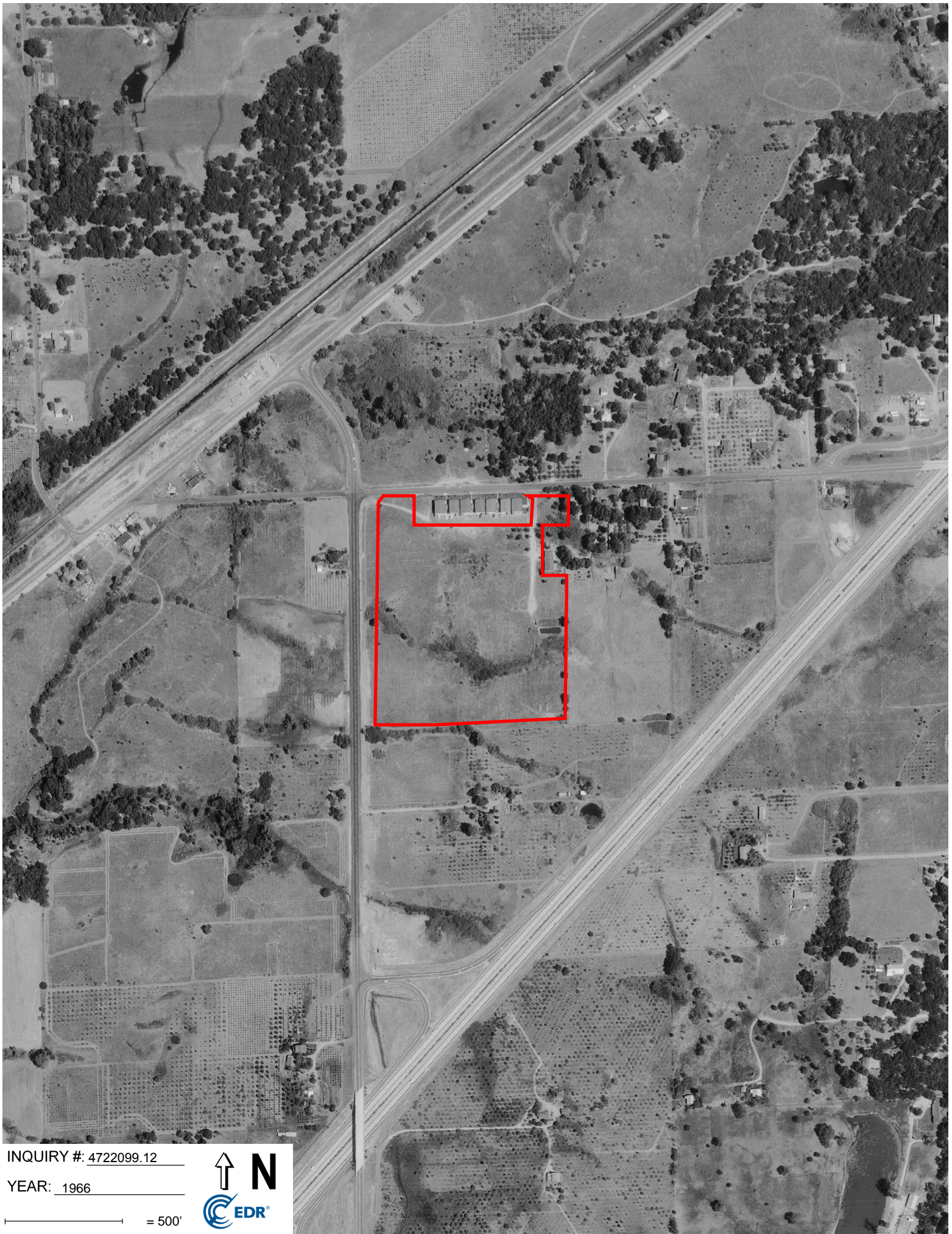


INQUIRY #: 4722099.12

YEAR: 1975

— = 500'



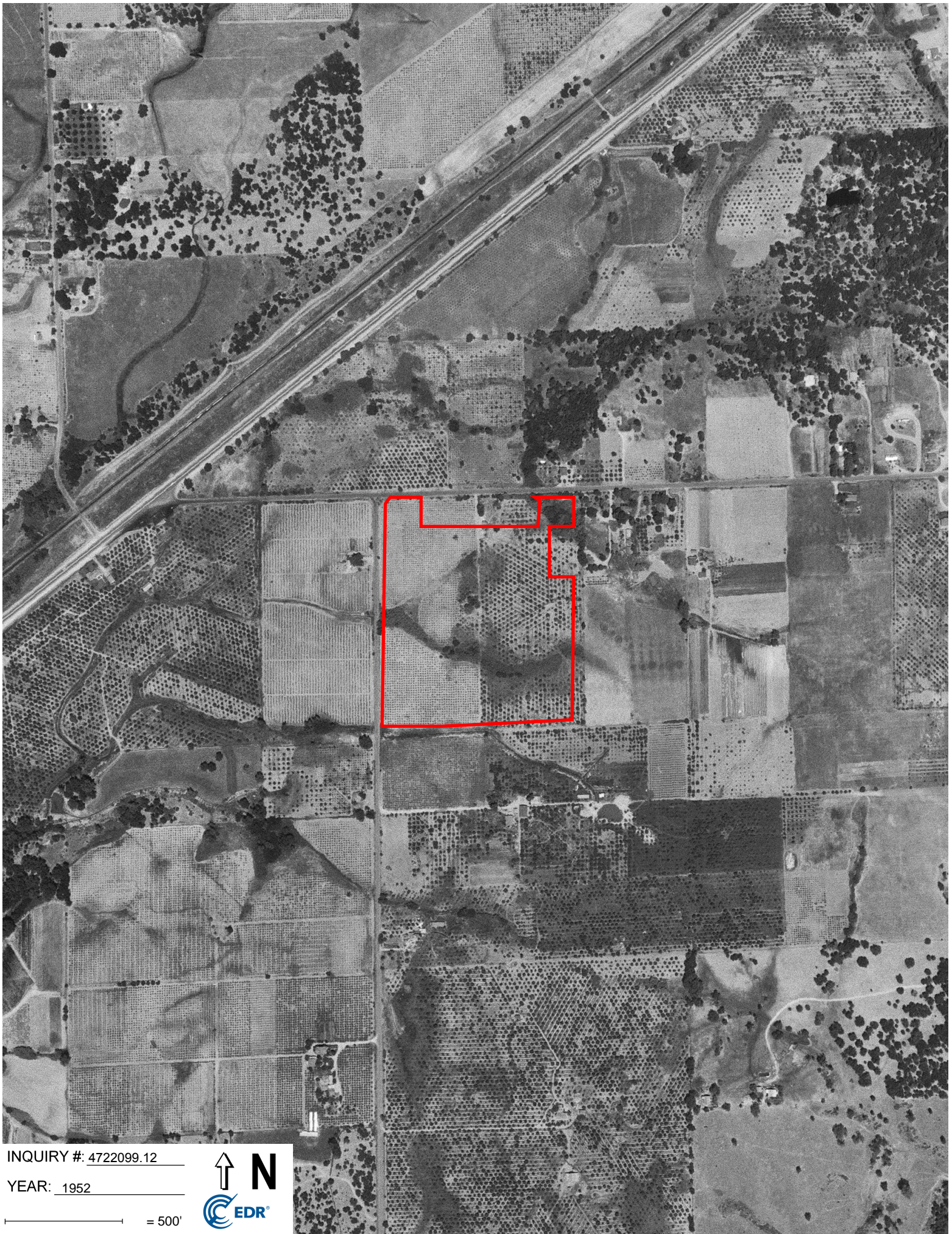


INQUIRY #: 4722099.12

YEAR: 1966

— = 500'





INQUIRY #: 4722099.12

YEAR: 1952

— = 500'





INQUIRY #: 4722099.12

YEAR: 1938

— = 500'



SEC Brace Rd and Sierra College Blvd

SEC Brace Rd and Sierra College Blvd
Loomis, CA 95650

Inquiry Number: 4722099.5
September 12, 2016

The EDR-City Directory Image Report

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

Disclaimer - Copyright and Trademark Notice

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

Copyright 2016 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2008	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1999	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1990	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1985	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1980	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1974	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1970	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory

RECORD SOURCES

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.

FINDINGS

TARGET PROPERTY STREET

SEC Brace Rd and Sierra College Blvd
Loomis, CA 95650

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

BRACE RD

2013	pg A1	Cole Information Services	
2008	pg A3	Cole Information Services	
2003	pg A6	Cole Information Services	
1999	pg A9	Cole Information Services	
1995	pg A11	Cole Information Services	
1992	pg A13	Cole Information Services	
1990	pg A15	Haines Criss-Cross Directory	
1990	pg A16	Haines Criss-Cross Directory	
1985	pg A18	Haines Criss-Cross Directory	
1985	pg A19	Haines Criss-Cross Directory	
1980	pg A21	Haines Criss-Cross Directory	
1974	pg A23	Haines Criss-Cross Directory	
1974	pg A24	Haines Criss-Cross Directory	
1970	-	Haines Criss-Cross Directory	Street not listed in Source

SIERRA COLLEGE BLVD

2013	pg A2	Cole Information Services	
2008	pg A4	Cole Information Services	
2003	pg A7	Cole Information Services	
1999	pg A10	Cole Information Services	
1995	pg A12	Cole Information Services	
1992	pg A14	Cole Information Services	
1990	pg A17	Haines Criss-Cross Directory	
1985	pg A20	Haines Criss-Cross Directory	
1980	pg A22	Haines Criss-Cross Directory	
1974	pg A25	Haines Criss-Cross Directory	
1974	pg A26	Haines Criss-Cross Directory	
1970	-	Haines Criss-Cross Directory	Street not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

BRACE RD 2013

5340	JAMES PUTNAM JESSICA RISHFORTH
5350	CECILIA SANTANA VICTORIA AVILA
5360	CHRISTOPHER SCHURING JAMES STIARWALT
5370	WENDI CRAFT
5380	BRIAN VANNATTA EDGAR GONZALEZ KRISTINE KRUG
5390	C ANDERSON JOEL CHURCH
5397	OCCUPANT UNKNOWN
5420	SYLVIA EPPERLY
5441	NORBERT PERDUTA
5450	PATRICIA COUNTRYMAN
5470	MADELYN COLES
5490	TINA SINNOTT
5501	MARK HARMON
5505	DAVID HOOD
5515	CHERYL BENSON
5519	COURT EDWARDS
5615	ROBERT MERRICK
5645	JANICE HUHTALA
5646	CHARLIE WEST
5842	NORMAN TRIANO

SIERRA COLLEGE BLVD 2013

1625	CRAIG BRYSON
2250	JOSIP ODZAK
2775	JEFFREY KOESTER
3255	PAULA HENDRIX
3275	GOLDEN POND WATER PLANTS JOAN GOLDEN
3315	ABRAHAM ISMAIL
3330	DAVID DUARTE
3333	BEN DICKERSON
3339	DORIS CAMPBELL
3343	BETTY UTZ
3370	FRANK DEVAI
3382	ANTARES NICULESCU
3400	EDWARD SUMMERS
3480	RYAN MIKOLASIK
3521	EUGENE WAGNER
3547	MIKE CRESPILO
3591	OCCUPANT UNKNOWN
3611	OCCUPANT UNKNOWN
3647	ARTHUR HALL
3718	TIANA DEMASTES
3720	ROBERT SEERS
3820	DOMINIC FANELLI
3901	FIELDING LANGDON DVM VCA LOOMIS BASIN VETERINARY CLINIC
3921	SAM ROSE
3930	TRIMMS BUILDING MATERIALS
3940	LATUYA JAMES
4020	EMERALD DISTRIBUTING HORIZON WEST HEALTHCARE INC
4211	CHEVRON MCDONALDS
4281	7ELEVEN
4315	CARLS JR
4389	PLACER TOWING
4660	GINA JONES
4695	JOSE HUERTA
4800	LIFEHOUSE CHURCH
4830	OCCUPANT UNKNOWN
4836	LYTLE ROBERTS
4910	RON CLOVER
4960	CHARLES LENTZ
5055	DEBRA KALEY
5385	IDA OTANI
5945	CAMERON LANDERS
5955	FRED JENSON

BRACE RD 2008

5340	JAMES PUTNAM JESSICA RISHFORTH
5350	BRYAN DOMINGUEZ CECILIA SANTANA LORI HALE MARY WHITLOW PATSY SIMS
5360	DANIELLE ROBERTS LISA GIAMPIETRO
5370	CARL ROGERS J KILGORE TERESA CAZAREZ
5380	ELAINE REDMAN JAY MOORE JOSHUA MILLER KRISTINE KRUG
5390	GERMAINE COX RICHARD JOHNSON STEVEN WENDELL
5397	KAL KRIENKE
5420	SYLVIA EPPERLY
5441	NORBERT PERDUTA
5450	PATRICIA COUNTRYMAN
5470	EARL COLES
5490	GERALD NEAL
5501	MARK HARMON
5505	DAVID HOOD
5515	CHERYL BENSON
5519	BERT NUNN
5615	ROBERT DODD
5645	OCCUPANT UNKNOWN
5646	CLEO WEST
5815	WILLIAM BAXTER
5842	OCCUPANT UNKNOWN

SIERRA COLLEGE BLVD 2008

1625 CRAIG BRYSON
 2250 OCCUPANT UNKNOWN
 2775 JEFFREY KOESTER
 3255 OCCUPANT UNKNOWN
 3275 GOLDEN POND WATER PLANTS
 JOAN GOLDEN
 3315 ABRAHAM ISMAIL
 IH ONLY NORTH
 3333 RICHARD DICKERSON
 3339 DAVID DUARTE
 3343 BETTY UTZ
 3370 FRANK DEVAI
 3382 ANTARES NICULESCU
 3400 EDWARD SUMMERS
 3480 EDWARD MIKOLASIK
 3521 ROBERT WAGNER
 3547 MIKE CRESPILLO
 3591 OCCUPANT UNKNOWN
 3611 CAROL CRUMP
 3647 ARTHUR HALL
 3720 ROBERT SEERS
 3820 DOMINIC FANELLI
 3901 FELLERS GREG E DVM
 MARCIA C SMITH DVM
 3921 SAM ROSE
 3930 KODIAK ROOFING & WATERPROOFING CO
 TRIMMS BUILDING MATERIALS
 TRIMMS SCAFFOLDING LLC
 3940 SCOTT MCINTOSH
 4020 AUBURN MANOR HOLDING CORP
 CARE WEST INSURANCE CO
 EMERALD DISTRIBUTING CO INC
 FAR WEST INC
 MEDICREST OF CALIFORNIA
 RONMAR CONSTRUCTION CO INC
 ROSEVILLE CARE CENTER INC
 SHERWOOD OAKS REALTY
 SIERRA COUNTRY CLUB INVESTORS
 4211 CHEVRON STATIONS INC 1581
 MCDONALDS 21304
 TONY THANDAI
 4281 7 ELEVEN FOOD STORES
 UPPLE SHINDA PARAMJEET
 4315 CARLS JR
 4390 CONOCOPHILLIPS
 4660 GINA JONES
 4695 JOSE HUERTA
 4800 LIFEHOUSE CHURCH
 SIERRA COLLEGE BLVD BAPTIST CHURCH
 4830 OCCUPANT UNKNOWN

Target Street

Cross Street

Source

✓

-

Cole Information Services

SIERRA COLLEGE BLVD 2008 (Cont'd)

4836	LYTLE ROBERTS
4910	RON CLOVER
4960	CHARLES LENTZ
5055	GRACE UYEDA
5385	IDA OTANI
5945	STEVEN STUBBS
5955	FRED JENSON
	VILLAGE PROPERTIES CONSTRUCTION

BRACE RD 2003

5340	PHILIP HURST
5370	ERICA TAMARAK SYD DAVIS
5380	JOHN UNDERWOOD
5390	BRIAN MCALISTER RICHARD JOHNSON
5397	KAI KRIENKE
5420	RAYMOND EPPERLY
5441	NORBERT PERDUTA
5450	TIMOTHY BENDER
5470	EARL COLES
5490	GERALD NEAL
5501	MARK HARMON
5505	MARIAN WOLPERN
5515	OCCUPANT UNKNOWN
5519	BERT NUNN
5615	RHEA DODD
5645	WAYNE HUHTALA
5646	CLEO WEST
5815	OCCUPANT UNKNOWN
5842	BOB GRANT

SIERRA COLLEGE BLVD 2003

1625	CRAIG BRYSON
2232	JAMES MOLL JR PAINTING
2250	JAY PROCTOR
2775	JEFFREY KOESTER
3251	WILSON CONSTRUCTION
3255	OCCUPANT UNKNOWN
3275	GOLDEN POND WATER PLANTS
	WILLIAM GOLDEN
3315	A & K NURSERY
	ABRAHAM ISMAIL
3333	LAVISH OASIS LANDSCAPE
	RICHARD DICKERSON
3339	OCCUPANT UNKNOWN
3343	BETTY UTZ
3370	FRANK DEVAI
3400	EDWARD SUMMERS
3480	EDWARD MIKOLASIK
3521	ROBERT WAGNER
3547	MIKE CRESPILO
3611	MICHAEL DEALBA
3647	ARTHUR HALL
3720	BROOKE RON GENERAL ENGINEERING
	RONALD BROOKE
3901	CARL B STEIN
	CHERRSTROM COREY DVM
	LOOMIS BASIN VETERINARY CTR
	RICHARD FREY
3921	BETTY ROSE
3926	ELIZABETH SYKES
3930	KODIAK ROOFING & WATERPROOFING
	OCCUPANT UNKNOWN
3940	JEFFREY NASH
	JOE JEFFREY
	KATHY LEARNED
4020	AUBURN MANOR HOLDING CORP
	CARE WEST INSURANCE CO
	EMERALD DISTRIBUTING CO
	FAR WEST INC
	HERITAGE CONVALESCENT
	HORIZON WEST HEADQUARTERS INC
	MARTIN HARMON
	SIERRA MEDICAL ENT
	WESTERN CARE CONSTRUCTION CO
	WESTGATE GARDENS INC
4181	7 ELEVEN FOOD STORES
4211	CHEVRON STATION 1581
	OCCUPANT UNKNOWN
4315	CARLS JR
	OCCUPANT UNKNOWN
4390	OCCUPANT UNKNOWN

SIERRA COLLEGE BLVD 2003 (Cont'd)

4390 UNOCAL 76
4660 ERIC HOUSE
4800 OCCUPANT UNKNOWN
SIERRA CLG BLVRD BPTST CHRCH
4830 KENNETH NASSI
4836 LYTLE ROBERTS
4960 CHARLES LENTZ
M DAVIES TRUCKING
5055 ROY UYEDA
5385 ROBERT OTANI
5955 FRED JENSON
JENSON CONSTRUCTION
VILLAGE PROPERTIES CNSTRCTN
WALL CO

BRACE RD 1999

5309	OCCUPANT UNKNOWN
5340	JAMES PUTNAM JESSICA RISHFORTH
5350	CECILIA SANTANA LORI HALE OCCUPANT UNKNOWN PATSY SIMS
5360	LISA GIAMPIETRO
5370	CARL ROGERS J KILGORE
5380	ELAINE REDMAN HOLLY FAHLE KRISTINE KRUG
5390	RICHARD JOHNSON
5397	KAL KRIENKE
5420	SYLVIA EPPERLY
5441	NORBERT PERDUTA
5450	OCCUPANT UNKNOWN PATRICIA COUNTRYMAN
5470	EARL COLES MADELYN COLES
5490	GERALD NEAL
5501	MARK HARMON
5505	DAVID HOOD OCCUPANT UNKNOWN
5515	CHERYL BENSON OCCUPANT UNKNOWN
5519	NATALIE NUNN
5615	MAURY ADAMS
5645	JANICE HUHLALA
5646	CLEO WEST
5815	OCCUPANT UNKNOWN WILLIAM BAXTER
5842	NORMAN TRIANO OCCUPANT UNKNOWN

SIERRA COLLEGE BLVD 1999

1625 CRAIG BRYSON
 2250 MICHAEL FILLMORE
 2775 JEFFREY KOESTER
 3255 OCCUPANT UNKNOWN
 3275 GOLDEN POND WATER PLANTS
 JOAN GOLDEN
 3315 JEFFERY ISMAIL
 3333 BEN DICKERSON
 3343 BETTY UTZ
 3370 FRANK DEVAI
 3382 ANTARES NICULESCU
 3400 EDWARD SUMMERS
 3480 EDWARD MIKOLASIK
 3521 ROBERT WAGNER
 3547 MIKE CRESPILO
 3611 CAROL CRUMP
 OCCUPANT UNKNOWN
 3647 ARTHUR HALL
 3720 KATHRYN SEERS
 3820 DOMINIC FANELLI
 3901 ANIMAL DERMATOLOGY & ALLERGY
 CANNON ANDREA G
 CHERRSTROM COREY DVM LOOMIS BASIN VETRNRY CONTER
 FELLERS GREG E DVM LOOMIS BISIN VETERINARY CENTER
 FREY RICHARD E DVM LOOMIS BASIN VETERINARY CENTER
 LOOMIS BASIN VETERINARY CENTER LARGE ANIMAL SERVICES
 LOOMIS BASIN VETERINARY CLINIC SMALL ANIMALS
 MORGAN BOB DVM LOOMIS BASIN VETERINARY CENTER
 3921 SAM ROSE
 3930 ARNOLDS BUMP SHOP
 3940 CYNTHIA BROWN
 4020 EMERALD DISTRIBUTING
 HORIZON WEST HEADQUARTERS
 RIVER CITY APPRAISAL SERVICE
 4181 7 ELEVEN FOOD STORES
 4211 CHEVRON STATION 1581
 MCDONALDS
 4390 SIERRA COLLEGE UNION STATION
 UNOCAL 76
 4660 GINA JONES
 4695 JOSE HUERTA
 4800 SIERRA COLLEGE BOULEVARD BAPTIST CHURCH
 4836 LYTLE ROBERTS
 4960 CHARLES LENTZ
 5055 GRACE UYEDA
 5385 IDA OTANI
 5945 STEVEN STUBBS
 5955 FRED JENSON

BRACE RD 1995

5174 INGRAM, RON
5350 CARLSON, JEREMY
5360 HOWARD, RICHARD III
5370 SHERMAN, WILLIAM S
5397 KRIENKE, KAI
5490 NEAL, GERALD W
5505 WOLPERN, MARIAN E
5515 WILSON, GERI
5516 YOSHIKAWA, WALTER
5519 NUNN, BERT P
5615 HALL, TERRY L
5646 WEST, CLEO H

SIERRA COLLEGE BLVD 1995

2775 KOESTER, JEFFREY R
3275 GOLDEN, WM
3611 DEALBA, MICHAEL
3720 RONALD E BROOKE
3901 LOOMIS BASIN VETERINARY CLINIC
LOOMIS BASIN VETERINARY CTR
RICHARD E FREY DVM
3926 SYKES, JAS
3930 ARNOLDS BUMP SHOP
4020 BARLOW, J L
DVORAK ARCHITECTURE INTERIORS
EUGENE J DVORAK
RIVER CITY APPRAISAL SVC
SIERRA MEDICAL ENTERPRISES
4365 LOOMIS CHEVRON
4390 SIERRA COLLEGE BLVD UNION STA
4660 MARTIN, MATTHEW J
4800 SIERRA COLLEGE BOULEVARD BAP
5945 DAVIS, STEVE E
5955 JENSON, FRED G

BRACE RD 1992

5174 INGRAM, RON
5350 CRESPILO, TIMOTHY S
5360 HUNTER, MARK
5370 FINK, ROBERT
5380 RAMMEL, GARY
5390 GRADY, TIMOTHY
OGDEN, CHRIS
RICKS, RICHARD L
SILVA MAINTENANCE
5420 SPARKS, WILLIAM
5490 NEAL, GERALD W
5505 WOLPERN, WESLEY
5515 WILSON, GERI
5516 YOSHIKAWA, WALTER
5519 NUNN, BERT P
5646 WEST, CLEO H
5815 BAXTER, WILLIAM F

SIERRA COLLEGE BLVD 1992

2775 KOESTER, JEFFREY R
3255 SKELLENGER, RON
3275 GOLDEN, WILLIAM R
3315 ISMAIL, ABRAHAM S
3339 ISLEY, JEWELL W
3343 UTZ, BETTY J
3370 DUMITRU, NICOLAS
3382 NICULESCU, ANTARES
3480 MIKOLASIK, EDWARD A
3521 CRESPILO, G
3547 CRESPILO, MIKE
3611 PARSONS, DON
3647 HALL, ARTHUR R
3720 BROOKE, RONALD
3901 FREY RICHARD E DVM
FREY, RICHARD E
LOOMIS BASN VETRNRY
MORGAN BOB DVM
WIPPMAN BOB DVM
3921 ROSE, SAM
3926 SYKES, JAMES A
3930 ARNOLDS BUMP SHOP
3940 ARNOLD, DONALD
4020 ADVANCED IRRIGATION
DVORAK ARCH INTRS
EMERALD DISTRIBUTNG
MEDICREST OF CA
RIVER CITY APPRSL
SIERRA MED ENTPRS
4365 LOOMIS CHEVRON STA
4800 SIERRA CLG BAPT CH
5955 JENSON, FRED G
WALL COM CONST
337019 DEVAI, F



-

BRACE RD 1990

BRACE RD 95650
LOOMIS

5174	INGRAM Ron	652-6970
5340	DARCH Bill	652-3230 +0
	DEKLE Sarah L	652-0945 +0
	LIERHEIMER R	652-3230 +0
5350	ANDERSON John S	652-9317 7
5360	GALLAMORE Janice	652-7146 9
	THOMAS Glenn	652-0616 +0

HAINES & CO. INC

BRACE RD 1990

BRACE RD		95650 CONT
5370	RODRIGUEZ Linda	652-6984 +0
5380	COOKSON Laura	652-4337 8
5390	PITZER Randy	652-4132 9
	RICKS Diane K	652-7400
	RICKS Richard L	652-7400
	TEMPLE Alfree	652-0383 9
5420	SPARKS Stephen	652-6464 +0
	SPARKS William	652-6464 +0
5441	MUNSON Kevin L	652-0919 9
5490	NEAL Gerald W	652-3181 +0
5505	WOLPERN Wesley	652-5369
5516	YOSHIKAWA Walter	652-6265
5519	NUNN Bert P	652-9446
	NUNN Bert P	652-9346
5615	MCKOWN Jerry R	652-4957
5646	WEST Cleo H	652-6310
5850	WILLIAMS Gilbert	652-0874
5850 1/2	DICKMEYER Robert	652-0677 7
5860	WILLIAMS Ed	652-9397
5880	WEIST Dennis	652-5765
5895	MARTIN Fern	652-7346
5902	HONGSLO Robt C	652-6291
5945	RICH Ben	652-6221
	RICH Milly	652-6221
5955	GALVAN Jesus	652-6689
5974	ANDERSON Axel	652-7909
5986	HOFFART D J Mrs	652-5739
	HOFFART Nick	652-0864 +0
6002	ASKEW Emma	652-6305
6125	★PRECISION DNLT SPCL	652-0795
6188	WILLIAMSON Scott	652-0064
6217	★FIRST ASMBLY GOD CH	652-6884
	GARDINER Jas D	652-7929
	GARDINER Jas D Rev	652-6884
6241	MORILLAS Tony D	652-7240
6283	MORILLAS Ben D	652-7476 7
6310	DOMINGUEZ Audrey	652-7798
	DOMINGUEZ Stan	652-7798
6323	TATE F W	652-6823
6414	★FIRST UNITD METH CH	652-0469
	★LOOMIS CMNTY NRSRY	652-7842
6498	MORILLAS Eleanor M	652-6804
	MORILLAS Frank D	652-6804
6532	BUCK R Frank	652-6553
	★ 4 BUS	47 RES
		9 NEW

SIERRA COLLEGE BLVD 1990

SIERRA CLG BLVD 95650
LOOMIS

2775	KOESTER Jeffrey R	652-6928
3255	SKELLENGER Ron	652-5923
3275	GOLDEN Wm R	652-0655
3339	ISLEY Jewell W	652-4120
3343	UTZ Sam	652-5353 +0
3370	DEVAI Francisco	652-5309 +0
	DUMITRU Nicolas	652-0218
3382	NICULESCU Antares	652-6235
3480	MIKOLASIK Edw A	652-5456
3521	CRESPILLO Gretchen	652-6509
3547	CRESPILLO Kathy	652-9529
	CRESPILLO Mike	652-6438
		652-4418
3591	MORGAN Wm G	652-8641
3647	HALL Arthur R	652-5630
3720	BROOKE Ronald E	652-0649 8
3901	★CHERRSTROM C DVM	652-5816
	★FELLERS GREG E DVM	652-5816
	★FREY RICHARD E DVM	652-5816
	★HANSON SUZANNE DVM	652-5816 9
	★JOHNSON JEFF DVM	652-5816 +0
	★LARUE LAUREN H DVM	652-5816
	★LOOMIS BASN VETRNRY	652-5816
	★LOOMIS VETRNRY CLNC	652-5816
	★MORGAN BOB DVM	652-5816
	★WIPPMAN BOB DVM	652-5816 +0
3921	ROSE Sam	652-5998
3926	SYKES Jas A	652-6965
3930	★ARNOLDS BUMP SHOP	652-5780
3940	ARNOLD Donald	652-5780
4020	★EMERALD DISTRIBUTNG	624-6250 +0
	★MEDICREST OF CA	624-6238 +0
	★SIERRA MED ENTPRS	624-6230 +0
4365	★LOOMIS CHEVRON STA	652-4486 9
4436	TAKAHASHI Milton	652-6342
4660	★NATURAL DESIGN	652-9795 +0
4800	★SIERRA CLG BAPT CH	652-7216
4830	MUNSELL Russell	652-9396
	NASSI Kenneth E	652-9375
4836	ROBERTS Lytle	652-7038
NO #	GRAY Robt C	652-6033
NO #	JACOBSON Robt E	652-0640
NO #	★MAKIMOTO GEORGE	652-6196 9
★	18 BUS 24 RES	8 NEW

BRACE RD 1985

BRACE RD 95650 LOOMIS

5234	XXXX	00
5240	XXXX	00
5340	AUD B	652-4832 +5
	MATTHEWS COLLEEN	652-4856 +5
5350	GARY LARRY	652-4780 +5
	HOBBS MIKE	652-4722 +5
	SEIDLER B	652-9127 4
	B WRIGHT THELMA	652-9314 2
5360	FORKAS J R	652-0012 3
	MILLER ROBIN	652-4601 +5
5370	GIEL GERALD	652-4522 +5
	A LAW JEFF A	652-4017 4
	C STACY DAVID W	652-5662 1
5380	XXXX	00
5390	RICK DIANE K	652-7400 +5
	A KURAHARA JOHN T	652-0978 4
5397	ELZEA WM E 2D	652-9710 +5
5420	XXXX	00
5441	SILLS STEVEN L	652-5615
5460	HARPER STEVE R	652-5087 +5
	PLACER LAND&MAIN	652-3126 +5
5480	BRACE JOHN	652-6377
5505	WOLPERN WESLEY	652-5369 6
5515	XXXX	00
5516	YOSHIKAWA WALTER	652-6265
5519	NUNN BERT P	652-9346 2
	NUNN BERT P	652-9446 2
5615	XXXX	00
5645	MCCARTNEY MICHAEL S	652-5432 0
5646	WEST CLEO H	652-6310
5815	XXXX	00
5842	CORNELIUS KENNETH	652-4319 +5
5847	XXXX	00
5850	WILLIAMS ED	652-9397 1
	WILLIAMS GILBERT	652-0874 9
5874	XXXX	00
5880	WEIST DENNIS	652-5765 2
5895	MARTIN FERN	652-7346
5902	HONGSLO ROBT C	652-6291

BRACE RD 1985

Target Street	Cross Street	Source
BRACE RD	95650 CONT..	
5945	RICH BEN	652-6221
	RICH MILLY	652-6221
5955	GALVAN JESUS	652-6689
	HARDER RICHARD	652-4358 + 5
5974	ANDERSON AXEL	652-7909 6
5985	XXXX	00
5986	HOFFART D J MRS	652-5739 6
6002	ASKEW EMMA	652-6305
	ASKEW GEO D	652-6305
6125	CORNERSTONE FITNESS	652-5212 + 5
	PRECISION DNTL SPCL	652-0795 9
6151	MOUNCE ROBERT N	652-6012 8
6188	WILLIAMSON SCOTT	652-0064 2
6217	FIRST ASMBLY GOD CH	652-6884 6
	FIRST ASMBLY OF GOD	988-1368 3
	GARDINER JAMES D	652-6884 2
	GARDINER JAS D	652-7929 2
6234	XXXX	00
6241	MORILLAS TONY D	652-7240
6282	HENNY ANONA	652-6240
6283	XXXX	00
6305	XXXX	00
6310	DOMINGUEZ STAN	652-7798
6323	TATE F W	652-6823
6324	XXXX	00
6405	XXXX	00
6414	FIRST UNITD METH CH	652-0469 3
	LOOMIS CMNTY NRSRY	652-7842
6498	MORILLAS ELEANOR M	652-6804
	MORILLAS FRANK D	652-6804
★	7 BUS	62 RES
		13 NEW

SIERRA COLLEGE BLVD 1985

SIERRA CLG BLVD 95650			
LOOMIS			
2775	KOESTER JEFFREY R	652-6928	0
3255	SKELLENGER RON	652-5923	0
3275	GOLDEN WM R	652-0655	4
3315	HENSON LLOYD A	652-5119	
3333	DICKERSON RICHARD O	652-5629	
3339	ISLEY JEWELL W	652-4120	4
3343	UTZ SAM	652-5353	
3370	DEVAI FRANCISCO	652-5309	
	DUMITRU NICOLAS	652-0215	7
3382	NICULESCU ANTARES	652-6235	
3400	XXXX	00	
3480	MIKOLASIK EDW A	652-5456	
3521	CRESPILLO TONY	652-6509	
3547	CRESPILLO MIKE	652-6418	
3591	MORGAN WM G	652-5641	
3647	HALL ARTHUR R	652-5630	+5
3671	XXXX	00	
3720	CARTERS EGG FARM	652-5121	1
	EMERSON C DAVID	652-5121	+5
3747	XXXX	00	
3820	XXXX	00	
3901	CHERRSTROM C DVM	652-5816	2
	COYNE BONNIE DVM	652-5816	
	FELLERS GREG E DVM	652-5816	3
	FREY RICHARD E DVM	652-5816	
	LOOMIS BASH VETRNRY	652-5816	2
	LOOMIS VETRNRY CLNC	652-5816	
	MORGAN BOB DVM	652-5816	2
	WISNER ERIK DVM	652-5816	+5
3921	ROSE SAM	652-5998	
3926	SYKES JAS A	652-6965	1
3930	ARNOLDS BUMP SHOP	652-5780	8
3940	ARNOLD DONALD	652-6930	4
4245	XXXX	00	
4365	CHEVRON STATIONS	652-7474	9
	MONTGOMERYS CHEVRO	652-7474	6
4436	TAKAHASHI MILTON	652-6342	
4660	XXXX	00	
4695	TAKUMA JAS T	652-7213	
4800	SIERRA CLG BAPT CH	652-7216	4
4810	XXXX	00	
4830	MUNSELL RUSSELL	652-9396	1
	NASSI KENNETH E	652-9375	1
4836	ROBERTS LYTLE	652-7038	
4910	XXXX	00	
5055	UYEDA ROY	652-7390	
5385	XXXX	00	
5425	XXXX	00	
5945	DAVIS MARVIN	652-5412	8
NO #	JACOBSON ROBT	652-0640	9
NO #	JACOBSON ROBT CHLD	652-9020	1
	★ 13 BUS 38 RES 3 NEW		

BRACE RD 1980

BRACE RD 95650 LOOMIS		
5174	SKELLENGER WAYNE	652-6970
5234	XXXX	00
5240	XXXX	00
5340	WICKMAN WARREN	652-0654 +0
B	KULINK DENNIS M	652-5048 6
5350	JONES TINA B	652-0184 +0
	REZAC NORMAN F	652-0336 +0
B	BARLOW JAS	652-0945 +0
5360	FAYARD S L	652-6479 +0
	MCLEOD BETTY	652-0068 +0
	WILEY JAS W	652-0723 +0
A	ELBRADER FLORENCE	652-0068 +0
5370	JOHNSON S L	652-5103 +0
	MESSNER K	652-7400 +0
	WILLIAMS L R	652-7400 +0
A	LEWIS GLORIA	652-6395 9
5380	HOLMES JUDY R	652-6457 +0
	SNYDER BONNIE L	652-0115 +0
	YARBROUGH N L	652-6247 +0
5390	BENSO THOMAS S	652-0898 9
	DAWLEY V I	652-5056 +0
	MARTINEZ RON	652-0584 9
5397	OWENS STEVE	652-6092 +0
5420	HARPER STEVE R	652-5087 6
5441	SILLS STEVEN L	652-5615 4
5460	XXXX	00
5480	BRACE JOHN	652-6377
5505	WOLPERN WESLEY	652-5369 6
5515	MORRISON K R	652-6270
5516	YOSHIKAWA WALTER	652-6265
5519	LEISER LOWELL SHAKL	652-0387 9
	SHAKLEE DISTRIBUTOR	652-0387 9
5615	XXXX	00
5645	MCCARTNEY MICHAEL	652-5432 +0
5646	WEST CLEO H	652-6310
5815	XXXX	00
5847	XXXX	00
5850	WILLIAMS GILBERT	652-0874 9
5874	XXXX	00
5895	MARTIN FERN	652-7346 3
5902	HONGSLO ROBT C	652-6291
5945	RICH BEN	652-6221 2
	RICH MILLY	652-6221
5955	GALVAN JESUS	652-6689 4
5974	ANDERSON AXEL	652-7909 6
5985	TOMITA JOE	652-6567
5986	HOFFART D J MRS	652-5739 6
6002	ASKEW EMMA	652-6305
	ASKEW GEO D	652-6305 2
6125	PRECISN DNTL SPCLTY	652-0795 9
6151	MOUNCE ROBERT N	652-6012 8
6217	BRENIZER D L REV	652-6884 6
	FIRST ASMBLY GOD CH	652-6884 6
	POGUE ALLAN S REV	652-0811 +0
6234	DANIELS TIM A	652-0923 +0
6241	MORILLAS TONY D	652-7240
6282	HENNY ANONA	652-6240
6283	XXXX	00
6305	XXXX	00
6310	DOMINGUEZ STAN	652-7798 2
6323	TATE F W	652-6823
6324	XXXX	00
6405	MCMASTER JIM	652-6682 3
6414	FIRST UNITD METH CH	652-7395 5
	LOOMIS CMNTY NRSRY	652-7842 2
6498	MORILLAS ELEANOR M	652-6804 3
	MORILLAS FRANK D	652-6804 4
	* 6 BUS 61 RES 19 NEW	

SIERRA COLLEGE BLVD 1980

SIERRA CLG BLVD 95650
LOOMIS

3315	HENSON LLOYD A	652-5119	4
3333	DICKERSON RICHARD	652-5629	4
3339	JAMES R L	652-5358	4
3343	UTZ SAM	652-5353	4
3370	DEVAI FRANCISCO	652-5309	4
	DUMITRU NICOLAS	652-0215	7
3382	NICULESCU ANTARES	652-6235	4
3400	KEEFOVER VERNON L	652-5271	4
3480	MIKOLASIK EDW A	652-5456	5
3521	CRESPILLO TONY	652-6509	4
3547	CRESPILLO MIKE	652-6418	
3591	MORGAN WM G	652-5641	3
3671	XXXX	00	
3747	HALL ARTHUR R	652-5630	5
3901	CHERRSTROM COREY	652-5818	9
	FELLERS GREG E	652-5818	9
	FREY RICHARD E	652-5818	9
	LOOMIS BASIN VETRYNY	652-5818	9
	LOOMIS VETERINARY	652-5818	9
3921	ROSE SAM	652-5998	5
3930	ARNOLDS BUMP SHOP	652-5780	8
4245	XXXX	00	
4365	CHEVRON STATIONS	652-7474	9
	MONTGOMERYS CHEVRO	652-7474	6
4436	TAKAHASHI MILTON	652-6342	
4660	PHILLIPS ROY T JR	652-7195	4
4695	TAKUMA JAS T	652-7213	
4810	TODD GRANT	652-0255	8
4830	NASSI E U	652-7670	
4836	ROBERTS LYTLE	652-7038	
4910	XXXX	00	
5055	UYEDA ROY	652-7390	
5385	OTANI IDA	652-7226	2
	OTANI ROBT T	652-7226	
5425	XXXX	00	
5945	DAVIS MARVIN	652-5412	8
5955	JENSEN FRED G	624-1233	+0
	JENSON FRED G	988-7743	+0
	VILLAGE PROPERTIES	988-7743	+0
NO #	JACOBSON ROBT	652-0640	9
NO #	LIEBER J	652-0746	9
★	9 BUS	32 RES	3 NEW

BRACE RD 1974

BRACE RD 95650 LOOMIS

5174	SKELLENGER	WAYNE	652-6970
5234	XXXX		00
5240	GATES	FRANK O JR	652-5462+4

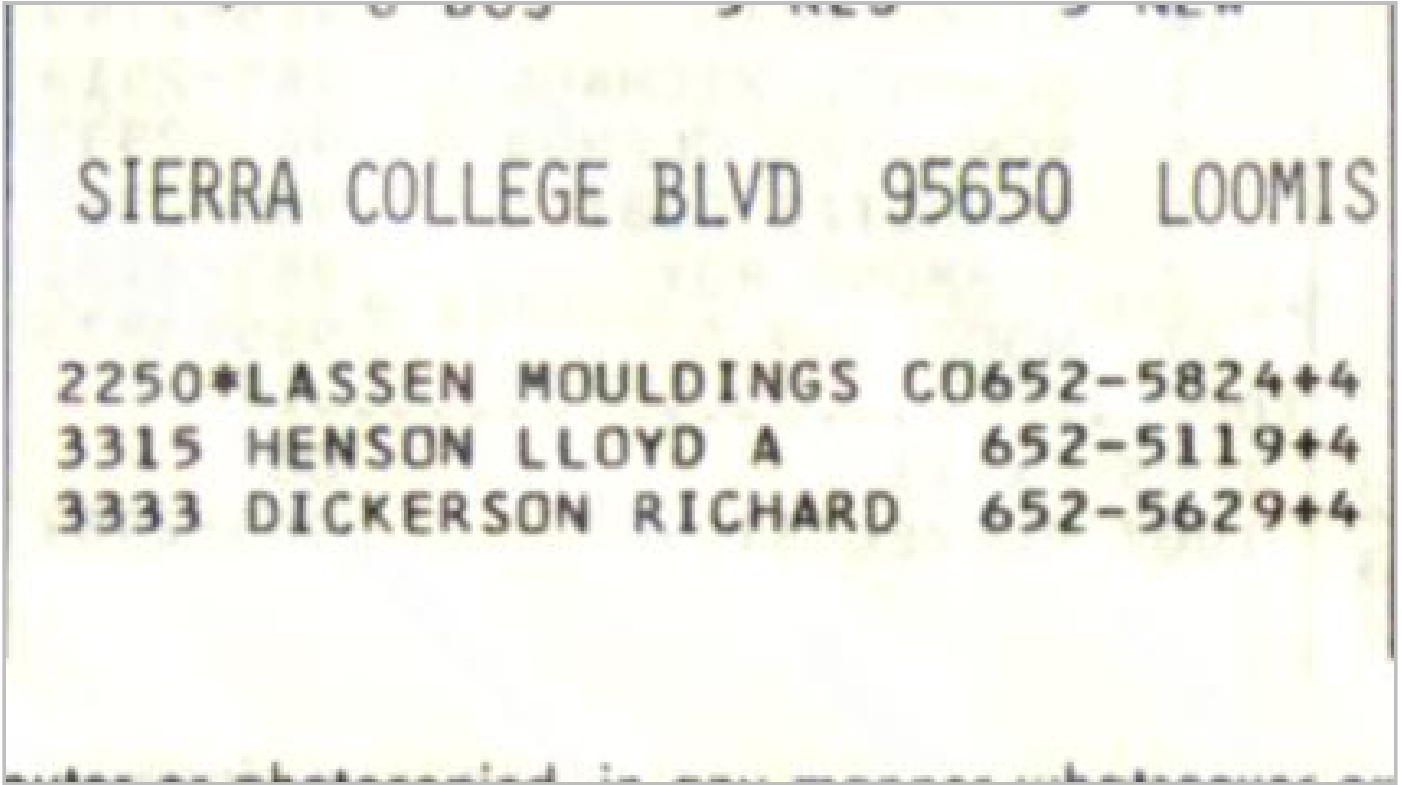
ZZZZZ

computer or photocopied, in any manner whatsoever exce

BRACE RD 1974

.. BRACE RD		95650 CONT..
5340	BACKUS BARTLEY	652-6789 3
5350	HARNES KEN	652-6738 3
5360A	NELTHORPE RHONDA A	652-5276 3
5370	DAVIS DAN A	652-6740+4
	LUMADUE JOS	652-5172
	THOMPSON MICHAEL L	652-7761+4
R	RIEG D M	652-6956+4
5380	MURDOCK ROBT L	652-6264+4
	PUPPIONE JAS	652-7534 2
A	RICKS BETTY J	652-6646 2
5390	DAWLEY PAUL S	652-5436+4
	DUARTE FRANK R	652-6959
	MANIORD KENNETH L	652-6434 2
5420	ANDERSON K D	652-5682+4
5441	SILLS STEVEN L	652-5615+4
5480	BRACE JOHN	652-6377
5505	WOLPERN WESLEY	652-6876 2
5515	MORRISON K R	652-6270
5516	YOSHIKAWA WALTER	652-6265
5519	MUIRHEAD HARVEY JR	652-5459+4
5615	RICKABAUGH GEO A	652-6258
5645	SOUTHERN ROGER	652-6820 2
5646	WEST CLEO H	652-6310
5815	RESCH ROBT	652-6828
5842	KENNEDY JEWELL	652-5648+4
5847	XXXX	00
5874	SCHALLHORN F	652-7865
5895	MARTIN FERN	652-7346 3
5902	HONGSLO ROBT C	652-6291
5945	RICH BEN	652-6221 2
	RICH MILLY	652-6221
5955	GALVAN JESUS	652-6689+4
5985	TOMITA JOE	652-6567
5986	ANDERSON AXEL	652-7909+4
6002	ASKEW EMMA	652-6305
	ASKEW GEO D	652-6305 2
6125	XXXX	00
6151	DALY DENNIS E	652-6519
6234	PHILLIPS R H	652-7007+4
6241	MORILLAS TONY D	652-7240
6282	HENNY ANONA	652-6240
6283	GRIDE EDW V	652-6058
6305*	ASSEMBLY OF GOD CH	652-6884 2
	WAGNER STANLEY REV	652-6884 2
6310	DOMINGUEZ STAN	652-7798 2
6323	TATE F W	652-6823
6324	CAJERO CYNTHIA L	652-6893+4
B	BROOKS RONALD J	652-5514+4
B	BROOKS VICKI L	652-5514+4
6405	MCMASTER JIM	652-6682 3
6414*	FIRST UNTD METH CH	652-7395
	*LOOMIS HEAD START	652-7842 2
	*LOOMIS NURSERY SCHL	652-7842 2
6498	MORILLAS ELEANOR M	652-6804 3
	MORILLAS FRANK D	652-6804+4
*	4 BUS	54 RES
		17 NEW

SIERRA COLLEGE BLVD 1974



SIERRA COLLEGE BLVD 1974

..SIERRA COLLEGE BLVD 5650 CONT..
 3339 JAMES R L 652-5358+4
 3343 UTZ SAM 652-5353+4
 3370 DEVAI FRANCISCO 652-5309+4
 3382 NICULESCU ANTARES 652-6235+4
 3400 KEEFOVER VERNON L 652-5271+4
 3521 CRESPILO TONY 652-6509+4
 3547 CRESPILO MIKE 652-6418
 3591 MORGAN WM G 652-5641 3
 3671 MANLEY MARK 652-6330 3
 4068 CAMPBELL PAUL E 652-6515
 4245 MAKABE GEO 652-6219
 4365* MONTGOMERYS CHEVRQ 652-9996
 4436 TAKAHASHI MILTON 652-6342
 4600 XXXX 00
 4660 PHILLIPS ROY T JR 652-7195+4
 4695 TAKUMA JAS T 652-72133
 4830 NASSI E U 652-7670
 WEST TERRY L 652-5513+4
 4836 ROBERTS LYTLE 652-7038
 4910 CLOVER P R 652-7997
 4960 CUMMINGS DONALD 652-7034
 5055 UYEDA ROY 652-7390
 5385 OTANI IDA 652-7226 2
 OTANI ROBT T 652-7226
 5425 COOPER MAE 652-7328
 NO # ALLEN T E 645-8897 3
 NO # BICKFORD J A 645-2292 3
 NO # BICKFORD JAS H 645-2656 3
 NO #*SIERRA CLG UN STN 652-6196+4
 * 3 BUS 29 RES 12 NEW

SEC Brace Rd and Sierra College Blvd
SEC Brace Rd and Sierra College Blvd
Loomis, CA 95650

Inquiry Number: 4722099.4

September 08, 2016

EDR Historical Topo Map Report

with QuadMatch™



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

EDR Historical Topo Map Report

09/08/16

Site Name:

SEC Brace Rd and Sierra Colle
SEC Brace Rd and Sierra Colle
Loomis, CA 95650
EDR Inquiry # 4722099.4

Client Name:

Kleinfelder, Inc.
2 Ada, Suite 250
Irvine, CA 92618-0000
Contact: Karin Hagan



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Kleinfelder, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:**Coordinates:**

P.O.#	NA	Latitude:	38.809213 38° 48' 33" North
Project:	201720162	Longitude:	-121.203369 -121° 12' 12" West
		UTM Zone:	Zone 10 North
		UTM X Meters:	655995.90
		UTM Y Meters:	4297138.22
		Elevation:	335.81' above sea level

Maps Provided:

2012
1981
1967
1954
1944
1893
1892
1891

Disclaimer - Copyright and Trademark Notice

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

Copyright 2016 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Topo Sheet Key

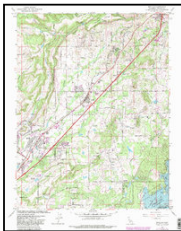
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



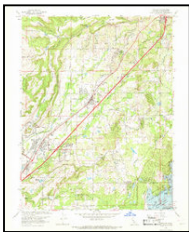
Rocklin
2012
7.5-minute, 24000

1981 Source Sheets



Rocklin
1981
7.5-minute, 24000
Photo Revised 1981
Aerial Photo Revised 1978

1967 Source Sheets



Rocklin
1967
7.5-minute, 24000
Aerial Photo Revised 1966

1954 Source Sheets



Rocklin
1954
7.5-minute, 24000
Aerial Photo Revised 1952

Topo Sheet Key

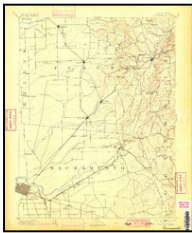
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1944 Source Sheets



Auburn
1944
15-minute, 62500

1893 Source Sheets



Sacramento
1893
30-minute, 125000

1892 Source Sheets

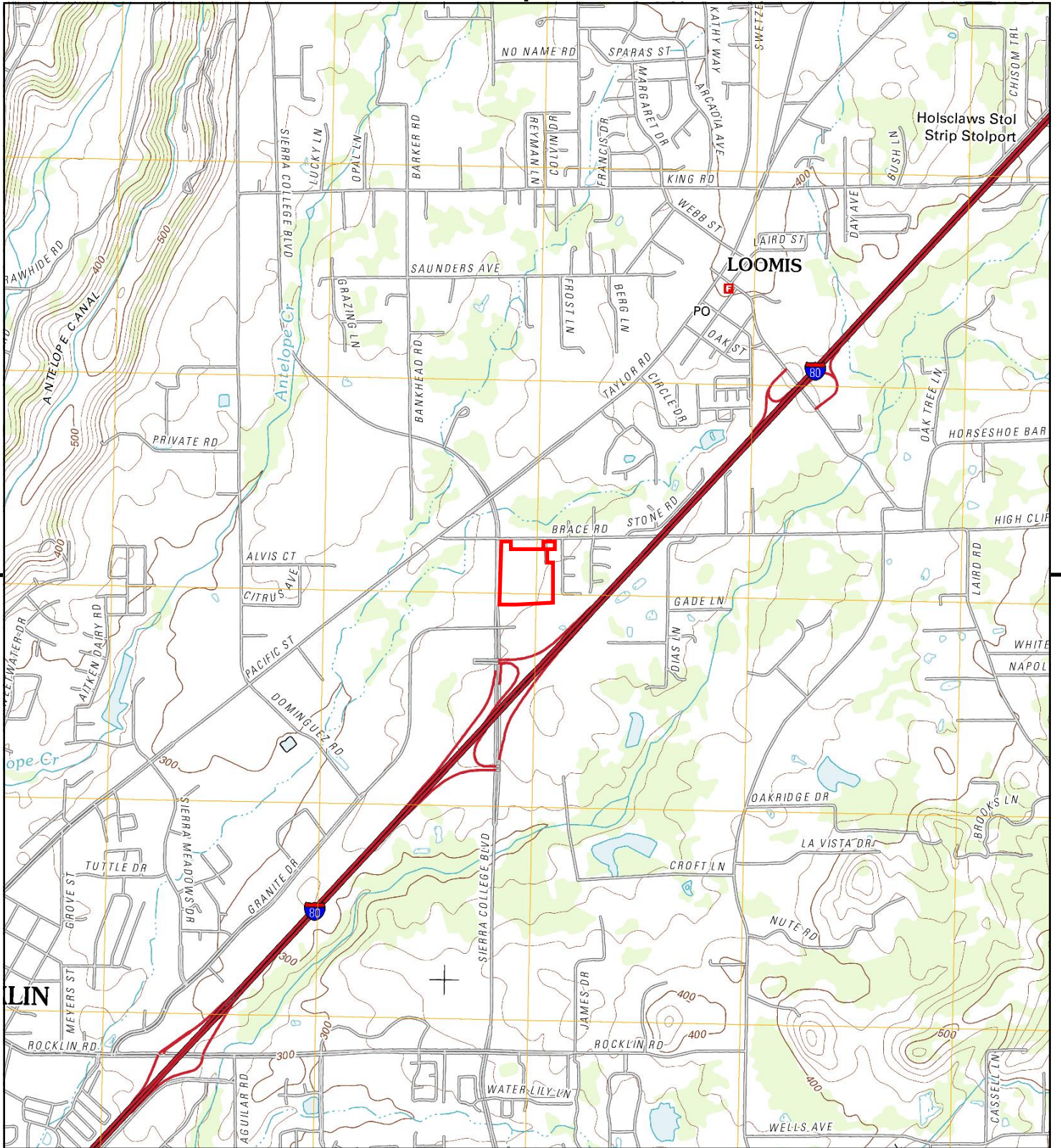


Sacramento
1892
30-minute, 125000

1891 Source Sheets



Sacramento
1891
30-minute, 125000



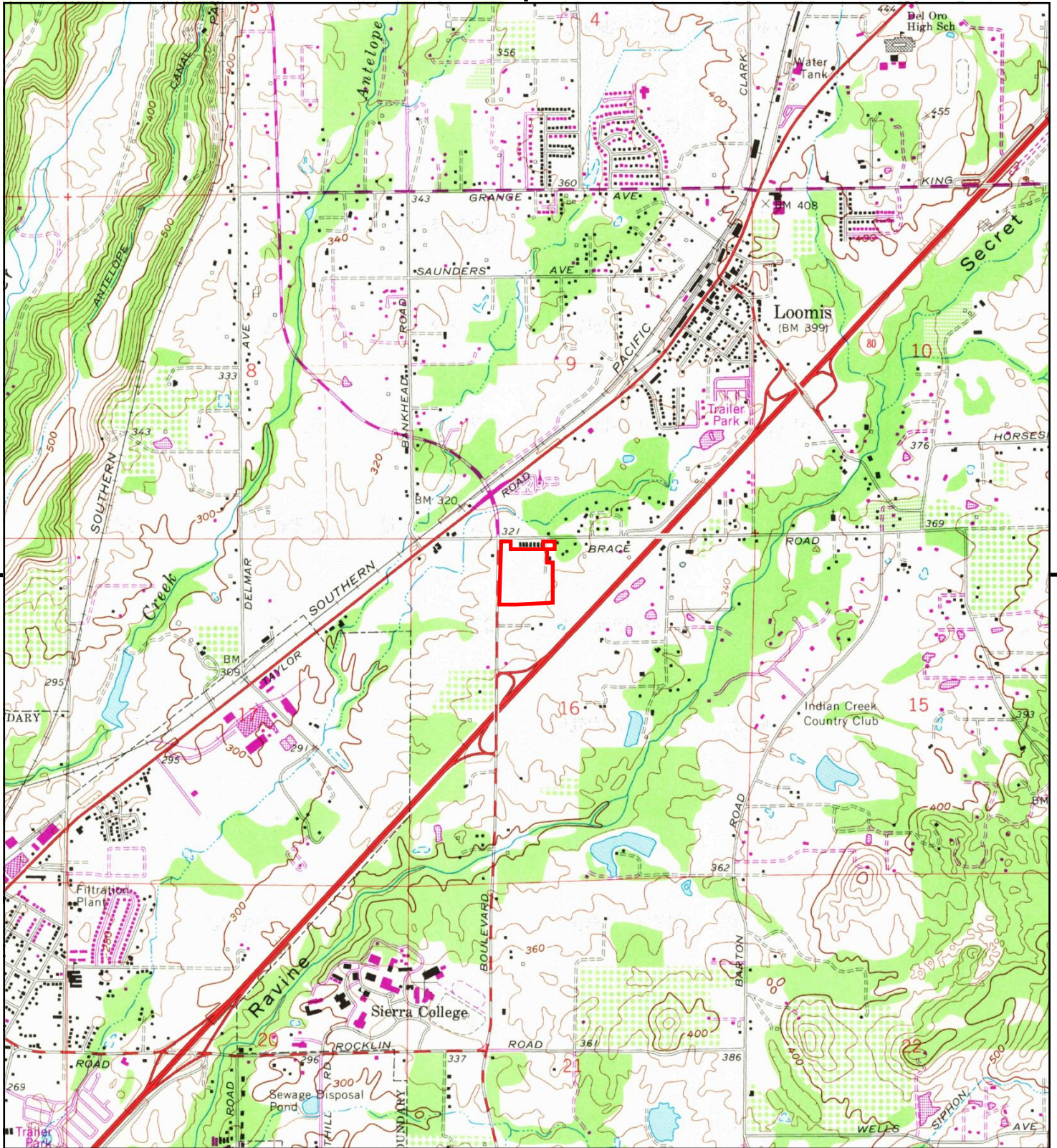
This report includes information from the following map sheet(s).



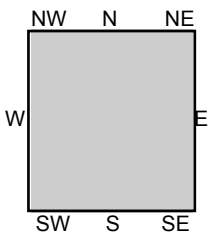
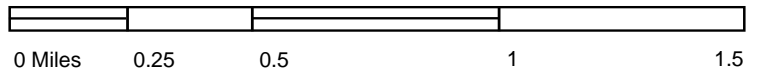
TP, Rocklin, 2012, 7.5-minute

SITE NAME: SEC Brace Rd and Sierra College Blvd
ADDRESS: SEC Brace Rd and Sierra College Blvd
 Loomis, CA 95650
CLIENT: Kleinfelder, Inc.





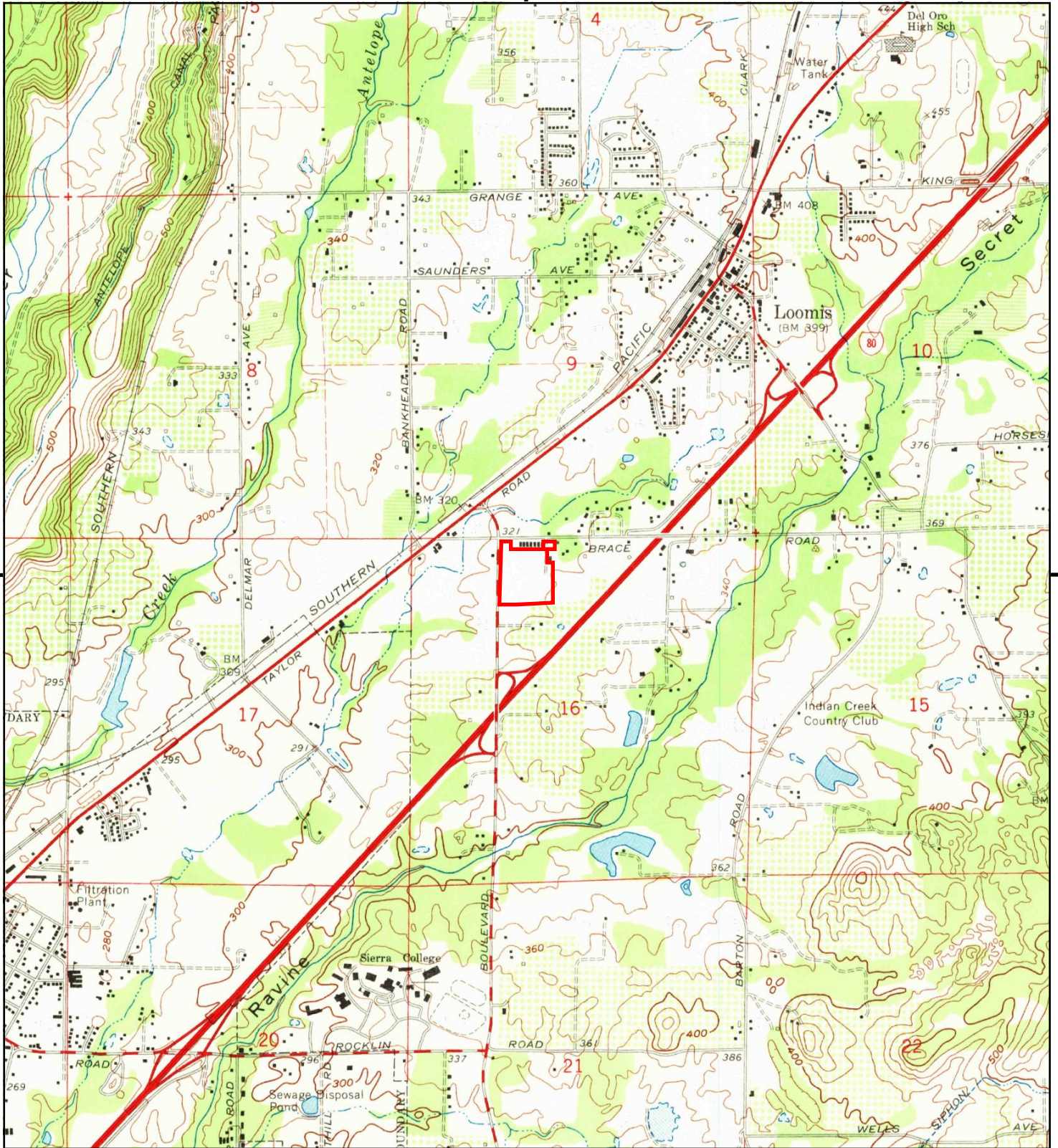
This report includes information from the following map sheet(s).



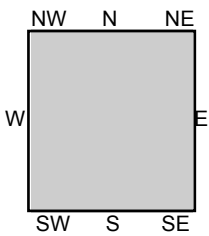
TP, Rocklin, 1981, 7.5-minute

SITE NAME: SEC Brace Rd and Sierra College Blvd
ADDRESS: SEC Brace Rd and Sierra College Blvd
 Loomis, CA 95650
CLIENT: Kleinfelder, Inc.





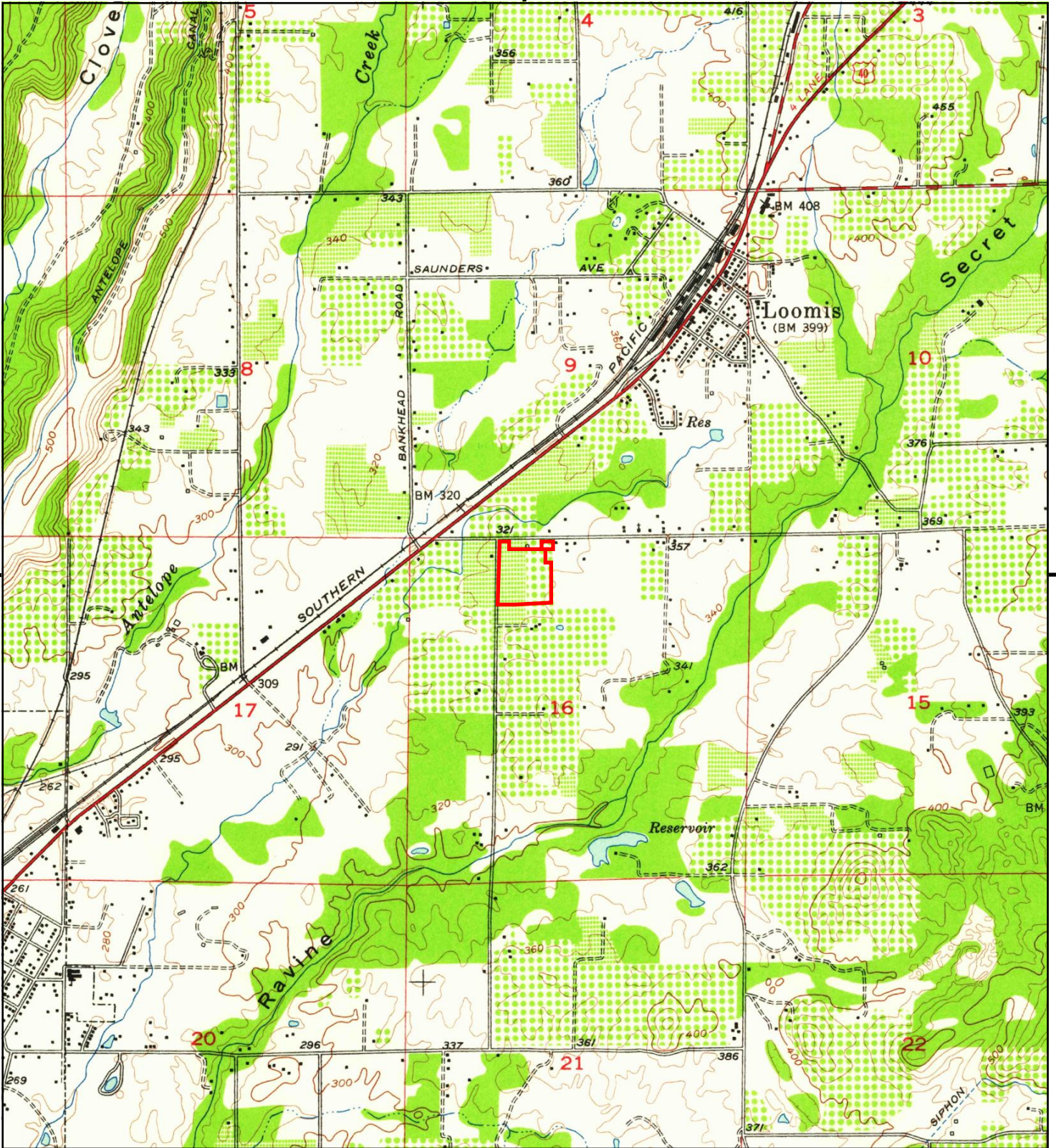
This report includes information from the following map sheet(s).



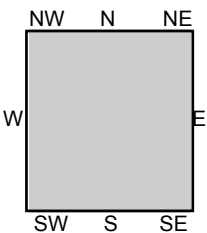
TP, Rocklin, 1967, 7.5-minute

SITE NAME: SEC Brace Rd and Sierra College Blvd
ADDRESS: SEC Brace Rd and Sierra College Blvd
 Loomis, CA 95650
CLIENT: Kleinfelder, Inc.





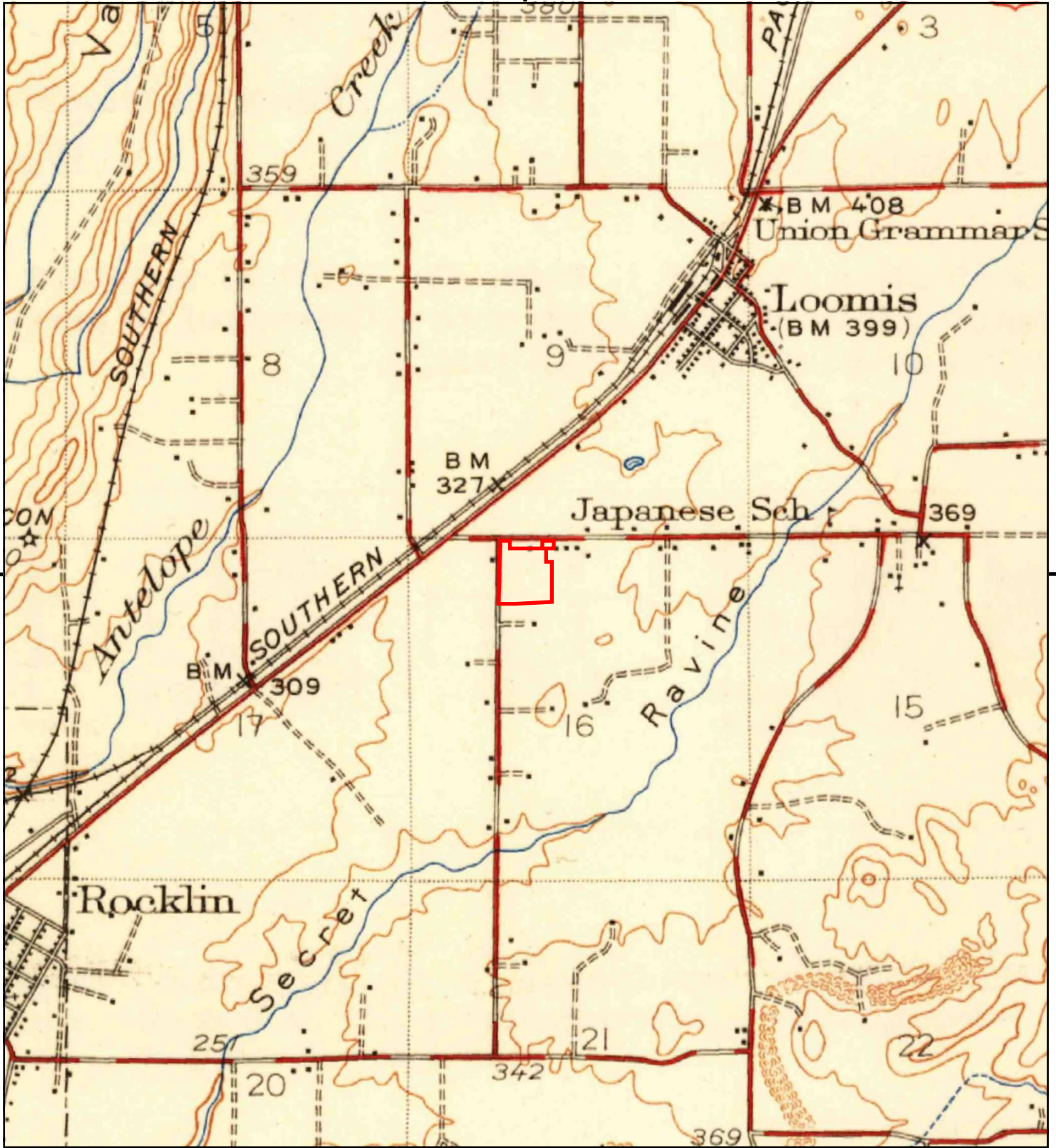
This report includes information from the following map sheet(s).



TP, Rocklin, 1954, 7.5-minute

SITE NAME: SEC Brace Rd and Sierra College Blvd
ADDRESS: SEC Brace Rd and Sierra College Blvd
 Loomis, CA 95650
CLIENT: Kleinfelder, Inc.





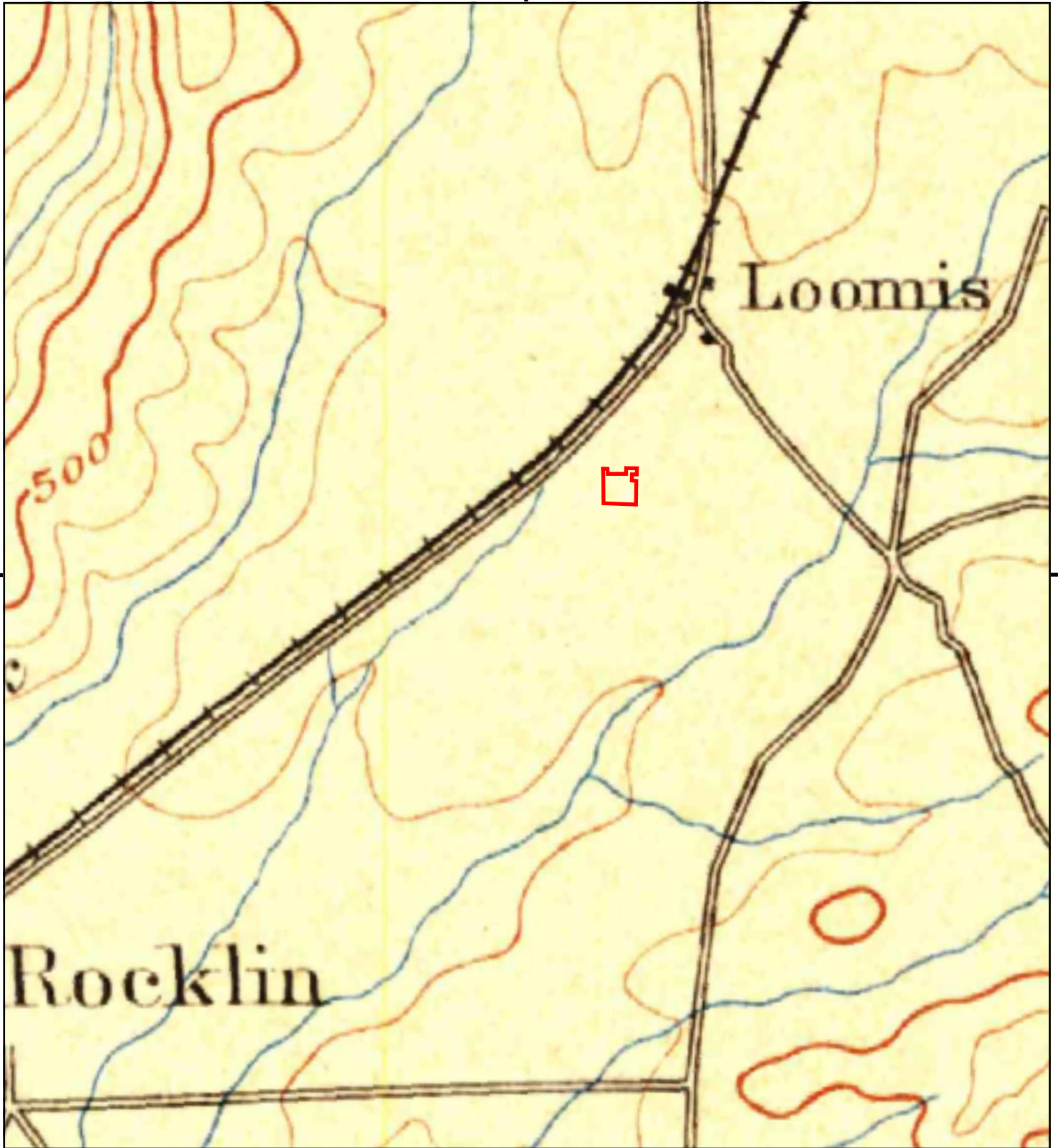
This report includes information from the following map sheet(s).



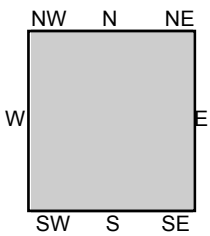
TP, Auburn, 1944, 15-minute

SITE NAME: SEC Brace Rd and Sierra College Blvd
 ADDRESS: SEC Brace Rd and Sierra College Blvd
 Loomis, CA 95650
 CLIENT: Kleinfelder, Inc.





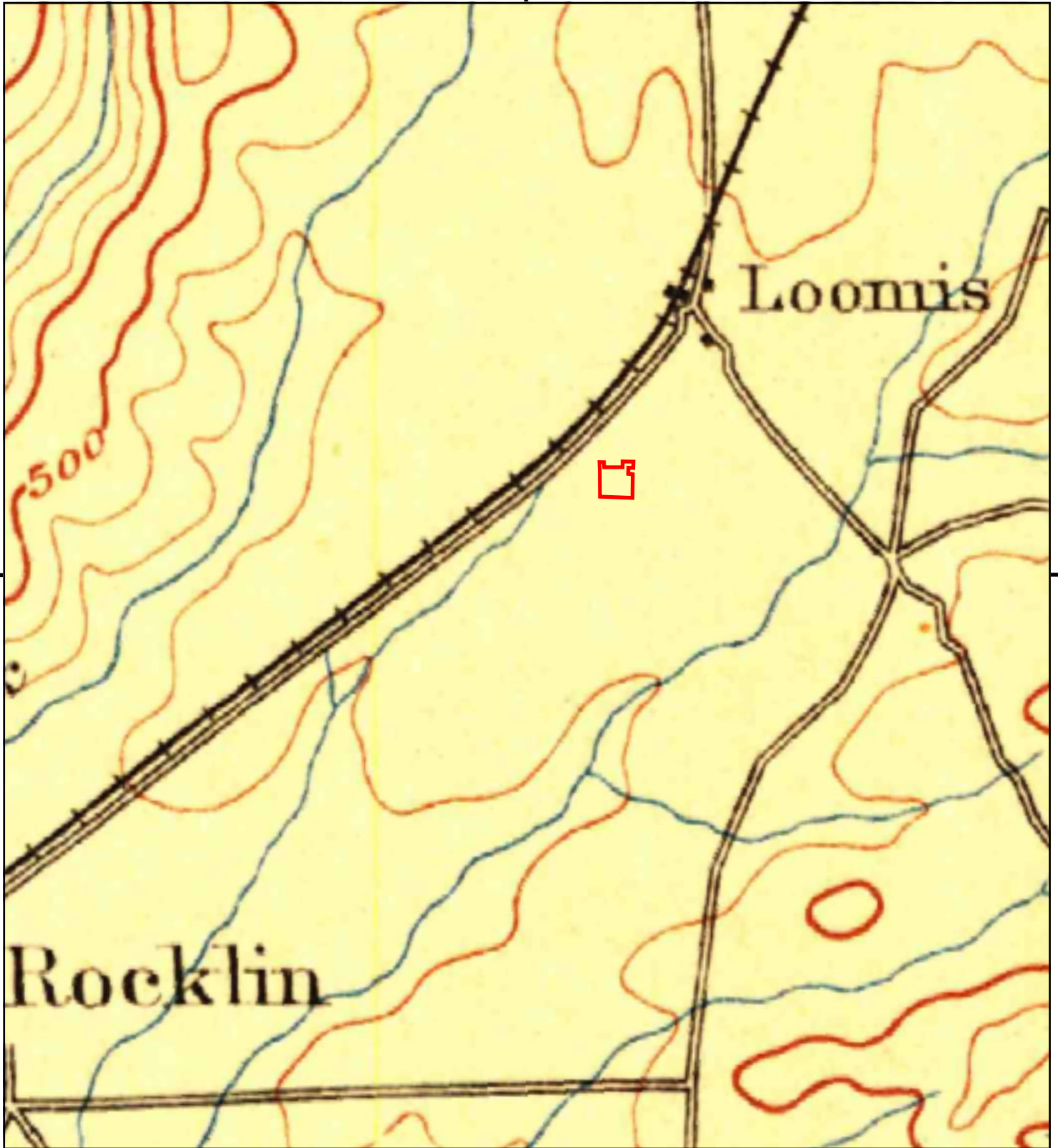
This report includes information from the following map sheet(s).



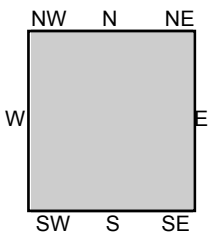
TP, Sacramento, 1893, 30-minute

SITE NAME: SEC Brace Rd and Sierra College Blvd
ADDRESS: SEC Brace Rd and Sierra College Blvd
Loomis, CA 95650
CLIENT: Kleinfelder, Inc.





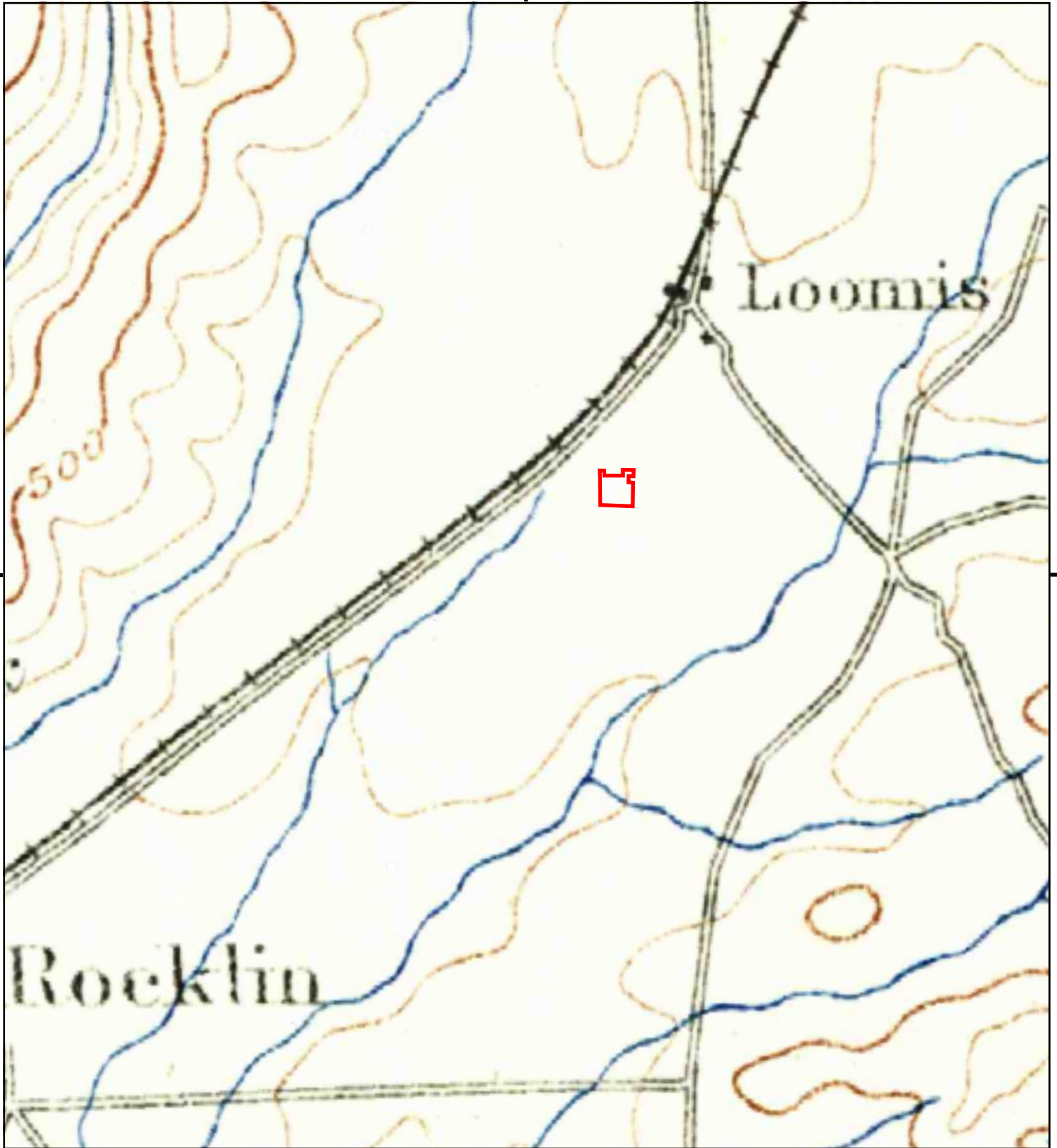
This report includes information from the following map sheet(s).



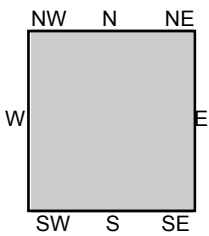
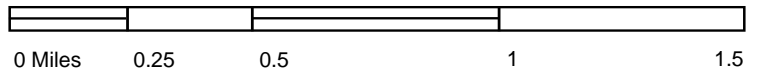
TP, Sacramento, 1892, 30-minute

SITE NAME: SEC Brace Rd and Sierra College Blvd
ADDRESS: SEC Brace Rd and Sierra College Blvd
Loomis, CA 95650
CLIENT: Kleinfelder, Inc.





This report includes information from the following map sheet(s).



TP, Sacramento, 1891, 30-minute

SITE NAME: SEC Brace Rd and Sierra College Blvd
ADDRESS: SEC Brace Rd and Sierra College Blvd
Loomis, CA 95650
CLIENT: Kleinfelder, Inc.



SEC Brace Rd and Sierra College Blvd

SEC Brace Rd and Sierra College Blvd
Loomis, CA 95650

Inquiry Number: 4722099.8
September 08, 2016

EDR Building Permit Report

Target Property and Adjoining Properties

EDR Building Permit Report: Search Documentation

9/08/16

Site Name:

SEC Brace Rd and
SEC Brace Rd and
Loomis, CA 95650

Client Name:

Kleinfelder, Inc.
2 Ada, Suite 250
Irvine, CA 92618-0000

EDR Inquiry # 4722099.8

Contact: Karin Hagan

Search Documentation

DATA GAP

The complete collection of Building Permit data available to EDR has been searched, and as of 9/08/16, EDR does not have access to building permits in the city where your target property is located (Loomis, CA).

Disclaimer - Copyright and Trademark Notice

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

Copyright 2011 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquiries (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.



APPENDIX E
RINCON CONSULTANTS INC. REPORT



Rincon Consultants, Inc.

1530 Monterey Street, Suite D
San Luis Obispo, California 93401

805 547 0900

FAX 547 0901

info@rinconconsultants.com
www.rinconconsultants.com

October 10, 2016
Rincon Project No. 16-03270

Margaret R. Carroll,
Project Professional
Kleinfelder
2 Ada, Suite 250
Irvine, CA 92618
Via e-mail: MCarroll@kleinfelder.com

Subject: Biological Resources Constraints Analysis for APNs 045-042-035-000, 045-042-034-000, 045-042-037-000 and 045-042-036-000 in the City of Loomis, Placer County, California

Dear Ms. Carroll:

Rincon Consultants, Inc. (Rincon) is pleased to submit to Kleinfelder this biological resources constraints analysis for the approximately 17-acre property located at the corner of Sierra College Boulevard and Brace Road in the City of Loomis, Placer County, California (Assessor's Parcel Numbers [APNs]: 045-042-035-000, 045-042-034-000, 045-042-037-000 and 045-042-036-000). This report documents the existing conditions of the proposed development area within these parcels (hereafter known as the "project site"), identifies sensitive biological resources that represent potential constraints to development of the project, and provides recommendations to address any potential constraints associated with such resources.

PROJECT LOCATION AND DESCRIPTION

The project site is located on the southeast corner of Sierra College Boulevard and Brace Road in the Town of Loomis, Placer County, California (Figure 1). A small portion of the project site includes a proposed driveway that is south of the Town limits, within Placer County. The site is approximately one quarter-mile north of Interstate 80 and about 25 miles northeast of the City of Sacramento. The parcel lies within the United States Geological Survey (USGS), *Rocklin, California* quadrangle (approximate center coordinates 38.809060°N, 121.204165°W, WGS 84) and within the Secret Ravine watershed (Hydrologic Unit Code Number 180201110101 – U.S. EPA, 2016) within the Dry Creek basin. Folsom Lake occurs about six miles to the southeast.

Land uses surrounding the project site consist of single residence homes and multiple residence apartments, commercial development, and undeveloped open space with vegetation communities similar to that which occurs on the project site (Photographs 1 and 2). The project site is bordered on the western side by a major surface street, Sierra College Boulevard (Photograph 3). The project site consists of oak woodland savannah, with groundcover



understory dominated by non-native grasses (Photographs 4 and 5). Open areas between trees are dominated by non-native annual grasses and some riparian vegetation occurs at the mouth of two culverts allowing water to drain from the project site under Sierra College Boulevard.

METHODOLOGY

This biological constraints analysis provides a desktop review and field reconnaissance survey to document the biological conditions of the project site and to provide information on the potential constraints to development of the project due to the presence of sensitive biological resources. Information on biological resources was compiled from a variety of publicly available sources including:

- Aerial maps,
- California Natural Diversity Database (CNDDDB) (CDFW 2016a),
- California Native Plant Society (CNPS) Rare and Endangered Plant Inventory (CNPS 2016),
- Biogeographic Information and Observation System (BIOS) (CDFW 2016b),
- Special Animals List (CDFW 2016c),
- Special Vascular Plants, Bryophytes, and Lichens List (CDFW 2016d)
- U.S. Fish and Wildlife Service (USFWS) Critical Habitat Portal (USFWS 2016a),
- USFWS Information for Planning and Conservation (IPaC) (USFWS 2016b),
- USFWS National Wetland Inventory (NWI) (USFWS 2016c),
- U.S. Geological Survey (USGS) National Hydrography Dataset (NHD) (USGS 2016), and
- Placer County online GIS data.

Finally, a review of the publicly available California Habitat Connectivity Project (CHCP) data, available as GIS layers in BIOS (CDFW 2016b), was conducted to determine if the study area overlays any potential wildlife movement corridors. The sources outlined above provide a fairly coarse desk top assessment of the biological conditions of the study area consistent with the high-level evaluation of potential constraints to development from sensitive biological resources.

Mr. Eric Schaad, Rincon Senior Biologist, conducted a reconnaissance-level field survey on September 19, 2016, between the hours of 1000 and 1130. Average temperatures were approximately 89 to 92 degrees Fahrenheit (°F), with less than ten percent cloud cover and winds of zero to two miles per hour. The purpose of the reconnaissance-level field survey was to document existing site conditions, and to evaluate the potential for the presence of sensitive plant communities, special status plant species, special status wildlife species, habitat for nesting birds, jurisdictional wetlands or other waters, riparian habitat, and other biological conditions that may present a constraint on the project. The field survey included visual inspection of the entire project site, during which Mr. Schaad recorded general site conditions and biological resources encountered.

The potential presence of special status species is based on the literature review and field



survey, which are intended to assess general habitat suitability within the project site only. Definitive surveys to confirm the presence or absence of special status species were not performed and are not included in this analysis. Definitive surveys for special status plant and wildlife species generally require specific survey protocols, extensive field survey time, and are required to be conducted at specific time periods. The findings and opinions included in this report are based exclusively on the above methodology.

EXISTING SITE CONDITIONS

Vegetation Communities and General Land Cover Types

The project site occurs in a region that consists of a patchwork of open, undeveloped space interspersed with urban and residential development. One sensitive vegetation community, Northern Volcanic Mudflow Vernal Pool (Holland code: 44132), is reported as occurring within two miles of the project site (CDFW 2016a); however, no evidence of this community type was detected during the reconnaissance survey. Evidence of regular disking is apparent throughout the project site and the majority of herbaceous vegetation on site is ruderal regrowth (Photograph 6). The project site generally consists of oak woodland savannah dominated by oak trees and non-native grasses and weedy forbs. In some instances, oak woodlands are considered sensitive vegetation communities and require additional impact avoidance and/or mitigation considerations. Trees occurring on the project site are a mix of old trees and young saplings. It appears disking was conducted in a manner that avoided damage to trees by avoiding root crowns. Tree species identified on site include:

- California foothill pine (*Pinus sabiniana*)
- California white oak (*Quercus lobata*)
- Interior live oak (*Quercus wislizeni*)
- Italian cypress (*Cupressus sempervirens*)
- White willow (*Salix alba*)
- Fremont cottonwood (*Populus fremontii*)

Grasses and forbs that were identifiable during the reconnaissance level survey consisted of bromes (*Bromus* spp.), wild oat (*Avena* sp.), mustard (*Brassica* sp.), and a single foothill poppy (*Eschscholzia caespitosa*). In general, given the seasonal timing of the survey, grasses and forbs were too dried and dead to be identifiable with certainty (note understory vegetation in photographs), and additional herbaceous species are likely present.

Potentially Jurisdictional Features

No wetlands or waters are identified to occur on the project site according to federal agency databases (USFWS 2016; USGS 2016). Topography varies by less than 15 feet throughout the project site with the lowest areas lying in the center and along on the southern edge of the project site. A low-lying swale runs through the center of the project site; however, no defined channel is currently apparent due to disking and no evidence of water flow was visible. Given surrounding development, no upstream channel exists and the project site could only receive



runoff flow from the streets of the adjacent residential neighborhood to the east. An outflow culvert allows flow off-site to the west under Sierra College Boulevard (Photograph 7).

A second channel occurs along the southern edge of the project site. This channel appears to have been created along with the commercial development adjacent to the south and provides drainage of runoff (Photograph 8). An outflow culvert also exists for this channel on the west side of the project site and running under Sierra College Boulevard. The culver is completely overgrown with vegetation and covered by a buildup of soil and debris. Some vegetation consistent with riparian vegetation community, namely, Fremont cottonwood and white willow, was identified in the southwest of the project site; however, its presence is most likely due to occasional runoff water from the adjacent commercial property and not necessarily the presence of riparian forest.

The region in which the project site occurs is known to support vernal pools (CDFW 2016a; USFWS 2016b). Further analysis is needed to determine if the project site could support vernal pools and vernal pool dependent species. A more detailed study of the soils and topography would be necessary to confirm this conclusion.

Wildlife Movement Corridors

The California Essential Habitat Connectivity project has not identified any wildlife movement corridors to occur on or in the vicinity of the project site (CDFW 2016b). Natural Landscape Blocks and Essential Connectivity Areas are identified well to the east and west, but are outside of the range of any potential project impacts. No Critical Habitat is present on the project site (USFWS 2016a, b)

Special Status Species and Migratory and Nesting Birds

The natural range of special status species of State and federal concern overlaps the region of the study area. Resource agency databases report 31 special status plant species and 12 special status wildlife species with the potential to occur on or within two miles of the project site (CDFW 2016a; CNPS 2016; USFWS 2016b). Of these special status species, nine are State and/or federally listed, including but not limited to, vernal pool fairy shrimp (*Branchinecta lynchi*), vernal pool tadpole shrimp (*Lepidurus packardi*), Valley elderberry longhorn beetle (*Desmocerus californicus dimorphus*), California red-legged frog (*Rana draytonii*), and giant garter snake (*Thamnophis gigas*). Non-listed special status species such as purple martin (*Progne subis*), and white-tailed kite (*Elanus leucurus*) are also reported from the vicinity.

Migratory birds, covered under the Migratory Bird Treaty Act (MBTA), are known to occur and nest in the region of the study area. During the reconnaissance -level survey, a red-shouldered hawk (*Buteo lineatus*) was observed alighting in an oak tree in the center of the project site. Acorn woodpeckers (*Melanerpes formicivorus*) were also observed in abundance. One single, cup-style, stick nest consistent with small raptor species was observed in a large oak tree in the center of the project site (see Figure 1). Suitable nesting habitat is present for a variety of native birds.



REGULATORY SETTING

State and federal resource agencies regulate sensitive biological and waters resources through various laws, policies, and acts. The following is a list of the primary regulations governing impacts to sensitive biological resources that could occur within the study area:

- National Environmental Policy Act (42 U.S. Code [USC], § 4321 et seq.)
- Federal Endangered Species Act (16 USC, § 1531 - 1544)
- Migratory Bird Treaty Act (16 USC § 703 - 711)
- Federal Clean Water Act (33 USC § 1251 - 1376)
- California Environmental Quality Act (Title 14, CA Code of Regulations [CCR] § 753)
- California Endangered Species Act (Fish and Game Code [FGC] § 2050 et seq.)
- Porter-Cologne Water Quality Control Act (Water Code Division 7 and Related Sections)
- Fully Protected Species (FGC § 3511; 4700; 5050; 5515)
- Raptors, migratory birds, and non-game birds (FGC § 3503, 3503.5, 3513, 3800)
- Lake and Streambed Alteration Agreement (LSAA) (FGC § 1600 - 1616)
- Native Plant Protection Act (FGC § 1900 - 1913)

POTENTIAL CONSTRAINTS

Potential Impacts to Special Status Species, and Migratory and Nesting Birds

All 31 of the special status plant species identified from within two miles of the project site have a moderate to high potential to occur, although regular disking that occurs on the site greatly reduces the likelihood that any of these plant species are or will become present. Focused protocol botanical surveys, conducted during the appropriate blooming period, would be necessary to determine presence or absence of plant species with any certainty.

Twelve special status wildlife species are identified from within two miles of the project site. Of these 12 species, only purple martin and white-tailed kite have a moderate to high potential for occurrence based on current site conditions. Further analysis is needed to determine if the project site could support vernal pools and if, therefore, any vernal pool dependent species may potentially occur.

The presence of numerous, large trees presents a high possibility for nesting birds to become present on the project site during the nesting season, generally February through August. Any cutting of trees and clearing of vegetation could impact nesting birds. Prior to any tree cutting or vegetation clearing, a nesting bird survey should be conducted by a qualified biologist experienced in bird species identification and behavior to ensure nesting birds are not present.

Development of the project site generally presents a very low risk to many of the special status species known to occur in the region of the project site due to the disturbed condition of the ground and herbaceous vegetation. The site does present a high potential for nesting birds to be present. If special status species become present in areas proposed for ground disturbance or construction, they could be killed, injured, or indirectly impacted through habitat modification



as a result of project activities. Pre-construction biological surveys, and possibly focused protocol surveys, and the completion of a full biological resources assessment would be necessary to determine the potential for these species to occur within the study area and to evaluate the extent of potential impacts to these species. Recommendations for species- and project-specific mitigation would be based on the results of further analyses.

Potential Impacts to Sensitive Natural Communities

Based on review of aerial imagery, available mapping data, and the reconnaissance-level survey, oak woodland is the only potential sensitive natural communities occurring on the project site. A more detailed study is necessary to determine if soil, topographic, and hydrologic conditions exist that could support vernal pools. Based on the current analysis, no impacts to Sensitive Natural Communities are anticipated to occur as a result of development of the project. If determined to occur through further analysis, any loss of Sensitive Natural Communities may need to be mitigated through restoration of vegetation communities on or off site, or through acquisition of lands that possess similar or better quality vegetation communities to be preserved in perpetuity.

Potential Impacts to Jurisdictional Waters and Streambeds

Based on review of aerial imagery, online data, and the reconnaissance survey, regulated aquatic resources subject to the permitting authority of the United States Army Corps of Engineers (USACE) and/or the Regional Water Quality Control Board (RWQCB) may occur on the project site. Surface wetland or water features, including riparian vegetation community, subject to the authority of the CDFW may also be present. More detailed analysis is needed to make a determination of potential agency jurisdiction over the low-lying areas and associated vegetation occurring on the project site. Agency jurisdiction is dependent on a number of physical factors, and a formal jurisdictional delineation is recommended. Preparation of a jurisdictional delineation report followed by consultation with the regulatory agencies is necessary to obtain a determination of no jurisdiction. Based on the findings of the recommended delineation, permitting for impacts to wetlands and waters may be necessary through FGC Section 1602, Clean Water Act sections 401 and 404, and/or the Porter-Cologne Water Quality Control Act.

Potential Impacts to Wildlife Movement and Habitat Connectivity

As discussed above, the study area does not lie within any identified Essential Connectivity Area of Natural Landscape Block. Development of the project is not likely to result in the disruption of wildlife movement. Existing residential and commercial development are present on two sides of the site, with I-80 less than 1000 feet to the southeast and a major roadway to the west. These existing developments and transportation features already greatly restrict movement of wildlife to and through the site. Project design measures to enhance wildlife movement around the project may be recommended and could potentially be required by State and federal agencies, if permits or take authorizations are required.

Consistency with Local Biological Policies and Ordinances

The Placer County Tree Preservation Ordinance (Placer County Code, Article 12.16) restricts the cutting of native oak and other trees. Coordination and cooperation with the County may be



required and permits for tree removal may need to be obtained. The Town of Loomis has a Tree Conservation Ordinance (Ordinance No. 252) that restricts the cutting of protected trees or any other activity that could result in the long-term, permanent harm of a protected tree without a permit issued by the Town Manager. Project development activities would need to be reviewed to ensure that they are not in conflict with tree preservation ordinances. No inconsistencies with applicable policies protecting biological resources have been identified.

Consistency with Habitat Conservation Plans

A federal Section 10 habitat conservation plan (HCP) and State Natural Communities Conservation Plan (NCCP) is in development for Placer County and covers the area encompassed by the project site. Known as the Placer County Conservation Plan (PCCP), the goal of the plan is to balance development in Placer County with preservation of open, natural space. A detailed review the PCCP should be conducted to ensure that development of the project is not in conflict with future goals and objectives outlined in the plan.

CONCLUSIONS

The purpose of this report is to provide a general perspective on potential biological constraints to the development of the Loomis Costco project. The approximately 17-acre project site consists of oak woodland savanna dominated by California white oak, interior live oak, and non-native grasses and forbs. Some riparian vegetation was observed where two low-lying swales occur on site and lead to drainage culverts that pass under Sierra College Boulevard. The site has been disked and herbaceous vegetation is primary ruderal. No sign of special status wildlife was present, however, one nest consistent with small raptor species was observed toward the top of an oak tree. A red-shouldered hawk was observed landing in an oak tree during the reconnaissance survey and the site provides ample opportunity for nesting birds. The potential exists for the project to result in impacts to special status plants, nesting birds, and wetlands and waters. Based on existing site conditions, Rincon recommends further analysis during appropriate seasonal timing to conduct botanical surveys, nesting bird surveys, and a jurisdictional delineation.

Sincerely,
RINCON CONSULTANTS, INC.

Eric W. Schaad
Senior Biologist

Colby J. Boggs, MS
Principal / Senior Ecologist

Attachments:

1. *References*
2. *Figure 1 – Project Site and Biological Resources*
3. *Photoplates*



REFERENCES

- California Department of Fish and Wildlife (CDFW). 2016a. California Natural Diversity Database (CNDDDB) RareFind 5. <https://www.wildlife.ca.gov/Data/CNDDDB/Maps-and-Data>. Accessed September 2016.
- _____. 2016b. Biogeographic Information and Observation System (BIOS). <https://www.wildlife.ca.gov/Data/BIOS>. Accessed September 2016.
- _____. 2016c. Natural Diversity Database, Special Animal List. Periodic Publication. July 2016. 51pp.
- _____. 2016d. Natural Diversity Database, Special Vascular Plants, Bryophytes, and Lichens List. Periodic Publication. July 2016. 126 pp.
- CNPS, Rare Plant Program. 2016. Inventory of Rare and Endangered Plants (online edition, v8-02). California Native Plant Society, Sacramento, CA. Website <http://www.rareplants.cnps.org> [accessed 12 September 2016].
- County of Placer. 2016. Placer County Open GIS Data: Environment. <http://gis.placercounty.opendata.arcgis.com/datasets?t=environment>. Accessed September 2016.
- _____. 2016. Placer County Conservation Plan. <http://www.placer.ca.gov/Departments/CommunityDevelopment/planning/PCCP.aspx>
- U.S. Fish and Wildlife Service (USFWS). 2016a. Environmental Conservation Online System, Critical Habitat. <http://ecos.fws.gov/ecp0/profile/speciesProfile.action?sPCODE=Q271#crithab>. Accessed September 2016.
- _____. 2016b. Information for Planning and Conservation (IPaC). <https://ecos.fws.gov/ipac/>. Accessed September 2016.
- _____. 2016c. National Wetlands Inventory (NWI). Wetland Mapper V2. <https://www.fws.gov/wetlands/Data/Mapper.html>. Accessed September 2016.



Imagery provided by Google and its licensors © 2016.

Project Site and Biological Resources

Figure 1

Kleinfelder, Inc.

SITE PHOTOGRAPHS



Photograph 1: Small apartment complex to the north of the Project site.
View facing north.



Photograph 2: Open space with commercial development in background,
to the south of the Project site. View facing south.



Photograph 3: Sierra College Boulevard on the west side of the Project site with commercial development in background to the top right. View facing northwest.



Photograph 4: View of Project site facing northeast showing oak woodland savannah.



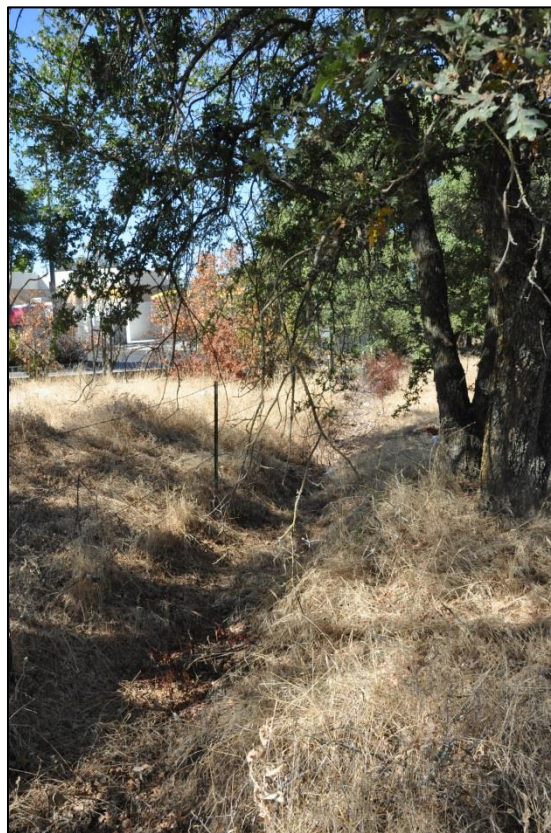
Photograph 5: View of Project site facing southwest showing oak woodland savannah.



Photograph 6: View of Project site facing west showing disking earth and ruderal vegetation regrowth.



Photograph 7: Culvert from swale in center of Project site allowing flow of water off the Project site to the west under Sierra College Blvd.



Photograph 8: Channel on south side of Project site. View facing west.

Phase II Environmental Site Assessment



March 19, 2018
Kleinfelder Project No.: 20172062.001A

Costco Wholesale
9 Corporate Park, Suite 230
Irvine, California 92606

Attention: Mr. Michael Okuma

**SUBJECT: Supplemental Phase II Environmental Site Assessment
Proposed Costco Wholesale Warehouse and Fuel Facility
Southeast Corner of Brace Road and Sierra College Boulevard
Loomis, Placer County, California
CW#: 16-0132**

Dear Mr. Okuma:

Kleinfelder is pleased to provide Costco Wholesale Corporation (Costco) this report of a Supplemental Phase II Environmental Site Assessment (ESA) of the site of a proposed Costco Wholesale warehouse and fuel facility, located at the southeast corner of Brace Road and Sierra College Boulevard (the Site) in the City in Loomis, Placer County, California (Figure 1). The Supplemental Phase II ESA was performed to further assess concentrations of lead and arsenic in soils, and diesel-range extractable petroleum hydrocarbons (TPH-d) in groundwater, which were previously identified in samples collected by Kleinfelder during April and May 2017.

In summary, the Supplemental Phase II ESA results indicate elevated arsenic and lead concentrations are present in shallow soil across much of the Site, and may have resulted from application of lead arsenate pesticide during former Site use as an orchard. Kleinfelder recommends coordination with a regulatory agency to develop a mitigation strategy appropriate for intended Site use. Groundwater sampling results indicate diesel-range TPH was not present at a concentration at or above its laboratory reporting limit, so no further groundwater assessment is recommended.

The following sections provide a Site description and background information and discuss the Supplemental Phase II ESA methodology and analytical results of its soil and groundwater samples, which were collected at the Site by Kleinfelder during December 2017 and January 2018.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The Site consists of 17.2-acres of undeveloped land located southeast of the intersection of Brace Road and Sierra College Boulevard in the City of Loomis, California. Costco is planning to construct a Costco Warehouse with fuel facility at the Site, and initially requested Kleinfelder to perform a Phase I ESA of the Site. Kleinfelder performed the Phase I ESA, which identified recognized environmental conditions including former use of the Site as an orchard and the presence of a retail gasoline station on the property adjoining to the south of the Site. Costco

then requested Kleinfelder to perform a Limited Phase II ESA of the Site to address findings of the Phase I ESA and collect baseline environmental data before Site redevelopment.

The Limited Phase II ESA field activities occurred in April and May, 2017, and are discussed in further detail in Kleinfelder's report issued to Costco during August 2017.¹ The Phase II ESA included collection of soil, groundwater and soil vapor samples that were analyzed by a subcontracted laboratory. Kleinfelder compared the soil analytical results to soil "Tier 1" Environmental Screening Levels (ESLs) issued by the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB). The "Tier 1" ESLs were designed to protect properties with unrestricted land and water use, addressing media including soil, groundwater, and soil vapor, along with a range of concerns including direct exposure human health risks, impact to drinking water, vapor intrusion, and impact to aquatic life. Use of the Tier 1 ESLs applies the most conservative ESL for each considered constituent of concern. Soil analytical results were also compared to human-health risk-based screening levels for residential and commercial/industrial soil recommended in the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC), Office of Human and Ecological Risk (HERO) Human Health Risk Assessment (HHRA) Note Number (No.) 3, for analytes having such values. For those analytes without published DTSC-SLs, Kleinfelder compared the measured concentrations to the US EPA's Regional Screening Levels (RSLs) for residential and industrial soil (for Hazard Quotient of 1.0). Groundwater analytical results were compared to groundwater Tier 1 ESLs. A summary of the findings of the Limited Phase II ESA follows:

- Organochlorine pesticides (OCPs) were either not present in the soil samples at concentrations at or above laboratory reporting limits or their measured concentrations did not exceed respective soil ESLs, DTSC-SLs, and RSLs (as applicable).
- TPH and VOCs were either not present in the soil samples at concentrations at or above laboratory reporting limits or their measured concentrations did not exceed respective soil ESLs, DTSC-SLs, and RSLs (as applicable).
- Arsenic was present in many Site soil samples, with the concentrations of shallow soil from several locations exceeding the soil "Tier 1" arsenic ESL and the arsenic DTSC-SLs for residential and commercial/industrial soil. It has been acknowledged by regulatory agencies, including the DTSC, that background concentrations of arsenic in California soils commonly exceed established arsenic human-health risk-based screening levels. The arsenic concentrations of surface and near-surface soil samples collected at the Site are most variable, whereas the concentrations tend to be generally lower in deeper soil samples. Maximum arsenic concentrations did not exceed the arsenic Total Threshold Limit Concentration (TTLC) that is one characteristic of a California-hazardous waste. Further vertical and horizontal assessment for arsenic in soil was recommended.
- Lead concentrations in two shallow soil samples exceeded the Tier 1 lead ESL and the lead residential soil DTSC-SL; however, they did not exceed the DTSC-SL for commercial/industrial soil. Four lead concentrations also exceeded 10 times the lead Soluble Threshold Limit Concentration (STLC) of 5 mg/L. One of these samples was further analyzed for soluble lead using the waste extraction test (WET) procedure

¹ Kleinfelder, 2017. Letter report with subject "Limited Phase II Environmental Site Assessment, Proposed Costco Wholesale Warehouse and Fuel Facility, Southeast Corner of Brace Road and Sierra College Boulevard, Loomis, Placer County, California, CW#: 16-0132." August 30.

discussed in California Code of Regulations (CCR) Title 22 Appendix II. The result did not exceed the STLC.

- Except for cobalt, concentrations of the various other metals present in the soil samples were below their respective human health risk-based screening levels. One soil sample, collected from 7 feet below ground surface (bgs), contained a cobalt concentration exceeding the cobalt human health risk-based screening levels. The chromium concentration of the same sample exceeded 10 times the chromium STLC. The elevated cobalt and chromium concentrations in this sample may be from native minerals present in the Site region that are associated with the decomposed granite beneath the Site vicinity. Reported concentrations of each metal present (including arsenic) were below their respective threshold values for Federal and California hazardous waste.
- Groundwater analytical results indicated TPH-d was present at a concentration above the diesel ESL.
- VOC groundwater analytical results indicated VOCs were not present in the samples at concentrations at or above their respective reporting limit.
- Soil vapor analytical results indicated VOCs were not present in the samples at concentrations at or above their respective reporting limits.

As requested by Costco, Kleinfelder has performed this Supplemental Phase II Environmental Site Assessment to further assess concentrations of lead and arsenic in soil, and TPH-d in groundwater. The assessment is discussed in detail in the following section.

SUPPLEMENTAL PHASE II ESA SCOPE OF SERVICES

Health and Safety Plan Preparation

Prior to initiation of field activities, Kleinfelder updated its Site-Specific Health and Safety Plan (HSP) containing information regarding potential chemical and physical hazards, monitoring equipment, and contingency plans for emergencies during the field activities. The HSP was based on the general knowledge of chemical characteristics of materials reportedly present on the Site. Based on the proposed field services and probable environmental conditions, it was assumed that Level D Protection (personal protective equipment including gloves, steel-toe rubber boots, hard hat, and eye protection) would be adequate for performing the field activities described herein. An upgrade was not required during the field work.

Permit Procurement

Prior to initiation of field activities, and on Costco's behalf, Kleinfelder obtained the permit required for well installation activities from Placer County Department of Health and Human Services, Environmental Health Services. The well permit (copy attached) was issued on December 7, 2017.

Bore Location Marking and Geophysical Utility Clearance and Survey

Kleinfelder and its utility locating subcontractor, Ground Penetrating Radar Systems, Inc., marked the bore locations and buried utility lines in proximity to them on December 7, 2017. In addition, and as required by State of California law, Underground Service Alert of Northern/Central California and Nevada (USA North) was notified, on December 4, 2017.

Soil Sampling

The limited soil sampling activities initially included advancement of 35 bores (designated Bores SB-01 through SB-35), each to an approximate total depth of 3 feet bgs, and collecting soil samples from the bores. Based on laboratory results of the collected samples, 23 additional bores (designated Bores SB-36 through SB-60) were proposed, to laterally assess the extent of impact in several areas where elevated lead and arsenic concentrations appeared to be present. Bore advancement and soil sampling activities at these additional locations, each to an approximate total depth of 3.5 feet bgs, were performed on December 7, 8, and 15, 2017, and January 24 and 25, 2018.

Each bore was advanced using a hand auger or direct-push drilling rig. After completion of soil sampling, the bore was backfilled with neat cement grout, and the surface was patched using soil from the immediately surrounding area.

The soil samples were collected from the hand auger bucket, and promptly transferred into laboratory-provided, 4-ounce glass jars. After a jar was filled with soil, it was capped with its lid, labeled with pertinent sampling information, and placed into an ice-chilled cooler for temporary storage until delivered to the analytical laboratory.

Kleinfelder field staff, under the supervision of a State of California-registered Professional Geologist, observed the sampled soils, logged them consistent with Unified Soils Classification System visual-manual methods specified in ASTM International's Designation D 2488, and prepared field lithologic logs of the soils encountered during the drilling activities.

Groundwater Sampling Activities

On December 15, 2017, in an effort to perform "grab" groundwater sampling in the southern portion of the Site where the fuel facility is to be constructed, three bores (designated Bores GW-1 through GW-3) were advanced at the Site using the drilling subcontractor's track-mounted, direct-push drilling rig. Bore GW-1 was advanced to an approximate depth of 18 feet bgs, at which it encountered refusal, and Bores GW-2 and GW-3 encountered refusal at approximately 6 feet bgs. The driller temporarily placed 1-inch diameter polyvinyl chloride (PVC) casing with slotted PVC well screen at the bottom in each bore, and allowed time for groundwater to enter the bore. At the end of the field day, no groundwater was evident. Pursuant to Placer County requirements, the three bores were abandoned by backfilling with cement grout, and each location was capped with soil from the immediately surrounding area.

On January 24, 2018, Kleinfelder returned to the Site with the drilling subcontractor and its track-mounted drilling rig equipped with hollow stem augers, and the rig was used to drill a new bore adjacent to the location of each bore advanced on December 15, 2017. Bore GW-1 was drilled to an approximate depth of 18.5 feet bgs, at which it encountered refusal caused by apparent bedrock. A 2-inch diameter PVC well was constructed in the bore using 5 feet of well screen containing machine-cut, 0.010-wide slots, and blank casing above it. The screen was placed from 18.5 feet to 13.5 feet bgs. Monterey 2/20 sand filter pack was then placed into the annulus around the casing, from the bottom of the bore to approximately 11.5 feet bgs, bentonite chips were placed above that to approximately 9.5 feet bgs, and neat cement grout was placed above that nearly to the ground surface. A 6-inch diameter well vault was placed in cement at the surface, to prevent unauthorized access to the well.

Bore GW-2 was drilled to a depth of approximately 11 feet bgs, at which it encountered refusal on apparent bedrock. A 2-inch diameter PVC well was constructed in the bore, similar to Well GW-1, except Well GW-2's screen interval is set from approximately 11 feet to 6 feet bgs, the top of its sand filter pack is at approximately 5 feet bgs, and its bentonite chips extend to approximately 4 feet bgs.

Bore GW-3 was drilled to a depth of approximately 10.5 feet bgs, at which it encountered refusal on apparent bedrock. As with the other two bores, a 2-inch diameter PVC well was constructed, except its screen interval is set from approximately 10.5 feet to 5.5 feet bgs, the top of its sand filter pack is at approximately 4.5 feet bgs, and its bentonite chips extend to approximately 3.5 feet bgs.

On January 25, 2018, prior to purging and sampling a given well, the groundwater level in the well and its total depth were gauged, and then the well was developed, purged, and sampled. The groundwater volume purged from each of Wells GW-1 and GW-3 was approximately 5.3 gallons, equivalent to approximately 3.3 saturated well casing volumes for Well GW-1 and 4.7 saturated well casing volumes for Well GW-3. The volume purged from Well GW-2 was approximately 3.2 gallons, equivalent to approximately 2.4 saturated well casing volumes. A few hours after purging, groundwater was sampled using a peristaltic pump. The samples were collected in laboratory-provided containers. Copies of completed Groundwater Sampling Data Sheets documenting the monitoring and purging are attached.

Laboratory Analyses

Soil Samples. The soil samples were submitted to a subcontracted California Environmental Laboratory Accreditation Program-accredited laboratory, California Laboratory Services (CLS), for analysis of arsenic and lead using US EPA Method 6010B. In addition, if a reported concentration of an individual metal in a given sample exceeded 10 times its California Title 22 Soluble Threshold Limit Concentration (STLC), the sample was analyzed for the soluble metal using the California Waste Extraction Test and US EPA Method 6010B. Based on their total lead concentrations, 16 samples were analyzed for soluble lead in this manner.

Groundwater Samples. The three groundwater samples collected from Wells GW-1 through GW-3 were submitted to CLS for analysis of TPH-d using US EPA Method 8015B.

FIELD OBSERVATIONS AND ANALYTICAL RESULTS

Field Observations

Subsurface soil at the Site was observed to consist of silty sand and silty clayey sand, underlain by poorly-graded sand. The soil samples collected emitted no noticeable hydrocarbon or other chemical odor, nor did they contain obvious indications suggestive of potential contamination, such as hydrocarbon like or other chemical-like staining.

Groundwater was not encountered in the shallow bores used for the arsenic and lead sampling, nor in initial Bore GW-1 that was advanced to an approximate depth of 18 feet bgs during the December 15, 2017 "grab" groundwater sampling effort. On January 24, 2018, groundwater was encountered in Bores GW-1, GW-2 and GW-1 at respective depths of 14 feet, 11 feet, and 6 feet bgs. On January 25, 2018, the respective measured groundwater depths in Wells GW-1 through GW-3 (prior to their development, purging, and sampling) were 8.78 feet, 3.25 feet,

and 3.63 feet below the given well's top-of-casing reference point. In each well, the groundwater surface measured on January 25, 2018 was above the top of its screen interval, by distances ranging from approximately 2 feet to 5 feet depending on the given well.

Soil Sampling Analytical Results

Analytical results of the soil samples are summarized as follows:

- As indicated in Table 1, 91 discrete shallow soil samples (of which 56 were collected from approximately 0.5 foot bgs and 35 from approximately 3 feet bgs) were analyzed for arsenic and lead. Arsenic was present at a concentration at or above its laboratory reporting limit in 67 samples (including 53 samples from 0.5 foot bgs and 14 samples from 3 feet bgs), with reported concentrations ranging from 1.0 mg/kg to 31 mg/kg. Sample SB-09-0.5, collected from an approximate depth of 0.5 foot at Location SB-09, contained the highest reported arsenic concentration.
- Lead was present at a concentration at or above its reporting limit in 74 of the 91 samples (including each sample from 0.5 foot bgs and 18 samples from 3 feet bgs), with reported concentrations ranging from 2.6 mg/kg to 160 mg/kg. Sample SB-09-0.5 also contained the highest reported lead concentration.

CLS's laboratory reports for its soil sample analyses are attached. Kleinfelder's evaluation of the soil analytical results is provided in the subsequent "Evaluation of Analytical Results" section of this report.

Groundwater Sampling Analytical Results

As indicated in Table 2, three groundwater samples, collected from Wells GW-1 through GW-3, were analyzed for TPH-d. The results indicated TPH-d was not present in the samples at concentrations at or above its laboratory reporting limit.

CLS's laboratory report of its groundwater sample analyses is attached. Kleinfelder's evaluation of the groundwater analytical results is provided in the subsequent "Evaluation of Analytical Results" section of this report.

EVALUATION OF ANALYTICAL RESULTS

Soil Sampling Analytical Results Evaluation

To evaluate measured concentrations of arsenic and lead present in the soil samples, they were compared to February 2016 soil "Tier 1" ESLs for arsenic and lead, and to January 2018 lead DTSC-SLs for residential and commercial/industrial soil. Kleinfelder also compared the measured concentrations to the US EPA's June 2017 RSLs for residential and industrial soil (for Hazard Quotient of 1.0). These screening values are included in Table 1.

Also, in consideration of concentration thresholds for California and Federal hazardous waste, reported concentrations of arsenic and lead were compared to its respective CCR Title 22 TTLC value. The reported concentrations were also compared to 10 times the metal's STLC value and 20 times its Federal Toxicity Characteristic Leaching Procedure (TCLP) value. These screening values are included in Table 1.

As Table 1 indicates, arsenic concentrations ranging from 1.0 mg/kg to 31 mg/kg in 67 soil samples (including 53 soil samples collected at approximately 0.5 foot bgs and 14 soil samples collected at approximately 3 feet bgs) exceed the arsenic “Tier 1” soil ESL (0.067 mg/kg) as well as both the arsenic residential and commercial/industrial soil DTSC-SLs (0.11 mg/kg and 0.36 mg/kg, respectively) and RSL for residential soil (0.68 mg/kg), with the concentrations of several samples also exceeding the RSL for industrial soil (3.0 mg/kg). The samples collected at Location SB-09 contained the highest arsenic concentration reported for both sampling depths. Regulatory agencies including the DTSC and US EPA have acknowledged arsenic background concentrations of soils in California commonly exceed established arsenic human-health risk-based screening levels. It is possible that the arsenic concentrations present in the 0.5-foot and 3-foot bgs soil samples represent Site background concentrations for soil at those depths. The reported arsenic concentrations do not exceed the TTLC threshold for a California hazardous waste, and none warranted testing of the samples for soluble arsenic.

As Table 1 indicates, lead was present at a concentration at or above its reporting limit in 74 of the 91 samples (including each sample from 0.5 foot bgs and 18 samples from 3 feet bgs), with reported concentrations ranging from 2.6 mg/kg to 160 mg/kg. Lead concentrations of 11 shallow soil samples exceed the soil “Tier 1” lead ESL (80 mg/kg) and the lead residential soil DTSC-SL (also 80 mg/kg), but are below the DTSC-SL for commercial/industrial soil of 320 mg/kg. Each reported lead concentration is below the lead RSLs for residential and industrial soil (400 mg/kg and 800 mg/kg, respectively). Lead concentrations of 21 samples exceed 10 times the lead STLC of 5 mg/L. These 21 samples were assessed for soluble lead using the CA WET. The soluble lead result of one sample, SB-09-0.5, was equal to the STLC of 5.0 mg/L. This sample was further analyzed using the TCLP, with the result below the lead TCLP limit (Table 1).

Based on the analytical results summarized above, arsenic and lead are present in shallow soil at the Site at concentrations that exceed their respective soil Tier 1 ESLs and residential soil DTSC-SLs. In addition, arsenic concentrations of many of the samples exceed the DTSC-SL for commercial/industrial soil.

Groundwater Sampling Analytical Results Evaluation

As Table 2 indicates, TPH-d was not present in the groundwater samples from Wells GW-1 through GW-3 at concentrations at or above the laboratory reporting limit. To evaluate the TPH-d reporting limit, it was compared to the SFBRWQCB’s February 2016 TPH-d “Tier 1” ESL for groundwater. This screening level is included in Table 2. The laboratory reporting limit is below the ESL.

CONCLUSIONS AND RECOMMENDATIONS

Kleinfelder’s evaluations of the analytical results of samples collected during the subject Limited Phase II ESA have revealed the following:

- Arsenic concentrations in shallow soil exceeded the arsenic “Tier 1” soil ESL, the arsenic residential soil DTSC-SL, and the DTSC-SL for commercial/industrial soil. However, it has been acknowledged by regulatory agencies, including the DTSC, that background concentrations of arsenic in soils in California commonly exceed established arsenic human-health risk-based screening levels. Arsenic concentrations do not exceed the TTLC threshold for a California hazardous waste.

- Lead concentrations in 11 shallow soil samples exceed the “Tier 1” lead ESL (80 mg/kg) and the lead residential soil DTSC-SL (80 mg/kg), although they are below the DTSC-SL for commercial/industrial soil (320 mg/kg). Lead concentrations of 21 soil samples were more than 10 times the lead STLC of 5 mg/L, so these samples were analyzed for soluble lead using the WET. The results of one sample (SB-09-05) was equal to the 5.0-mg/L STLC. The sample was analyzed by the TCLP, the result of which did not exceed the TCLP limit.
- Based on the soil analytical results, Kleinfelder recommends that soil disturbed during Site redevelopment activities be sampled, with the samples to be analyzed for lead and arsenic, to assess appropriateness for reuse of the soil on Site and to establish an analytical waste profile for its off-Site transportation and disposal if it is found not to be suitable for reuse.
- It is possible that some of the elevated arsenic and lead concentrations present in shallow soil across much of the Site resulted from application of lead arsenate pesticides during former use of the Site as an orchard. Kleinfelder recommends coordination with a regulatory agency to develop a mitigation strategy appropriate for the intended Site use.
- The groundwater analytical results indicated diesel-range TPH was not present at a concentration at or above its laboratory reporting limit. No further groundwater assessment is recommended.

LIMITATIONS

Kleinfelder performed this assessment and prepared this report in accordance with generally accepted standards of care that exist in California at this time. This report may be used only by Costco and only for the purposes stated, within a reasonable time from its issuance but in no event later than 5 years from the report’s date. All information gathered by Kleinfelder is considered confidential and will be released only upon written authorization of Costco or as required by law. Non-compliance with any of these requirements by Costco, unless specifically agreed to in advance by Kleinfelder in writing, will release Kleinfelder from any liability resulting from the use of this report by any unauthorized party, but only to the extent of any such non-compliance by Costco. Further limitations applicable hereto may be set forth in Costco’s written agreement with Kleinfelder covering the work performed herein.

Kleinfelder’s professional opinions and recommendations are based on a limited number of field observations and tests, designed, collected, and performed in accordance with the generally accepted engineering practice that exists at the time. Consequently, no warranty or guarantee, expressed or implied, is intended or made.

CLOSING REMARKS

Kleinfelder thanks Costco for the opportunity to provide professional environmental services, and looks forward to future work with you on other projects. Please feel free to call Paolo Dizon, Kleinfelder's Project Manager, should you have questions.

Sincerely,

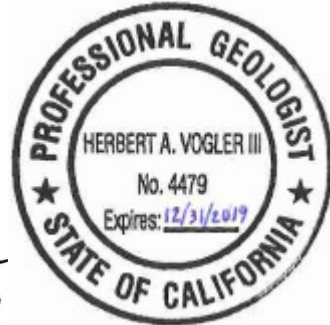
KLEINFELDER, INC.



Sara Boyer
Staff Professional



Herbert (Bert) A. Vogler III, PG
Principal Hydrogeologist



Attachments:

Figures

- 1 – Site Location Map
- 2 – Interpolated Arsenic Concentrations – 0.5-Foot Depth
- 3 – Interpolated Lead Concentrations – 0.5-Foot Depth

Tables

- 1 – Soil Analytical Results – Arsenic and Lead
- 2 – Groundwater Analytical Results – TPH-d

Well Permit

Bore Logs

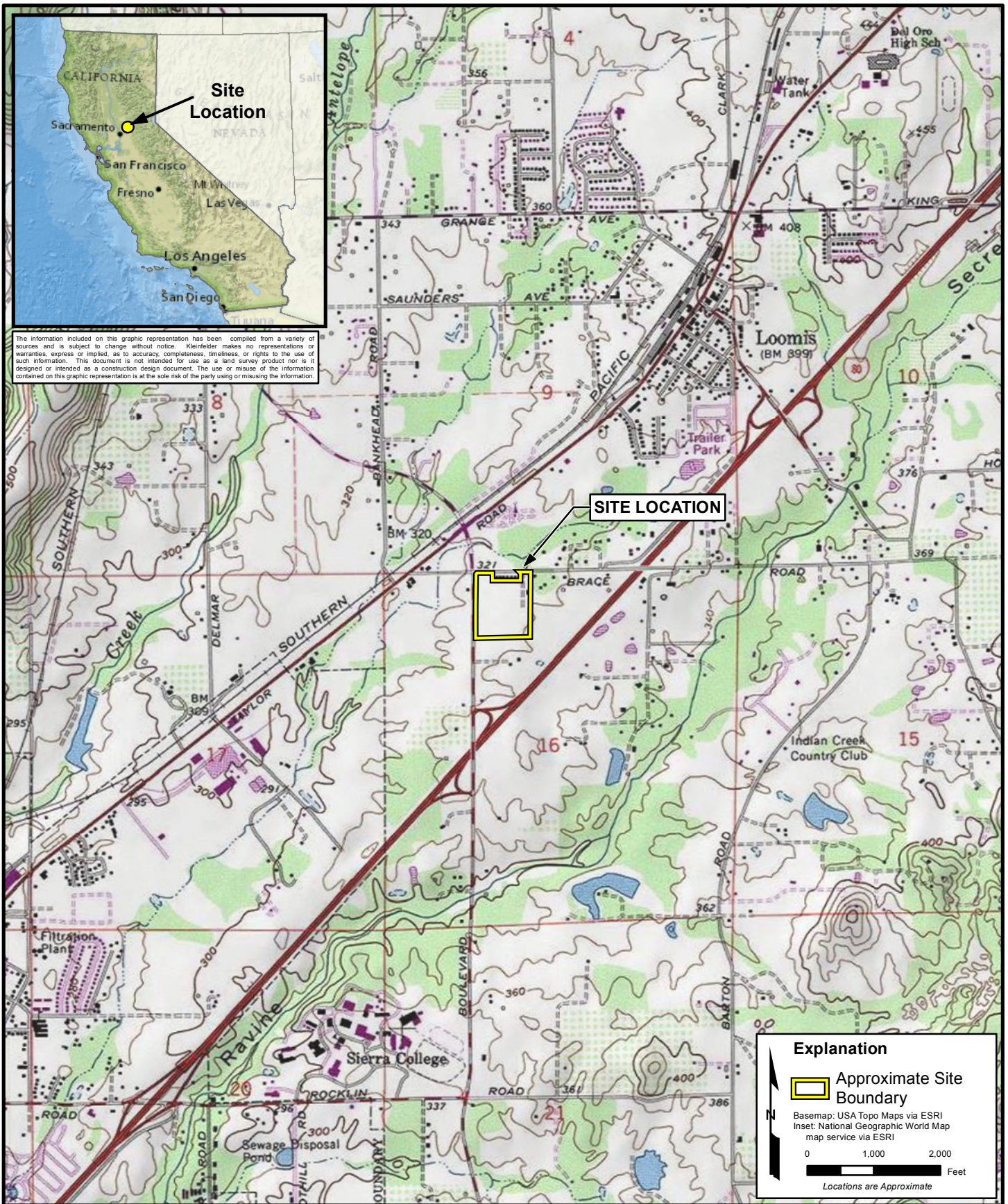
Groundwater Sampling Data Sheets

Laboratory Analytical Reports


FIGURES



The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Kleinfelder makes no representations or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. This document is not intended for use as a land survey product nor is it designed or intended as a construction design document. The use or misuse of the information contained on this graphic representation is at the sole risk of the party using or misusing the information.



Explanation

 Approximate Site Boundary

Basemap: USA Topo Maps via ESRI
 Inset: National Geographic World Map map service via ESRI

0 1,000 2,000
 Feet

Locations are Approximate



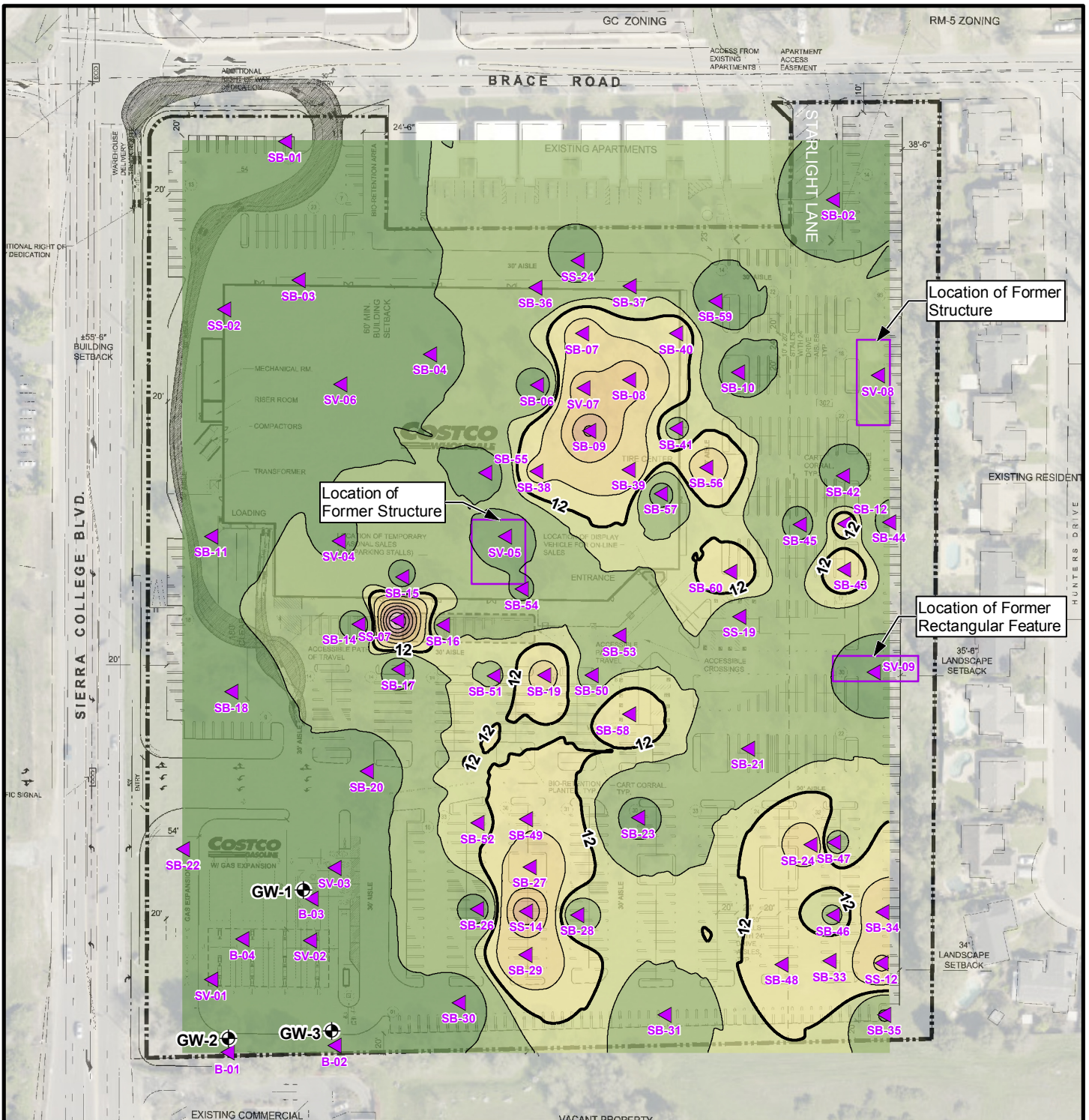
PROJECT: 20172062
 DRAWN: 06/2017
 DRAWN BY: KFH
 CHECKED BY: LDP
 FILE NAME: P2_Figure1.mxd

SITE LOCATION MAP

Limited Phase II Environmental Site Assessment Report
 Proposed Costco Wholesale Warehouse and Fuel Facility
 Southeast Corner of Brace Road and Sierra College Boulevard
 Loomis, Placer County, California

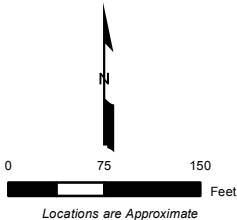
FIGURE

1



Source: DB+A, Costco Loomis Preliminary
 Concept Site Plan 1.1, 11/29/2016.
 Aerial: ESRI World Imagery, USDA NAIP 2014.

The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Kleinfelder makes no representations or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. This document is not intended for use as a land survey product nor is it designed or intended as a construction design document. The use or misuse of the information contained on this graphic representation is at the sole risk of the party using or misusing the information.



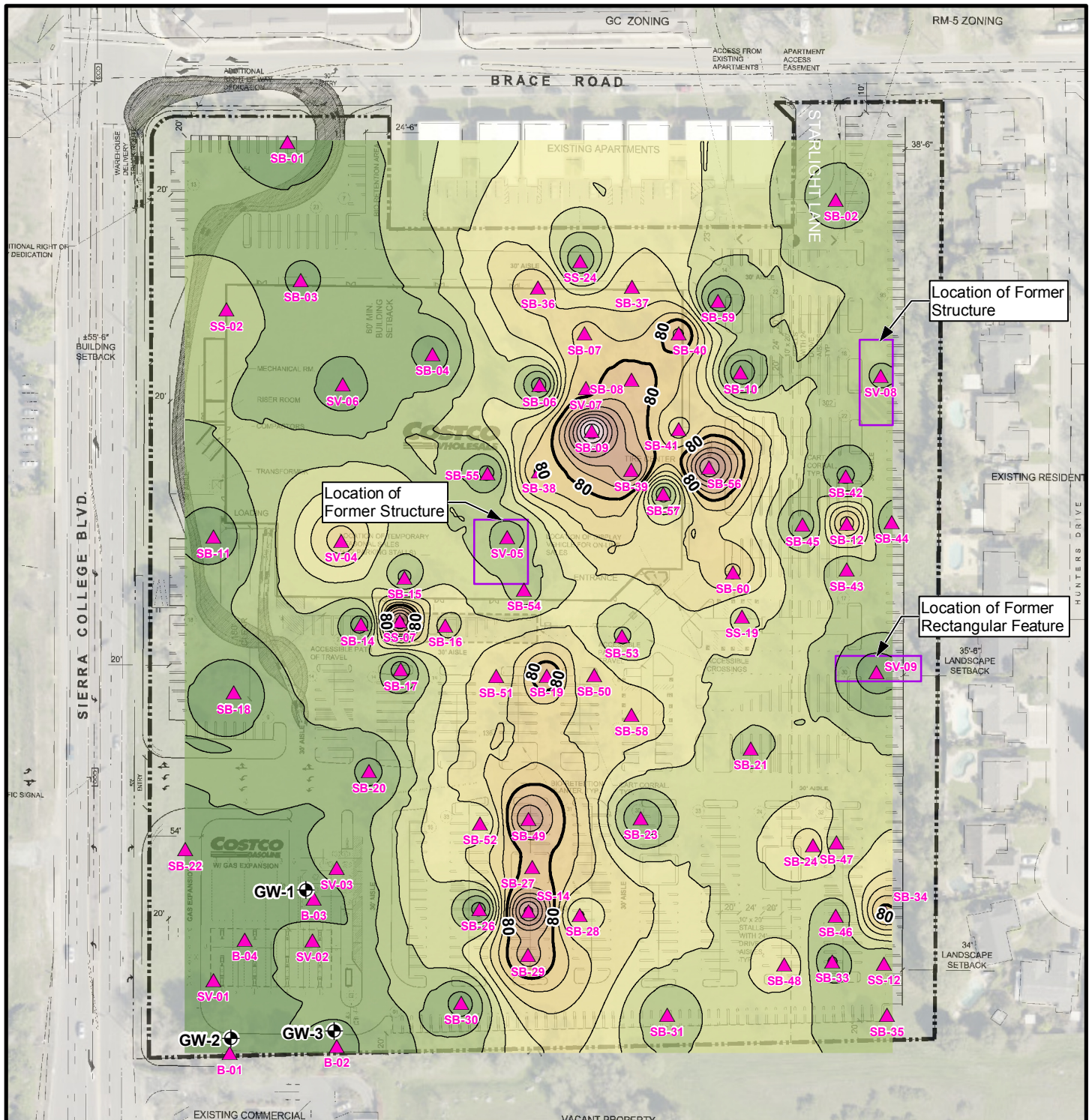
Explanation

- ▲ 0.5-foot deep soil sample analyzed for arsenic
- 12-mg/kg arsenic concentration contour
- other arsenic concentration contour (contour interval = 5 mg/kg)
- ⊕ monitoring well groundwater sample location



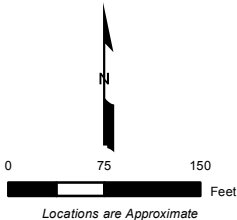
PROJECT:	20172062
DRAWN:	MAR 2018
DRAWN BY:	KFH
CHECKED BY:	HAV
FILE NAME:	Fig2_arsenic.mxd

INTERPOLATED ARSENIC CONCENTRATIONS - 0.5-FOOT DEPTH	FIGURE 2
Supplemental Site Assessment Proposed Costco Wholesale Warehouse and Fuel Facility Southeast Corner of Brace Road and Sierra College Boulevard Loomis, Placer County, California	



Source: DB+A, Costco Loomis Preliminary
 Concept Site Plan 1.1, 11/29/2016.
 Aerial: ESRI World Imagery, USDA NAIP 2014.

The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Kleinfelder makes no representations or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. This document is not intended for use as a land survey product nor is it designed or intended as a construction design document. The use or misuse of the information contained on this graphic representation is at the sole risk of the party using or misusing the information.



Explanation

- ▲ 0.5-foot deep soil sample analyzed for lead
- 80-mg/kg lead concentration contour
- other lead concentration contour (contour interval = 10 mg/kg)
- ⊕ monitoring well groundwater sample location



PROJECT:	20172062
DRAWN:	MAR 2018
DRAWN BY:	KFH
CHECKED BY:	HAV
FILE NAME:	Fig3_lead.mxd

INTERPOLATED SOIL LEAD CONCENTRATIONS - 0.5-FOOT DEPTH	FIGURE 3
Supplemental Site Assessment Proposed Costco Wholesale Warehouse and Fuel Facility Southeast Corner of Brace Road and Sierra College Boulevard Loomis, Placer County, California	

TABLES

TABLE 1
SOIL ANALYTICAL RESULTS – ARSENIC AND LEAD
Proposed Costco Wholesale Warehouse and Fuel Facility
Sierra College Boulevard and Brace Road
Loomis, California

Bore	Sample	Date Sampled	Sample Depth (feet bgs)	TTLc Arsenic	STLc Arsenic	TCLP Arsenic	TTLc Lead	STLc Lead	TCLP Lead
				(mg/kg) 6010B	(mg/L) STLc WET / 6010B	(mg/L) TCLP	(mg/kg) 6010B	(mg/L) STLc WET / 6010B	(mg/L) TCLP
SB-01	SB-01-0.5	12/7/2017	0.5	1.1	NA	NA	4.6	NA	NA
	SB-01-3	12/7/2017	3.0	ND (<1.0)	NA	NA	2.9	NA	NA
SB-02	SB-02-0.5	12/7/2017	0.5	2.7	NA	NA	16	NA	NA
	SB-02-3	12/7/2017	3.0	3.6	NA	NA	23	NA	NA
SB-03	SB-03-0.5	12/7/2017	0.5	1.3	NA	NA	8.6	NA	NA
	SB-03-3	12/7/2017	3.0	1.2	NA	NA	3.3	NA	NA
SB-04	SB-04-0.5	12/7/2017	0.5	1.3	NA	NA	4.7	NA	NA
	SB-04-3	12/7/2017	3.0	1.1	NA	NA	ND (<2.5)	NA	NA
SB-05	SB-05-3	12/7/2017	3.0	1.5	NA	NA	2.9	NA	NA
SB-06	SB-06-0.5	12/7/2017	0.5	ND (<1.0)	NA	NA	4.0	NA	NA
	SB-06-3	12/7/2017	3.0	1.3	NA	NA	5.3	NA	NA
SB-07	SB-07-0.5	12/7/2017	0.5	17	NA	NA	73	2.2	NA
	SB-07-3	12/7/2017	3.0	1.5	NA	NA	3.4	NA	NA
SB-08	SB-08-0.5	12/7/2017	0.5	24	NA	NA	87	1.6	NA
	SB-08-3	12/7/2017	3.0	1.2	NA	NA	2.7	NA	NA
SB-09	SB-09-0.5	12/7/2017	0.5	31	NA	NA	160	5.0	ND (<0.50)
	SB-09-3	12/7/2017	3.0	6.3	NA	NA	5.3	NA	NA
SB-10	SB-10-0.5	12/7/2017	0.5	1.3	NA	NA	2.9	NA	NA
	SB-10-3	12/7/2017	3.0	1.5	NA	NA	4.4	NA	NA
SB-11	SB-11-0.5	12/7/2017	0.5	2.1	NA	NA	5.1	NA	NA
	SB-11-3	12/7/2017	3.0	ND (<1.0)	NA	NA	ND (<2.5)	NA	NA
SB-12	SB-12-0.5	12/7/2017	0.5	14	NA	NA	76	2.1	NA
	SB-12-3	12/7/2017	3.0	1.2	NA	NA	ND (<2.5)	NA	NA
SB-13	SB-13-3	12/7/2017	3.0	ND (<1.0)	NA	NA	ND (<2.5)	NA	NA
SB-14	SB-14-0.5	12/7/2017	0.5	1.0	NA	NA	3.5	NA	NA
	SB-14-3	12/7/2017	3.0	ND (<1.0)	NA	NA	ND (<2.5)	NA	NA
SB-15	SB-15-0.5	12/7/2017	0.5	1.8	NA	NA	17	NA	NA
	SB-15-3	12/7/2017	3.0	ND (<1.0)	NA	NA	ND (<2.5)	NA	NA
SB-16	SB-16-0.5	12/7/2017	0.5	8.5	NA	NA	37	NA	NA
	SB-16-3	12/7/2017	3.0	ND (<1.0)	NA	NA	ND (<2.5)	NA	NA
SB-17	SB-17-0.5	12/7/2017	0.5	1.1	NA	NA	4.2	NA	NA
	SB-17-3	12/7/2017	3.0	1.1	NA	NA	3.1	NA	NA
SB-18	SB-18-0.5	12/7/2017	0.5	1.3	NA	NA	4.0	NA	NA
	SB-18-3	12/7/2017	3.0	1.5	NA	NA	3.7	NA	NA
SB-19	SB-19-0.5	12/8/2017	0.5	17	NA	NA	90	2.6	NA
	SB-19-3	12/8/2017	3.0	ND (<1.0)	NA	NA	ND (<2.5)	NA	NA
SB-20	SB-20-0.5	12/7/2017	0.5	1.4	NA	NA	7.7	NA	NA
	SB-20-3	12/7/2017	3.0	ND (<1.0)	NA	NA	ND (<2.5)	NA	NA
SB-21	SB-21-0.5	12/8/2017	0.5	7.0	NA	NA	28	NA	NA
	SB-21-3	12/8/2017	3.0	ND (<1.0)	NA	NA	ND (<2.5)	NA	NA
SB-22	SB-22-0.5	12/7/2017	0.5	2.0	NA	NA	8.3	NA	NA
	SB-22-3	12/7/2017	3.0	ND (<1.0)	NA	NA	3.7	NA	NA
SB-23	SB-23-0.5	12/8/2017	0.5	2.5	NA	NA	10	NA	NA
	SB-23-3	12/8/2017	3.0	ND (<1.0)	NA	NA	ND (<2.5)	NA	NA
SB-24	SB-24-0.5	12/8/2017	0.5	19	NA	NA	58	2.0	NA
	SB-24-3	12/8/2017	3.0	ND (<1.0)	NA	NA	ND (<2.5)	NA	NA
SB-25	SB-25-3	12/7/2017	3.0	3.9	NA	NA	2.7	NA	NA
SB-26	SB-26-0.5	12/7/2017	0.5	1.3	NA	NA	4.9	NA	NA
	SB-26-3	12/7/2017	3.0	ND (<1.0)	NA	NA	2.7	NA	NA
SB-27	SB-27-0.5	12/8/2017	0.5	18	NA	NA	82	3.0	NA
	SB-27-3	12/8/2017	3.0	ND (<1.0)	NA	NA	ND (<2.5)	NA	NA
SB-28	SB-28-0.5	12/8/2017	0.5	7.4	NA	NA	39	NA	NA
	SB-28-3	12/8/2017	3.0	ND (<1.0)	NA	NA	ND (<2.5)	NA	NA
SB-29	SB-29-0.5	12/8/2017	0.5	20	NA	NA	95	4.4	NA
	SB-29-3	12/8/2017	3.0	ND (<1.0)	NA	NA	3.2	NA	NA
SB-30	SB-30-0.5	12/8/2017	0.5	ND (<1.0)	NA	NA	5.7	NA	NA
	SB-30-3	12/8/2017	3.0	ND (<1.0)	NA	NA	ND (<2.5)	NA	NA
SB-31	SB-31-0.5	12/8/2017	0.5	5.7	NA	NA	22	NA	NA
	SB-31-3	12/8/2017	3.0	ND (<1.0)	NA	NA	2.8	NA	NA
SB-32	SB-32-3	12/8/2017	3.0	ND (<1.0)	NA	NA	2.6	NA	NA
SB-33	SB-33-0.5	12/8/2017	0.5	14	NA	NA	8.7	NA	NA
	SB-33-3	12/8/2017	3.0	ND (<1.0)	NA	NA	ND (<2.5)	NA	NA
SB-34	SB-34-0.5	12/8/2017	0.5	19	NA	NA	84	3.0	NA
	SB-34-3	12/8/2017	3.0	ND (<1.0)	NA	NA	ND (<2.5)	NA	NA
SB-35	SB-35-0.5	12/8/2017	0.5	4.6	NA	NA	20	NA	NA
	SB-35-3	12/8/2017	3.0	3.8	NA	NA	17	NA	NA
SB-36	SB-36-0.5	12/15/2017	0.5	6.3	NA	NA	68	NA	NA
SB-37	SB-37-0.5	12/15/2017	0.5	8.8	NA	NA	56	NA	NA
SB-38	SB-38-0.5	12/15/2017	0.5	16	NA	NA	81	NA	NA
SB-39	SB-39-0.5	12/15/2017	0.5	19	NA	NA	110	NA	NA
SB-40	SB-40-0.5	12/15/2017	0.5	14	NA	NA	92	NA	NA
SB-41	SB-41-0.5	12/15/2017	0.5	8.7	NA	NA	55	NA	NA
SB-42	SB-42-0.5	12/15/2017	0.5	2.6	NA	NA	6.7	NA	NA
SB-43	SB-43-0.5	12/15/2017	0.5	15	NA	NA	24	NA	NA

TABLE 1
SOIL ANALYTICAL RESULTS – ARSENIC AND LEAD
Proposed Costco Wholesale Warehouse and Fuel Facility
Sierra College Boulevard and Brace Road
Loomis, California

Bore	Sample	Date Sampled	Sample Depth (feet bgs)	TTLc Arsenic	STLc Arsenic	TCLP Arsenic	TTLc Lead	STLc Lead	TCLP Lead
				(mg/kg) 6010B	(mg/L) STLc WET / 6010B	(mg/L) TCLP	(mg/kg) 6010B	(mg/L) STLc WET / 6010B	(mg/L) TCLP
SB-44	SB-44-0.5	12/15/2017	0.5	2.7	NA	NA	9.3	NA	NA
SB-45	SB-45-0.5	12/15/2017	0.5	2.7	NA	NA	12	NA	NA
SB-46	SB-46-0.5	1/25/2018	0.5	9.1	NA	NA	23	NA	NA
SB-47	SB-47-0.5	1/25/2018	0.5	8.3	NA	NA	32	NA	NA
SB-48	SB-48-0.5	1/25/2018	0.5	13	NA	NA	50	1.7	NA
SB-49	SB-49-0.5	1/25/2018	0.5	15	NA	NA	110	1.5	ND (<0.50)
SB-50	SB-50-0.5	1/25/2018	0.5	9.0	NA	NA	53	1.7	NA
SB-51	SB-51-0.5	1/25/2018	0.5	9.6	NA	NA	56	0.93	NA
SB-52	SB-52-0.5	1/25/2018	0.5	11	NA	NA	40	NA	NA
SB-53	SB-53-0.5	1/25/2018	0.5	7.1	NA	NA	28	NA	NA
SB-54	SB-54-0.5	1/25/2018	0.5	4.3	NA	NA	25	NA	NA
SB-55	SB-55-0.5	1/25/2018	0.5	1.4	NA	NA	7.1	NA	NA
SB-56	SB-56-0.5	1/25/2018	0.5	18	NA	NA	130	3.0	ND (<0.50)
SB-57	SB-57-0.5	1/25/2018	0.5	2.0	NA	NA	12	NA	NA
SB-58	SB-58-0.5	1/25/2018	0.5	15	NA	NA	54	1.2	NA
SB-59	SB-59-0.5	1/25/2018	0.5	ND (<1.0)	NA	NA	2.7	NA	NA
SB-60	SB-60-0.5	1/25/2018	0.5	15	NA	NA	72	2.9	NA
Tier I ESL (mg/kg)				0.067	--	--	80	--	--
DTSC-SL – Residential (mg/kg)				0.11	--	--	80	--	--
DTSC-SL – Commercial/Industrial (mg/kg)				0.36	--	--	320	--	--
RSL – Residential (mg/kg)				0.68	--	--	400	--	--
RSL – Commercial/Industrial (mg/kg)				3.0	--	--	800	--	--
TTLC (mg/kg)				500	--	--	1,000	--	--
STLC (mg/L)				--	5.0	--	--	5.0	--
TCLP Value (mg/L)				--	--	5.0	--	--	5.0
10 x STLC				50	--	--	50	--	--
20 x TCLP				100	--	--	100	--	--

Notes:

- TTLc California Code of Regulations Title 22 Total Threshold Limit Concentration.
- STLc California Code of Regulations Title 22 Soluble Threshold Limit Concentration.
- TCLP Toxicity Characteristic Leaching Procedure.
- mg/kg Milligrams per kilogram.
- mg/L Milligrams per liter.
- bgs Below ground surface.
- 6010B United States Environmental Protection Agency analytical method number.
- WET California Code of Regulations Title 22 Waste Extraction Test.
- NA Sample not analyzed for indicated analyte.
- ND<2.47 Analyte not present at concentration at or above indicated laboratory reporting limit.
- Tier I ESL San Francisco Bay Regional Water Quality Control Board Tier 1 Environmental Screening Level for soil (February 2016).
- DTSC-SL Recommended soil screening level provided in California Environmental Protection Agency, Department of Toxic Substances Control, Office of Human and Ecological Risk (HERO) Human Health Risk Assessment Note No. 3 (January 2018).
- RSL US EPA Regional Screening Level for soil (November 2017).
- 60.8** Result shown in bold font is higher than Tier I ESL.
- 65** Result shown in yellow-highlighted background is higher than 10 times the analyte's STLC.
- 110** Result shown in orange-highlighted background is higher than 20 times the analyte's TCLP.
- NL Analyte or value is not listed.

TABLE 2
GROUNDWATER ANALYTICAL RESULTS – TPH-d
Proposed Costco Wholesale Warehouse and Fuel Facility
Sierra College Boulevard and Brace Road
Loomis, California

Bore	Sample	Date Sampled	TPH-d
			(C₁₂-C₂₂)
			(mg/L)
			8015B
GW-1	GW-1	1/25/2018	ND (<0.050)
GW-2	GW-2	1/25/2018	ND (<0.050)
GW-3	GW-3	1/25/2018	ND (<0.050)
Tier I ESL (mg/L)			0.100

- Notes:**
- TPH-d Diesel-range total petroleum hydrocarbons.
 - C₁₂-C₂₂ Hydrocarbon carbon range.
 - mg/L Milligrams per liter.
 - 8015M / 8260B United States Environmental Protection Agency analytical method number.
 - ND<100 Analyte not present at concentration at or above indicated laboratory reporting limit.
 - Tier I ESL San Francisco Bay Regional Water Quality Control Board Tier 1 Environmental Screening Level for groundwater (February 2016).

BORE LOGS

SAMPLER AND DRILLING METHOD GRAPHICS

	BULK / GRAB / BAG SAMPLE
	MODIFIED CALIFORNIA SAMPLER (2 or 2-1/2 in. (50.8 or 63.5 mm.) outer diameter)
	CALIFORNIA SAMPLER (3 in. (76.2 mm.) outer diameter)
	STANDARD PENETRATION SPLIT SPOON SAMPLER (2 in. (50.8 mm.) outer diameter and 1-3/8 in. (34.9 mm.) inner diameter)
	HQ CORE SAMPLE (2.500 in. (63.5 mm.) core diameter)
	SHELBY TUBE SAMPLER
	HOLLOW STEM AUGER
	SOLID STEM AUGER
	WASH BORING
	SONIC CONTINUOUS SAMPLER

GROUND WATER GRAPHICS

	WATER LEVEL (level where first observed)
	WATER LEVEL (level after exploration completion)
	WATER LEVEL (additional levels after exploration)
	OBSERVED SEEPAGE

NOTES

- The report and graphics key are an integral part of these logs. All data and interpretations in this log are subject to the explanations and limitations stated in the report.
- Lines separating strata on the logs represent approximate boundaries only. Actual transitions may be gradual or differ from those shown.
- No warranty is provided as to the continuity of soil or rock conditions between individual sample locations.
- Logs represent general soil or rock conditions observed at the point of exploration on the date indicated.
- In general, Unified Soil Classification System designations presented on the logs were based on visual classification in the field and were modified where appropriate based on gradation and index property testing.
- Fine grained soils that plot within the hatched area on the Plasticity Chart, and coarse grained soils with between 5% and 12% passing the No. 200 sieve require dual USCS symbols, i.e., GW-GM, GP-GM, GW-GC, GP-GC, GC-GM, SW-SM, SP-SM, SW-SC, SP-SC, SC-SM.
- If sampler is not able to be driven at least 6 inches then 50/X indicates number of blows required to drive the identified sampler X inches with a 140 pound hammer falling 30 inches.

ABBREVIATIONS

WOH - Weight of Hammer
WOR - Weight of Rod

UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487)

GRAVELS (More than half of coarse fraction is larger than the #4 sieve)	CLEAN GRAVEL WITH <5% FINES	Cu ≥ 4 and 1 ≤ Cc ≤ 3		GW	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE OR NO FINES
		Cu < 4 and/or 1 > Cc > 3		GP	POORLY GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE OR NO FINES
	GRAVELS WITH 5% TO 12% FINES	Cu ≥ 4 and 1 ≤ Cc ≤ 3		GW-GM	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE FINES
				GW-GC	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE CLAY FINES
		Cu < 4 and/or 1 > Cc > 3		GP-GM	POORLY GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE FINES
				GP-GC	POORLY GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE CLAY FINES
	GRAVELS WITH > 12% FINES			GM	SILTY GRAVELS, GRAVEL-SILT-SAND MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
				GC-GM	CLAYEY GRAVELS, GRAVEL-SAND-CLAY-SILT MIXTURES
	COARSE GRAINED SOILS (More than half of coarse fraction is smaller than the #4 sieve)	CLEAN SANDS WITH <5% FINES	Cu ≥ 6 and 1 ≤ Cc ≤ 3		SW
Cu < 6 and/or 1 > Cc > 3				SP	POORLY GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE OR NO FINES
SANDS WITH 5% TO 12% FINES		Cu ≥ 6 and 1 ≤ Cc ≤ 3		SW-SM	WELL-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE FINES
				SW-SC	WELL-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE CLAY FINES
		Cu < 6 and/or 1 > Cc > 3		SP-SM	POORLY GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE FINES
				SP-SC	POORLY GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE CLAY FINES
SANDS WITH > 12% FINES				SM	SILTY SANDS, SAND-GRAVEL-SILT MIXTURES
				SC	CLAYEY SANDS, SAND-GRAVEL-CLAY MIXTURES
				SC-SM	CLAYEY SANDS, SAND-SILT-CLAY MIXTURES
FINE GRAINED SOILS (More than half of material is smaller than the #200 sieve)	SILTS AND CLAYS (Liquid Limit less than 50)			ML	INORGANIC SILTS AND VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS, SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				CL-ML	INORGANIC CLAYS-SILTS OF LOW PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
	SILTS AND CLAYS (Liquid Limit greater than 50)			OL	ORGANIC SILTS & ORGANIC SILTY CLAYS OF LOW PLASTICITY
				MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILT
				CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
		OH	ORGANIC CLAYS & ORGANIC SILTS OF MEDIUM-TO-HIGH PLASTICITY		



PROJECT NO.: 20172062
DRAWN BY:
CHECKED BY:
DATE:
REVISED: -

GRAPHICS KEY

Costco Loomis Supplemental ESA
SEC Brace Rd and Sierra College Blvd
Loomis, CA

Date Begin - End: 1/24/2018
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Overcast

Drilling Company: Taber Drilling
Drill Crew: Rick, Jason
Drilling Equipment: Limited Access Track Rig
Drilling Method: See Drilling Method Column
Bore Diameter: 6 in. O.D.

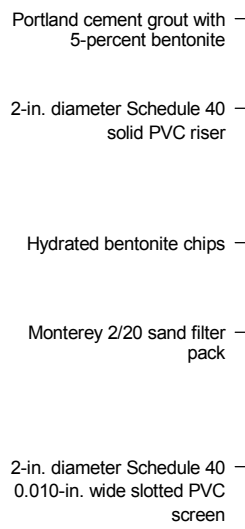
MONITORING WELL GW-1 LOG

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		MONITORING WELL CONSTRUCTION	
							Surface Condition: Grass	Lithologic Description		
0.0							Well-Graded SAND with Clay (SW-SC): dark brown, moist			
0.0							Well-Graded SAND (SW): yellowish brown, dry			
5							Well-Graded SAND with Gravel (SW): yellowish brown, moist			
10							Well-Graded SAND with Clay (SW-SC): brownish gray, wet			
15							Well-Graded SAND with Clay (SW-SC): brownish gray, wet			
18.5	Hollow-Stem Auger									

The bore was terminated at approximately 18.5 ft. below ground surface.

GROUNDWATER LEVEL INFORMATION:
 ▽ Groundwater was observed at approximately 14 ft. below ground surface during drilling.
 ▼ Groundwater was observed at approximately 9 ft. below ground surface at the end of drilling.
 ▽ Groundwater was observed at 8.78 ft. below top of casing before purging and sampling.

GENERAL NOTES:
 ft. = feet.
 in. = inches.
 O.D. = outer diameter.
 ppmv = parts per million by volume.
 A photoionization detector (PID) was used for environmental field screening.



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

MONITORING WELL GW-1 LOG

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX

B-2

PAGE: 1 of 1

Date Begin - End: 1/24/2018
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Overcast
Drilling Company: Taber Drilling
Drill Crew: Rick, Jason
Drilling Equipment: Limited Access Track Rig
Drilling Method: See Drilling Method Column
Bore Diameter: 6 in. O.D.

MONITORING WELL GW-2 LOG

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		MONITORING WELL CONSTRUCTION		
							Surface Condition: Grass	Lithologic Description			
0					0.0		Well-Graded SAND with Clay (SW-SC): dark brown, moist				
3							Well-Graded SAND (SW): yellowish brown, wet				
11							Well-Graded SAND with Clay (SW-SC): brown to grey, wet				
<p>The bore was terminated at approximately 11 ft. below ground surface.</p>							<p>GROUNDWATER LEVEL INFORMATION: Groundwater was observed at approximately 6 ft. below ground surface during drilling. Groundwater was observed at approximately 3 ft. below ground surface at the end of drilling. Groundwater was observed at 3.25 ft. below top of casing before purging and sampling. GENERAL NOTES: ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening.</p>				
5	Hollow-Stem Auger								Portland cement grout with 5-percent bentonite		
									2-in. diameter Schedule 40 solid PVC riser		
									Hydrated bentonite chips		
									Monterey 2/20 sand filter pack		
									2-in. diameter Schedule 40 0.010-in. wide slotted PVC screen		



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

MONITORING WELL GW-2 LOG

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX

B-3

Date Begin - End: 1/24/2018
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Overcast

Drilling Company: Taber Drilling
Drill Crew: Rick, Jason
Drilling Equipment: Limited Access Track Rig
Drilling Method: See Drilling Method Column
Bore Diameter: 6 in. O.D.

MONITORING WELL GW-3 LOG

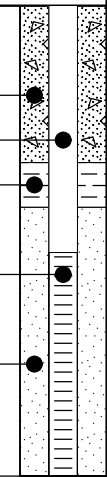
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		MONITORING WELL CONSTRUCTION	
							Surface Condition: Grass	Lithologic Description		
0.0					0.0		Well-Graded SAND with Clay (SW-SC): dark brown, moist			
0.0					0.0		Well-Graded SAND (SW): yellowish brown, moist			
5.0					0.0		Well-Graded SAND with Clay (SW): yellowish brown, wet			
10.0					0.0		Well-Graded SAND with Clay (SW): yellowish brown, wet			
10.5					0.0					

The bore was terminated at approximately 10.5 ft. below ground surface.

GROUNDWATER LEVEL INFORMATION:
 ▬ Groundwater was observed at approximately 6 ft. below ground surface during drilling.
 ▾ Groundwater was observed at approximately 4 ft. below ground surface at the end of drilling.
 ▿ Groundwater was observed at 3.63 ft. below top of casing before purging and sampling.

GENERAL NOTES:
 ft. = feet.
 in. = inches.
 O.D. = outer diameter.
 ppmv = parts per million by volume.
 A photoionization detector (PID) was used for environmental field screening.

Portland cement grout with 5-percent bentonite
 2-in. diameter Schedule 40 solid PVC riser
 Hydrated bentonite chips
 2-in. diameter Schedule 40 0.010-in. wide slotted PVC screen
 Monterey 2/20 sand filter pack



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

MONITORING WELL GW-3 LOG
 Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX
B-4
 PAGE: 1 of 1

Date Begin - End: 12/07/2017
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-01 LOG

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
						Surface Condition: Grass
						Lithologic Description
	Hand Auger	SB-01-0.5			0.0	Well-graded SAND with Clay (SW-SC): dark brown, moist
		SB-01-3			0.0	Well-graded SAND: reddish yellow, dry
5	The bore was terminated at approximately 3.5 ft. below ground surface.					
	<p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 07, 2017.</p>					



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-01 LOG

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX

B-5

PAGE: 1 of 1

Date Begin - End: 12/07/2017
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-02 LOG

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION	
							Surface Condition: Grass	Lithologic Description
	Hand Auger	⊗	SB-02-0.5		0.0	⊗	Well-graded SAND with Clay (SW-SC): dark brown, moist	
		⊗	SB-02-3		0.0	⊗		
5	The bore was terminated at approximately 3.5 ft. below ground surface.						<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 07, 2017.	

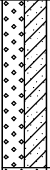




PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-02 LOG
 Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX
B-6
 PAGE: 1 of 1

Date Begin - End: 12/07/2017	Drilling Company: Cascade Drilling	BORE SB-03 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Sunny, Clear	Borehole Diameter: 3 in. O.D.	

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
Surface Condition: Grass						
Lithologic Description						
	Hand Auger		SB-03-0.5		0.0	 Well-graded SAND with Clay (SW-SC): dark brown, moist
			SB-03-3		0.0	 Well-graded SAND (SW): red, dry
5	The bore was terminated at approximately 3.5 ft. below ground surface.					
10	<p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion.</p> <p><u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 07, 2017.</p>					
15						

 KLEINFELDER <i>Bright People. Right Solutions.</i>	PROJECT NO.: 20172062	BORE SB-03 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-7	PAGE: 1 of 1
DATE:			
REVISED: -			

Date Begin - End: 12/07/2017
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-04 LOG

FIELD EXPLORATION							
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	
Surface Condition: Grass							
Lithologic Description							
	Hand Auger		SB-04-0.5		0.0	Well-graded SAND with Clay (SW-SC): dark brown, moist	
			SB-04-3		0.0	Well-graded SAND (SC): yellowish brown, dry	
5	The bore was terminated at approximately 3.5 ft. below ground surface.					<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 07, 2017.	
10							
15							



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-04 LOG

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA


APPENDIX

B-8

PAGE: 1 of 1


Date Begin - End: 12/07/2017	Drilling Company: Cascade Drilling	BORE SB-05 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Sunny, Clear	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	X	SB-05-0.5		0.0	[Hatched Pattern]	Well-graded SAND with Clay (SW-SC): dark brown, moist		
		X	SB-05-3		0.0	[Hatched Pattern]	Well-graded SAND (SC): brown, dry		
5	The bore was terminated at approximately 3.5 ft. below ground surface.						<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 07, 2017.		
10									
15									

	PROJECT NO.: 20172062	BORE SB-05 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-9	PAGE: 1 of 1
DATE:			
REVISED: -			

Date Begin - End: 12/07/2017	Drilling Company: Cascade Drilling	BORE SB-06 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Sunny, Clear	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	X	SB-06-0.5		0.0	[Diagonal Hatching]	Well-graded SAND with Clay (SW-SC): dark brown, moist		
		X	SB-06-3		0.0	[Dotted]	Well-graded SAND (SW): brown		
5	The bore was terminated at approximately 3.5 ft. below ground surface.						<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 07, 2017.		
10									
15									

	PROJECT NO.: 20172062	BORE SB-06 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-10	PAGE: 1 of 1
DATE:			
REVISED: -			

Date Begin - End: 12/07/2017
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-07 LOG

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
						Surface Condition: Grass
						Lithologic Description
	Hand Auger	SB-07-0.5		NR	0.0	Well-graded SAND with Clay (SW-SC): dark brown, moist
		SB-07-3			0.0	Well-graded SAND: yellowish brown, dry
5	The bore was terminated at approximately 3.5 ft. below ground surface.					
	<p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 07, 2017.</p>					



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-07 LOG

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA


APPENDIX

B-11

PAGE: 1 of 1

Date Begin - End: 12/07/2017	Drilling Company: Cascade Drilling	BORE SB-08 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Sunny, Clear	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	X	SB-08-0.5		0.0	[Diagonal Hatching]	Well-graded SAND with Clay (SW-SC): dark brown, moist		
		X	SB-08-3		0.0	[Dotted]	Well-graded SAND (SW): reddish yellow, dry		
5	The bore was terminated at approximately 3.5 ft. below ground surface.						<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 07, 2017.		
10									
15									

 KLEINFELDER <i>Bright People. Right Solutions.</i>	PROJECT NO.: 20172062	BORE SB-08 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-12	PAGE: 1 of 1
DATE:			
REVISED: -			

Date Begin - End: 12/07/2017
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-09 LOG

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
						Surface Condition: Grass
						Lithologic Description
	Hand Auger	SB-09-0.5		0.0		Well-graded SAND with Clay (SW-SC): dark brown, moist
	Hand Auger	SB-09-3		0.0		SAND (SP): fine-grained, yellowish brown, dry
5	The bore was terminated at approximately 3.5 ft. below ground surface.					
10	<p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion.</p> <p><u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 07, 2017.</p>					
15						



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-09 LOG

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX

B-13

PAGE: 1 of 1

Date Begin - End: 12/07/2017
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-10 LOG

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
						Surface Condition: Grass
						Lithologic Description
	Direct Push	SB-10-0.5			0.0	Well-graded SAND with Clay (SW-SC): dark brown, moist
		SB-10-3			0.0	Well-graded SAND (SW): reddish yellow
5	The bore was terminated at approximately 3.5 ft. below ground surface.					
10	<p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion.</p> <p><u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 07, 2017.</p>					
15						



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-10 LOG

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX

B-14

PAGE: 1 of 1

Date Begin - End: 12/07/2017
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-11 LOG

FIELD EXPLORATION							
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	
						Surface Condition: Grass	
						Lithologic Description	
	Hand Auger	⊗	SB-11-0.5		0.0	Well-graded SAND with Gravel (SW): light brownish gray, dry	
		⊗	SB-11-3		0.0	Well-graded SAND (SW): reddish yellow, dry	
5	The bore was terminated at approximately 3.5 ft. below ground surface.					<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 07, 2017.	
10							
15							



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -



BORE SB-11 LOG
 Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX
B-15
 PAGE: 1 of 1

Date Begin - End: 12/07/2017
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-12 LOG

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION	
							Surface Condition: Grass	Lithologic Description
	Direct Push	⊗	SB-12-0.5		0.0		Well-graded SAND with Clay (SW-SC): dark brown, moist	
		⊗	SB-12-3		0.0		Well-graded SAND (SW): light brownish gray, dry	
5	The bore was terminated at approximately 3.5 ft. below ground surface.						<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 07, 2017.	




PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-12 LOG
 Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX
B-16
 PAGE: 1 of 1


Date Begin - End: 12/07/2017	Drilling Company: Cascade Drilling	BORE SB-13 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Sunny, Clear	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION	
							Surface Condition: Grass	Lithologic Description
	Hand Auger	X	SB-13-0.5		0.0	[Diagonal Hatching]	Well-graded SAND with Clay (SW-SC): dark brown, moist	
		X	SB-13-3		0.0	[Dotted]	Well-graded SAND (SW): yellow, dry	
5	The bore was terminated at approximately 3.5 ft. below ground surface.						<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 07, 2017.	
10								
15								

	PROJECT NO.: 20172062	BORE SB-13 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-17	PAGE: 1 of 1
DATE:			
REVISED: -			

Date Begin - End: 12/07/2017	Drilling Company: Cascade Drilling	BORE SB-14 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Sunny, Clear	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	X	SB-14-0.5		0.0	[Diagonal Hatching]	Well-graded SAND with Clay (SW-SC): dark brown, moist		
		X	SB-14-3		0.0	[Dotted]	Well-graded SAND (SW): yellow, dry yellowish brown		
5	The bore was terminated at approximately 3.5 ft. below ground surface.						<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 07, 2017.		
10									
15									

	PROJECT NO.: 20172062	BORE SB-14 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:	Costco Loomis Supplemental ESA SEC Brace Rd and Sierra College Blvd Loomis, CA		B-18
DATE:			
REVISED: -			PAGE: 1 of 1

Date Begin - End: 12/07/2017
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-15 LOG

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
Surface Condition: Grass						
Lithologic Description						
	Hand Auger		SB-15-0.5		0.0	
	Hand Auger		SB-15-3		0.0	
5	The bore was terminated at approximately 3.5 ft. below ground surface.					
10	<p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion.</p> <p><u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 07, 2017.</p>					
15						



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-15 LOG

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA


APPENDIX

B-19

PAGE: 1 of 1


Date Begin - End: 12/07/2017	Drilling Company: Cascade Drilling	BORE SB-16 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Sunny, Clear	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	X	SB-16-0.5		0.0	[Diagonal Hatching]	Well-graded SAND with Clay (SW-SC): dark brown, moist		
		X	SB-16-3		0.0	0.0	[Dotted]	Fine SAND (SW): olive yellow, dry	
5	The bore was terminated at approximately 3.5 ft. below ground surface.						<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 07, 2017.		
10									
15									

 KLEINFELDER <i>Bright People. Right Solutions.</i>	PROJECT NO.: 20172062	BORE SB-16 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-20	
DATE:			
REVISED: -			PAGE: 1 of 1


Date Begin - End: 12/07/2017	Drilling Company: Cascade Drilling	BORE SB-17 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Sunny, Clear	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	X	SB-17-0.5		0.0	[Diagonal Hatching]	Well-graded SAND with Clay (SW-SC): dark brown, moist		
		X	SB-17-3		0.0	0.0	[Dotted]	Well-graded SAND (SW): yellowish brown, dry	
5	The bore was terminated at approximately 3.5 ft. below ground surface.						<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 07, 2017.		
10									
15									

	PROJECT NO.: 20172062	BORE SB-17 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-21	PAGE: 1 of 1
DATE:			
REVISED: -			


Date Begin - End: 12/07/2017	Drilling Company: Cascade Drilling	BORE SB-18 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Sunny, Clear	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	X	SB-18-0.5		0.0	[Diagonal Hatching]	Well-graded SAND with Clay (SW-SC): dark brown, moist		
		X	SB-18-3		0.0	[Dotted]	Well-graded SAND (SW): reddish brown, dry		
5	The bore was terminated at approximately 3.5 ft. below ground surface.						<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 07, 2017.		
10									
15									

	PROJECT NO.: 20172062	BORE SB-18 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-22	PAGE: 1 of 1
DATE:			
REVISED: -			

Date Begin - End: 12/08/2017	Drilling Company: Cascade Drilling	BORE SB-19 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Sunny, Clear	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	X	SB-19-0.5		0.0	[Diagonal Hatching]	Well-Graded SAND with Clay (SW-SC): dark brown, moist		
		X	SB-19-3		0.0	[Dotted]	Well-Graded SAND (SW): brown, dry		
5	The bore was terminated at approximately 3.5 ft. below ground surface.						<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 08, 2017.		
10									
15									

	PROJECT NO.: 20172062	BORE SB-19 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-23	PAGE: 1 of 1
DATE:			
REVISED:	-		

Date Begin - End: 12/07/2017
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-20 LOG

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
						Surface Condition: Grass
						Lithologic Description
	Hand Auger	SB-20-0.5			0.0	Well-Graded SAND with Clay (SW-SC): dark brown, moist
	Hand Auger	SB-20-3			0.0	Well-Graded SAND (SW): light brownish gray, dry
5	The bore was terminated at approximately 3.5 ft. below ground surface.					
10	<p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion.</p> <p><u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 07, 2017.</p>					
15						



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-20 LOG

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX

B-24

PAGE: 1 of 1

Date Begin - End: 12/08/2007
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-21 LOG

FIELD EXPLORATION							
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	
						Surface Condition: Grass	
						Lithologic Description	
	Hand Auger	SB-21-0.5		0.0		Well GRADED SAND with Clay (SW-SC): dark brown, moist	
		SB-21-3		0.0		Poorly Graded SAND (SP): reddish brown, dry	
5	The bore was terminated at approximately 3.5 ft. below ground surface.					<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 08, 2007.	
10							
15							




PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-21 LOG
 Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX
B-25
 PAGE: 1 of 1


Date Begin - End: 12/07/2017	Drilling Company: Cascade Drilling	BORE SB-22 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Sunny, Clear	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	X	SB-22-0.5		0.0	[Diagonal Hatching]	Well-Graded SAND with Clay (SW-SC): dark brown, moist		
		X	SB-22-3		0.0	[Dotted]	Well-Graded SAND (SW): red, dry		
5	The bore was terminated at approximately 3.5 ft. below ground surface.						<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 07, 2017.		
10									
15									

	PROJECT NO.: 20172062	BORE SB-22 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-26	PAGE: 1 of 1
DATE:			
REVISED: -			


Date Begin - End: 12/08/2017	Drilling Company: Cascade Drilling	BORE SB-23 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Sunny, Clear	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION	
							Surface Condition: Grass	Lithologic Description
	Hand Auger	X	SB-23-0.5		0.0	[Hatched Pattern]	Well-Graded SAND with Clay (SW-SC): dark brown, moist	
		X	SB-23-3		0.0	[Hatched Pattern]	Well-Graded SAND with Clay (SW-SC): olive gray, moist	
5	The bore was terminated at approximately 3.5 ft. below ground surface.						<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 08, 2017.	
10								
15								

	PROJECT NO.: 20172062	BORE SB-23 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:	Costco Loomis Supplemental ESA SEC Brace Rd and Sierra College Blvd Loomis, CA		B-27
DATE:			
REVISED: -			PAGE: 1 of 1

Date Begin - End: 12/08/2017	Drilling Company: Cascade Drilling	BORE SB-24 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Sunny, Clear	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	X	SB-24-0.5		0.0	[Diagonal Hatching]	Well-Graded SAND with Clay (SW-SC): dark brown, moist		
		X	SB-24-3		0.0	[Dotted]	Well-Graded SAND (SW): reddish brown, dry		
5	The bore was terminated at approximately 3.5 ft. below ground surface.						<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 08, 2017.		
10									
15									

	PROJECT NO.: 20172062	BORE SB-24 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-28	PAGE: 1 of 1
DATE:			
REVISED:	-		


Date Begin - End: 12/07/2017	Drilling Company: Cascade Drilling	BORE SB-25 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Sunny, Clear	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger						Well-Graded SAND with Clay (SW-SC)		
		SB-25-3			0.0		Well-Graded SAND (SW)		
5	The bore was terminated at approximately 3.5 ft. below ground surface.							<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 07, 2017.	
10									
15									

 KLEINFELDER <i>Bright People. Right Solutions.</i>	PROJECT NO.: 20172062	BORE SB-25 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-29	PAGE: 1 of 1
DATE:			
REVISED: -			

Date Begin - End: 12/07/2017	Drilling Company: Cascade Drilling	BORE SB-26 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Sunny, Clear	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	X	SB-26-0.5		0.0	[Diagonal Hatching]	Well-Graded SAND with Clay (SW-SC): dark brown, moist		
		X	SB-26-3		0.0	[Dotted]	Poorly Graded SAND (SP): reddish brown, dry		
5	The bore was terminated at approximately 3.5 ft. below ground surface.						<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 07, 2017.		
10									
15									

 KLEINFELDER <i>Bright People. Right Solutions.</i>	PROJECT NO.: 20172062	BORE SB-26 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-30	PAGE: 1 of 1
DATE:			
REVISED: -			

Date Begin - End: 12/08/2017
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-27 LOG

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
Surface Condition: Grass						
Lithologic Description						
	Hand Auger		SB-27-0.5		0.0	Well-Graded SAND with Clay (SW-SC): dark brown, moist
			SB-27-3		0.0	Well-Graded SAND (SW): red, dry
5	The bore was terminated at approximately 3.5 ft. below ground surface.					
10	<p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion.</p> <p><u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 08, 2017.</p>					
15						



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-27 LOG

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA


APPENDIX

B-31

PAGE: 1 of 1


Date Begin - End: 12/08/2017	Drilling Company: Cascade Drilling	BORE SB-28 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Sunny, Clear	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	X	SB-28-0.5		0.0	[Diagonal Hatching]	Well-Graded SAND with Clay (SW-SC): dark brown, moist		
		X	SB-28-3		0.0	[Dotted]	Well-Graded SAND (SW): reddish brown, dry		
5	The bore was terminated at approximately 3.5 ft. below ground surface.						<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 08, 2017.		
10									
15									

	PROJECT NO.: 20172062	BORE SB-28 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-32	PAGE: 1 of 1
DATE:			
REVISED: -			

Date Begin - End: 12/08/2017	Drilling Company: Cascade Drilling	BORE SB-29 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Sunny, Clear	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	X	SB-29-0.5		0.0	[Diagonal Hatching]	Well-Graded SAND with Clay (SW-SC): dark brown, moist		
		X	SB-29-3		0.0	0.0	[Dotted]	Well-Graded SAND (SW): red, dry	
5	The bore was terminated at approximately 3.5 ft. below ground surface.						<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 08, 2017.		
10									
15									

	PROJECT NO.: 20172062	BORE SB-29 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-33	
DATE:			
REVISED: -		PAGE: 1 of 1	

Date Begin - End: 12/08/2017
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-30 LOG

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
Surface Condition: Grass						
Lithologic Description						
	Hand Auger		SB-30-0.5		0.0	Well-Graded SAND with Clay (SW-SC): dark brown, moist
			SB-30-3		0.0	Well-Graded SAND (SW): red, dry
5	The bore was terminated at approximately 3.5 ft. below ground surface.					
10	<p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion.</p> <p><u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 08, 2017.</p>					
15						



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-30 LOG

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX

B-34

PAGE: 1 of 1

Date Begin - End: 12/08/2017
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-31 LOG

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
						Surface Condition: Grass
						Lithologic Description
	Hand Auger	SB-31-0.5			0.0	Well-Graded SAND with Clay (SW-SC): dark brown, moist
	Hand Auger	SB-31-3			0.0	Well-Graded SAND (SW): red, dry
5	The bore was terminated at approximately 3.5 ft. below ground surface.					
10	<p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion.</p> <p><u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 08, 2017.</p>					
15						



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-31 LOG

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX

B-35

PAGE: 1 of 1

Date Begin - End: 12/08/2017
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE LOG SB-32

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
						Surface Condition: Grass
						Lithologic Description
	Hand Auger	⊗	SB-32-0.5		0.0	Well-Graded SAND with Clay (SW-SC): dark brown, moist
		⊗	SB-32-3		0.0	Well-Graded SAND (SW): reddish brown, dry
5	The bore was terminated at approximately 3.5 ft. below ground surface.					
	<p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion.</p> <p><u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with portland cement grout mixed with 5-percent bentonite. on December 08, 2017.</p>					



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE LOG SB-32

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX

B-36

PAGE: 1 of 1

Date Begin - End: 12/08/2017
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-33 LOG

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
						Surface Condition: Grass
						Lithologic Description
	Hand Auger	⊗	SB-33-0.5		0.0	Well-Graded SAND with Clay (SW-SC): dark brown, moist
		⊗	SB-33-3		0.0	Well-Graded SAND (SW): red, dry
5	The bore was terminated at approximately 3.5 ft. below ground surface.					
	<p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 08, 2017.</p>					



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-33 LOG



Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA


APPENDIX

B-37



PAGE: 1 of 1


Date Begin - End: 12/08/2017	Drilling Company: Cascade Drilling	BORE SB-34 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Sunny, Clear	Borehole Diameter: 3 in. O.D.	

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
						Surface Condition: Grass
						Lithologic Description
	Hand Auger	X	SB-34-0.5		0.0	
	X		SB-34-3		0.0	
5	The bore was terminated at approximately 3.5 ft. below ground surface.					
	<p style="text-align: right;"><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion.</p> <p style="text-align: right;"><u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 08, 2017.</p>					
10						
15						

 KLEINFELDER <i>Bright People. Right Solutions.</i>	PROJECT NO.: 20172062	BORE SB-34 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-38	PAGE: 1 of 1
DATE:			
REVISED:	-		

Date Begin - End: 12/08/2017	Drilling Company: Cascade Drilling	BORE SB-35 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Sunny, Clear	Borehole Diameter: 3 in. O.D.	



FIELD EXPLORATION							
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	
						Surface Condition: Grass	
						Lithologic Description	
	Hand Auger	X	SB-35-0.5		0.0	 Well-Graded SAND with Clay (SW-SC): dark brown, moist	
		X	SB-35-3		0.0	0.0	 Poorly Graded SAND (SP): reddish brown, dry
5	The bore was terminated at approximately 3.5 ft. below ground surface.					<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 08, 2017.	
10							
15							

 KLEINFELDER <i>Bright People. Right Solutions.</i>	PROJECT NO.: 20172062	BORE SB-35 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-39	
DATE:			PAGE: 1 of 1
REVISED: -			

Date Begin - End: 12/15/2017
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-36 LOG

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	⊗	SB-36-0.5		0.0		Well-Graded SAND with Clay (SW-SC): dark brown, moist		
							Well-Graded SAND (SW): yellowish brown, dry		
5	The bore was terminated at approximately 3.5 ft. below ground surface.							<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 15, 2017.	






PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-36 LOG
 Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

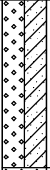

APPENDIX
B-40
 PAGE: 1 of 1


Date Begin - End: 12/15/2017	Drilling Company: Cascade Drilling	BORE SB-37 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Sunny, Clear	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	⊗	SB-37-0.5		0.0		Well-Graded SAND with Clay (SW-SC): dark brown		
							Well-Graded SAND (SW): yellowish brown		
5	The bore was terminated at approximately 3.5 ft. below ground surface.							<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 15, 2017.	

 KLEINFELDER <i>Bright People. Right Solutions.</i>	PROJECT NO.: 20172062	BORE SB-37 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-41	PAGE: 1 of 1
DATE:			
REVISED: -			

Date Begin - End: 12/15/2017	Drilling Company: Cascade Drilling	BORE SB-38 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Sunny, Clear	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	⊗	SB-38-0.5		0.0		Well-Graded SAND with Clay (SW-SC): dark brown, moist		
							Well-Graded SAND (SW): reddish brown, dry		
5	The bore was terminated at approximately 3.5 ft. below ground surface.							<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 15, 2017.	
10									
15									

 <p>KLEINFELDER Bright People. Right Solutions.</p>	PROJECT NO.: 20172062	BORE SB-38 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-42	PAGE: 1 of 1
DATE:			
REVISED: -			

Date Begin - End: 12/15/2017
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-39 LOG

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
						Surface Condition: Grass
						Lithologic Description
	Hand Auger	X	SB-39-0.5		0.0	Well-Graded SAND with Clay (SW-SC): dark brown, moist
						Well-Graded SAND (SW): brown, dry
5						<p>The bore was terminated at approximately 3.5 ft. below ground surface.</p> <p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion.</p> <p><u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 15, 2017.</p>
10						
15						



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-39 LOG

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX

B-43

PAGE: 1 of 1

Date Begin - End: 12/15/2017
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-40 LOG

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
						Surface Condition: Grass
						Lithologic Description
	Hand Auger	⊗	SB-40-0.5		0.0	<p>Well-Graded SAND with Clay (SW-SC): dark brown, moist</p> <p>Well-Graded SAND (SW): reddish brown, dry</p>
5						<p>The bore was terminated at approximately 3.5 ft. below ground surface.</p> <p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 15, 2017.</p>
10						
15						



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-40 LOG

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX

B-44

PAGE: 1 of 1

Date Begin - End: 12/15/2017
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-41 LOG

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
						Surface Condition: Grass
						Lithologic Description
	Hand Auger	⊗	SB-41-0.5		0.0	<p>Well-Graded SAND with Clay (SW-SC): dark brown, moist</p> <p>Well-Graded SAND (SW): yellowish brown, dry</p>
5						<p>The bore was terminated at approximately 3.5 ft. below ground surface.</p> <p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 15, 2017.</p>
10						
15						



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-41 LOG

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX

B-45

PAGE: 1 of 1

Date Begin - End: 12/15/2017
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-42 LOG

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
						Surface Condition: Grass
						Lithologic Description
	Hand Auger	X	SB-42-0.5		0.0	Well-Graded SAND with Clay (SW-SC): dark brown, moist
						Well-Graded SAND (SW): reddish brown, dry
5						<p>The bore was terminated at approximately 3.5 ft. below ground surface.</p> <p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 15, 2017.</p>
10						
15						



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-42 LOG

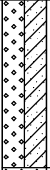

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA


APPENDIX

B-46

PAGE: 1 of 1

Date Begin - End: 12/15/2017	Drilling Company: Cascade Drilling	BORE SB-43 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Sunny, Clear	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	⊗	SB-43-0.5		0.0		Well-Graded SAND with Clay (SW-SC): dark brown, moist		
							Well-Graded SAND (SW): reddish brown, dry		
5	The bore was terminated at approximately 3.5 ft. below ground surface.							<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 15, 2017.	
10									
15									

 KLEINFELDER <i>Bright People. Right Solutions.</i>	PROJECT NO.: 20172062	BORE SB-43 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-47	PAGE: 1 of 1
DATE:			
REVISED: -			

Date Begin - End: 12/15/2017
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-44 LOG

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
						Surface Condition: Grass
						Lithologic Description
	Hand Auger	⊗	SB-44-0.5		0.0	<p>Well-Graded SAND with Clay (SW-SC): dark brown, moist</p> <p>Well-Graded (SW): reddish brown, dry</p>
5						<p>The bore was terminated at approximately 3.5 ft. below ground surface.</p> <p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 15, 2017.</p>



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-44 LOG

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX

B-48

PAGE: 1 of 1

Date Begin - End: 12/15/2017
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Sunny, Clear

Drilling Company: Cascade Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-45 LOG

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
						Surface Condition: Grass
						Lithologic Description
	Hand Auger		SB-45-0.5		0.0	<p>SAND with Clay (SW-SC): dark brown, moist</p> <p>Well-Graded SAND (SW): reddish brown, dry</p>
5						<p>The bore was terminated at approximately 3.5 ft. below ground surface.</p> <p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on December 15, 2017.</p>
10						
15						



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-45 LOG

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX



B-49

PAGE: 1 of 1

Date Begin - End: 1/25/2018
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Light Rain

Drilling Company: Taber Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-46 LOG

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	⊗	SB-46-0.5		0.0		Well-Graded SAND with Clay (SW-SC): dark brown, moist		
							Well-Graded SAND (SW): red, dry		
5	The bore was terminated at approximately 3.5 ft. below ground surface.							<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on January 25, 2018.	
10									
15									



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-46 LOG
 Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX
B-50
 PAGE: 1 of 1

Date Begin - End: 1/25/2018
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Light Rain

Drilling Company: Taber Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-47 LOG

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
						Surface Condition: Grass
						Lithologic Description
	Hand Auger	X	SB-47-0.5		0.0	Well-Graded SAND with Clay (SW-SC): dark brown, moist
						Well-Graded SAND (SW): yellowish brown, dry
5						<p>The bore was terminated at approximately 3.5 ft. below ground surface.</p> <p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion.</p> <p><u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on January 25, 2018.</p>
10						
15						



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-47 LOG

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX

B-51

PAGE: 1 of 1

Date Begin - End: 1/25/2018
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Light Rain

Drilling Company: Taber Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-48 LOG

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
						Surface Condition: Grass
						Lithologic Description
	Hand Auger	⊗	SB-48-0.5		0.0	Well-Graded SAND with Clay (SW-SC): dark brown, moist
						Well-Graded SAND (SW): red, dry
5						<p>The bore was terminated at approximately 3.5 ft. below ground surface.</p> <p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion.</p> <p><u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on January 25, 2018.</p>
10						
15						



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-48 LOG

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX

B-52

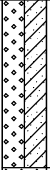

PAGE: 1 of 1


Date Begin - End: 1/25/2018	Drilling Company: Taber Drilling	BORE SB-49 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Light Rain	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	⊗	SB-49-0.5		0.0		Well-Graded SAND with Clay (SW-SC): dark brown, moist		
							Well-Graded SAND (SW): reddish brown, dry		
5	The bore was terminated at approximately 3.5 ft. below ground surface.							<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on January 25, 2018.	
10									
15									

	PROJECT NO.: 20172062	BORE SB-49 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:	Costco Loomis Supplemental ESA SEC Brace Rd and Sierra College Blvd Loomis, CA		B-53
DATE:			
REVISED: -			PAGE: 1 of 1


Date Begin - End: 1/25/2018	Drilling Company: Taber Drilling	BORE SB-50 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Light Rain	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	⊗	SB-50-0.5		0.0		Well-Graded SAND with Clay (SW-SC): dark brown, moist		
							Well-Graded SAND (SW): brown, dry		
5	The bore was terminated at approximately 3.5 ft. below ground surface.							<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on January 25, 2018.	
10									
15									

 <p>KLEINFELDER Bright People. Right Solutions.</p>	PROJECT NO.: 20172062	BORE SB-50 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-54	
DATE:			
REVISED: -		PAGE: 1 of 1	

Date Begin - End: 1/25/2018	Drilling Company: Taber Drilling	BORE SB-51 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Light Rain	Borehole Diameter: 3 in. O.D.	

FIELD EXPLORATION							
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	
						Surface Condition: Grass	
						Lithologic Description	
	Hand Auger	⊗	SB-51-0.5		0.0	<div style="border: 1px solid black; padding: 2px;">Well-Graded SAND with Clay (SW-SC): dark brown, moist</div> <div style="border: 1px solid black; padding: 2px;">Well-Graded SAND (SW): reddish brown, dry</div>	
5	The bore was terminated at approximately 3.5 ft. below ground surface.					<p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion.</p> <p><u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on January 25, 2018.</p>	
10							
15							

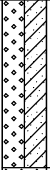

 KLEINFELDER <i>Bright People. Right Solutions.</i>	PROJECT NO.: 20172062	BORE SB-51 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-55	PAGE: 1 of 1
DATE:			
REVISED:	-		


Date Begin - End: 1/25/2018	Drilling Company: Taber Drilling	BORE SB-52 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Light Rain	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	⊗	SB-52-0.5		0.0		Well-Graded SAND with Clay (SW-SC): dark brown, moist		
							Well-Graded SAND (SW): reddish yellow, dry		
5	The bore was terminated at approximately 3.5 ft. below ground surface.							<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on January 25, 2018.	
10									
15									

	PROJECT NO.: 20172062	BORE SB-52 LOG	APPENDIX
	DRAWN BY: SEB		
	CHECKED BY:	Costco Loomis Supplemental ESA SEC Brace Rd and Sierra College Blvd Loomis, CA	B-56
	DATE:		
	REVISED: -		
		PAGE: 1 of 1	

Date Begin - End: 1/25/2018	Drilling Company: Taber Drilling	BORE SB-53 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Light Rain	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	⊗	SB-53-0.5		0.0		Well-Graded SAND with Clay (SW-SC): dark brown, moist		
							Well-Graded SAND (SW): light brown, dry		
5	The bore was terminated at approximately 3.5 ft. below ground surface.							<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on January 25, 2018.	
10									
15									

 KLEINFELDER <i>Bright People. Right Solutions.</i>	PROJECT NO.: 20172062	BORE SB-53 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-57	PAGE: 1 of 1
DATE:			
REVISED: -			

Date Begin - End: 1/25/2018
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Light Rain

Drilling Company: Taber Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-54 LOG

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
						Surface Condition: Grass
						Lithologic Description
	Hand Auger	⊗	SB-54-0.5		0.0	Well-Graded SAND with Clay (SW-SC): dark brown, moist
						Well-Graded SAND (SW): brown, dry
5						<p>The bore was terminated at approximately 3.5 ft. below ground surface.</p> <p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion.</p> <p><u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on January 25, 2018.</p>
10						
15						



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-54 LOG

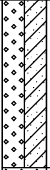

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA


APPENDIX

B-58

PAGE: 1 of 1

Date Begin - End: 1/25/2018	Drilling Company: Taber Drilling	BORE SB-55 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Light Rain	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	⊗	SB-55-0.5		0.0		Well-Graded SAND with Clay (SW-SC): dark brown, moist		
							Well-Graded SAND (SW): reddish brown, dry		
5	The bore was terminated at approximately 3.5 ft. below ground surface.							<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on January 25, 2018.	
10									
15									

 <p>KLEINFELDER Bright People. Right Solutions.</p>	PROJECT NO.: 20172062	BORE SB-55 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-59	
DATE:			
REVISED: -		PAGE: 1 of 1	

Date Begin - End: 1/25/2018
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Light Rain

Drilling Company: Taber Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-56 LOG

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
						Surface Condition: Grass
						Lithologic Description
	Hand Auger	⊗	SB-56-0.5		0.0	Well-Graded SAND with Clay (SW-SC): dark brown, moist
						Well-Graded SAND (SW): reddish yellow, dry
5						<p>The bore was terminated at approximately 3.5 ft. below ground surface.</p> <p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion.</p> <p><u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on January 25, 2018.</p>
10						
15						



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-56 LOG

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX

B-60

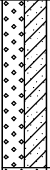

PAGE: 1 of 1


Date Begin - End: 1/25/2018	Drilling Company: Taber Drilling	BORE SB-57 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Light Rain	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	⊗	SB-57-0.5		0.0		Well-Graded SAND with Clay (SW-SC): dark brown, moist		
							Well-Graded SAND (SW): reddish brown, dry		
5	The bore was terminated at approximately 3.5 ft. below ground surface.							<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on January 25, 2018.	
10									
15									

	PROJECT NO.: 20172062	BORE SB-57 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-61	PAGE: 1 of 1
DATE:			
REVISED:	-		

Date Begin - End: 1/25/2018	Drilling Company: Taber Drilling	BORE SB-58 LOG
Logged By: B. Connelly	Drill Crew:	
Hor.-Vert. Datum: Not Available	Drilling Equipment:	
Plunge: -90 degrees	Drilling Method: See Drilling Method Column	
Weather: Light Rain	Borehole Diameter: 3 in. O.D.	

Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log	FIELD EXPLORATION		
							Surface Condition: Grass	Lithologic Description	
	Hand Auger	⊗	SB-58-0.5		0.0		Well-Graded SAND with Clay (SW-SC): dark brown, moist		
							Well-Graded SAND (SW): red, dry		
5	The bore was terminated at approximately 3.5 ft. below ground surface.							<u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion. <u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on January 25, 2018.	
10									
15									

 <p>KLEINFELDER Bright People. Right Solutions.</p>	PROJECT NO.: 20172062	BORE SB-58 LOG	APPENDIX
	DRAWN BY: SEB		
CHECKED BY:		B-62	PAGE: 1 of 1
DATE:			
REVISED: -			

Date Begin - End: 1/25/2018
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Light Rain

Drilling Company: Taber Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-59 LOG

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
						Surface Condition: Grass
						Lithologic Description
	Hand Auger	⊗	SB-59-0.5		0.0	<p>Well-Graded SAND with Clay (SW-SC): dark brown, moist</p> <p>Well-Graded SAND (SW): reddish brown, dry</p>
5						<p>The bore was terminated at approximately 3.5 ft. below ground surface.</p> <p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion.</p> <p><u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on January 25, 2018.</p>
10						
15						



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-59 LOG

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX

B-63

PAGE: 1 of 1

Date Begin - End: 1/25/2018
Logged By: B. Connelly
Hor.-Vert. Datum: Not Available
Plunge: -90 degrees
Weather: Light Rain

Drilling Company: Taber Drilling
Drill Crew:
Drilling Equipment:
Drilling Method: See Drilling Method Column
Borehole Diameter: 3 in. O.D.

BORE SB-60 LOG

FIELD EXPLORATION						
Depth (feet)	Drilling Method	Sample Type	Sample Number	Recovery (NR=No Recovery)	PID (ppmv)	Graphical Log
						Surface Condition: Grass
						Lithologic Description
	Hand Auger	⊗	SB-60-0.5		0.0	<p>Well-Graded SAND with Clay (SW-SC): dark brown, moist</p> <p>Well-Graded SAND (SW): reddish brown, dry</p>
5						<p>The bore was terminated at approximately 3.5 ft. below ground surface.</p> <p><u>GROUNDWATER LEVEL INFORMATION:</u> Groundwater was not observed during drilling or after completion.</p> <p><u>GENERAL NOTES:</u> ft. = feet. in. = inches. O.D. = outer diameter. ppmv = parts per million by volume. A photoionization detector (PID) was used for environmental field screening. The bore was backfilled with Portland cement grout mixed with 5-percent bentonite on January 25, 2018.</p>
10						
15						



PROJECT NO.: 20172062
 DRAWN BY: SEB
 CHECKED BY:
 DATE:
 REVISED: -

BORE SB-60 LOG

Costco Loomis Supplemental ESA
 SEC Brace Rd and Sierra College Blvd
 Loomis, CA

APPENDIX

B-64

PAGE: 1 of 1

GROUNDWATER SAMPLING DATA SHEETS

Groundwater Sampling Datasheet, Grab Sample

Location ID: GW-1
Project Name: Cotsco Loomis
Project Number: 20172062
Project Location: Sierra College Parkway and
Branch Road
Loomis, CA
Depth to Water, bgs: 8.78 ft
Total Well Depth, bgs: 18.5 ft
Purge Volume: 20 L
Purge Method: Bailer
Sample Method: Peristaltic

Sample ID: GW-1
Date Gauged: 1/25/2018
Date Purged: 1/25/2018
Date Sampled: 1/25/2018
Time Sampled: 12:30
Casing Diameter: 2"
Well Condition: Good
Vapor Reading: 0.0 ppm
Presence of NAPL: None obs.

Water Quality Parameters

Oxidation Reduction Potential, mV	Specific Conductivity, mS/cm	Temperature, °C	Dissolved Oxygen, mg/L	pH	Turbidity, NTU	Odor
+112	0.542	16.25	4.62	7.44	313	none

Sample Containers: 2 x 500 mL amber jar

Analysis Requested: TPH-DRO by USEPA 8015B

Notes: Well was given a quick development in the morning (~9:30 AM) by driller, about 20 Liters was bailed from the well.

Groundwater Sampling Datasheet, Grab Sample

Location ID: GW-2	Sample ID: GW-2
Project Name: Cotsco Loomis	Date Gauged: 1/25/2018
Project Number: 20172062	Date Purged: 1/25/2018
Project Location: Sierra College Parkway and Branch Road Loomis, CA	Date Sampled: 1/25/2018
Depth to Water, bgs: 3.25 ft	Time Sampled: 12:15
Total Well Depth, bgs: 11.2 ft	Casing Diameter: 2"
Purge Volume: 12 L	Well Condition: OK
Purge Method: Bailer	Vapor Reading: 0.0 ppm
Sample Method: Peristaltic	Presence of NAPL: None obs.

Water Quality Parameters

Oxidation Reduction Potential, mV	Specific Conductivity, mS/cm	Temperature, °C	Dissolved Oxygen, mg/L	pH	Turbidity, NTU	Odor
-250	0.912	16.05	3.84	7.72	563	none

Sample Containers: 2 x 9 oz jar

Analysis Requested: TPH-DRO by USEPA 8015B

Notes: Well was given a quick development in the morning (~9:00 AM) by driller, about 12 Liters was bailed from the well. The recharge was a bit slower at this location compared to the other wells.

Groundwater Sampling Datasheet, Grab Sample

Location ID: GW-3	Sample ID: GW-3
Project Name: Cotsco Loomis	Date Gauged: 1/25/2018
Project Number: 20172062	Date Purged: 1/25/2018
Project Location: Sierra College Parkway and Branch Road	Date Sampled: 1/25/2018
Loomis, CA	Time Sampled: 0:00
Depth to Water, bgs: 3.63 ft	Casing Diameter: 2"
Total Well Depth, bgs: 10.5 ft	Well Condition: OK
Purge Volume: 20 L	Vapor Reading: 0.0 ppm
Purge Method: Bailer	Presence of NAPL: None obs.
Sample Method: Peristaltic	

Water Quality Parameters

Oxidation Reduction Potential, mV	Specific Conductivity, mS/cm	Temperature, °C	Dissolved Oxygen, mg/L	pH	Turbidity, NTU	Odor
+84	0.792	15.93	6.18	8.22	800	none

Sample Containers: 2 x 500mL amber bottle

Analysis Requested: TPH-DRO by USEPA 8015B

Notes: Well was given a quick development in the morning (~8:30 AM) by driller, about 20 Liters was bailed from the well.

LABORATORY ANALYTICAL REPORTS

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

December 14, 2017

CLS Work Order #: 17L0349
COC #: 184190, 184191, 184193,
184194

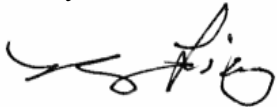
Paolo Dizon
Kleinfelder (Irvine)
2 Ada Ste 250
irvine, CA 92618

Project Name: Costco Loomis

Enclosed are the results of analyses for samples received by the laboratory on 12/07/17 16:48. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,



James Liang, Ph.D.
Laboratory Director

REPORT TO:			CLIENT JOB NUMBER			ANALYSIS REQUESTED				GEOTRACKER:					
NAME AND ADDRESS <u>Paulo Picon, Kleinfelder</u>			<u>20172062</u>			PRESERVATIVES <u>Lead and Arsenic 60169</u>				EDF REPORT <input type="checkbox"/> YES <input type="checkbox"/> NO					
<u>2 Ada</u>			DESTINATION LABORATORY							GLOBAL ID: _____					
<u>Irvine, CA</u>			<input checked="" type="checkbox"/> CLS (916) 638-7301 3249 FITZGERALD RD. RANCHO CORDOVA, CA. 95742							COMPOSITE: _____					
PROJECT MANAGER <u>Paulo Picon</u> PHONE # _____			<input type="checkbox"/> OTHER							FIELD CONDITIONS: _____					
PROJECT NAME <u>Costco Cosmis</u>										TURN AROUND TIME				SPECIAL INSTRUCTIONS	
SAMPLED BY <u>Brandon Connelly</u>						1 DAY				OR					
JOB DESCRIPTION <u>Ph II</u>						2 DAY				ALT. ID:					
SITE LOCATION						3 DAY				5 DAY					
DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO	TYPE										
<u>12-07-17</u>	<u>0830</u>	<u>SB-02-0.5</u>	<u>Soil</u>	<u>1</u>	<u>Pic</u>	<u>X</u>									
	<u>0845</u>	<u>SB-02-3</u>			<u>↓</u>	<u>X</u>									
	<u>0845</u>	<u>SB-10-0.5</u>			<u>Steel</u>	<u>X</u>									
	<u>0850</u>	<u>SB-10-3</u>				<u>X</u>									
	<u>0855</u>	<u>SB-12-0.5</u>				<u>X</u>									
	<u>0900</u>	<u>SB-12-3</u>			<u>↓</u>	<u>X</u>									
	<u>0910</u>	<u>SB-08-0.5</u>			<u>Jar</u>	<u>X</u>									
	<u>0915</u>	<u>SB-08-3</u>				<u>X</u>									
	<u>0920</u>	<u>SB-05-0.5</u>				<u>X</u>									
	<u>0925</u>	<u>SB-05-3</u>				<u>X</u>									
	<u>0930</u>	<u>SB-06-0.5</u>				<u>X</u>									
	<u>0940</u>	<u>SB-06-3</u>				<u>X</u>									
	<u>0945</u>	<u>SB-07-0.5</u>				<u>X</u>									
SUSPECTED CONSTITUENTS						PRESERVATIVES: (1) HCL (2) HNO ₃ (3) = COLD (4) = NaOH (5) = H ₂ SO ₄ (6) = Na ₂ S ₂ O ₅ (7) =									
RELINQUISHED BY (SIGN)			PRINT NAME / COMPANY			DATE / TIME			RECEIVED BY (SIGN)			PRINT NAME / COMPANY			
			<u>Brandon Connelly, KLF</u>			<u>12-07-17/1600</u>						<u>CONRAD JR/CL</u>			
REC'D AT LAB BY			DATE / TIME			CONDITIONS / COMMENTS			AIR BILL #						
			<u>12-7-17/1640</u>			<u>CL</u>									
SHIPPED BY:			<input checked="" type="checkbox"/> FED X			<input type="checkbox"/> UPS			<input checked="" type="checkbox"/> OTHER						

Gold-Project Mgr. Field Sampler Terms and Conditions
Pink- Origin Terms and Conditions
Yellow- Lab file copy Terms and Conditions
White-Lab Terms and conditions

REPORT TO:			CLIENT JOB NUMBER			ANALYSIS REQUESTED				GEOTRACKER:							
NAME AND ADDRESS Klein Felder 2 Adn Circle 250 Irvine, CA 92618 PHONE#			20172062			PRESERVATIVES 50100 Lead and Arsenic 6010				EDF REPORT <input type="checkbox"/> YES <input type="checkbox"/> NO							
PROJECT MANAGER Pablo Picon			DESTINATION LABORATORY							GLOBAL ID: _____							
PROJECT NAME Cosco Loomis			<input checked="" type="checkbox"/> CLS (916) 638-7301 3249 FITZGERALD RD. RANCHO CORDOVA, CA 95742							COMPOSITE:							
SAMPLED BY Brandon Connolly			<input type="checkbox"/> OTHER							FIELD CONDITIONS:							
JOB DESCRIPTION										TURN AROUND TIME							
SITE LOCATION										SPECIAL INSTRUCTIONS							
										OR							
										ALT. ID:							
DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO. TYPE						1 DAY	2 DAY	3 DAY	5 DAY				
12-07-17	0950	SB-07-3	Soil	1	SAR								X				
	1000	SB-04-0.5															
	1005	SB-04-3															
	1010	SB-03-0.5															
	1015	SB-03-3															
	1020	SB-01-0.5															
	1025	SB-01-3															
	1035	SB-09-0.5															
	1040	SB-09-3															
	1100	SB-11-0.5															
	1105	SB-11-3															
	1215	SB-13-3															
	1220	SB-14-0.5															
SUSPECTED CONSTITUENTS						PRESERVATIVES:											
						(1) HCl (2) HNO ₃				(3) = COLD (4) = NaOH (5) = H ₂ SO ₄ (6) = Na ₂ S ₂ O ₈ (7) =							
RELINQUISHED BY (SIGN)			PRINT NAME / COMPANY			DATE / TIME			RECEIVED BY (SIGN)			PRINT NAME / COMPANY					
			Brandon Connolly / KLF			12-07-17 / 1600						KLF					
			KLF			12/17/17 10:18						KLF					
REC'D AT LAB BY						DATE / TIME						CONDITIONS / COMMENTS					
						12-17-17 10:18											
SHIPPED BY:			<input type="checkbox"/> FED X <input type="checkbox"/> UPS <input checked="" type="checkbox"/> OTHER			AIR BILL #											

White-Lab Terms and Conditions Yellow-Lab file copy Terms and Conditions Pink-Original Terms and Conditions Gold-Project Mgr Field Sampler Terms and Conditions

CLS - Labs

CHAIN OF CUSTODY

CLS ID No.: 17203401 LOG No 184193

REPORT TO:			CLIENT JOB NUMBER			ANALYSIS REQUESTED					GEOTRACKER:	
NAME AND ADDRESS <u>Kleinfelder</u> <u>2 ADA St. 250</u> <u>Leominster, MA 01453</u>			<u>20172062</u>			PRESERVATIVES <u>Lead and Arsenic 6000</u>					EDF REPORT <input type="checkbox"/> YES <input type="checkbox"/> NO	
PROJECT MANAGER <u>Peter Bizon</u> PHONE#			DESTINATION LABORATORY <input checked="" type="checkbox"/> CLS (916) 638-7301 3249 FITZGERALD RD RANCHO CORDOVA, CA 95742								GLOBAL ID: _____	
PROJECT NAME <u>Costa Loomis</u>			<input type="checkbox"/> OTHER			COMPOSITE:					FIELD CONDITIONS:	
SAMPLED BY <u>Brandon Connelly</u>						TURN AROUND TIME					SPECIAL INSTRUCTIONS	
JOB DESCRIPTION											OR	
SITE LOCATION											ALT.	
DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO. TYPE		1 DAY	2 DAY	3 DAY	5 DAY			
<u>12/27/17</u>	<u>1225</u>	<u>SB-14-3</u>	<u>Soil</u>	<u>1</u>	<u>JAL</u>	<u>X</u>			<u>X</u>			
	<u>1230</u>	<u>SB-15-0.5</u>				<u>X</u>						
	<u>1235</u>	<u>SB-15-3</u>				<u>X</u>						
	<u>1240</u>	<u>SB-16-0.5</u>				<u>X</u>						
	<u>1245</u>	<u>SB-16-3</u>				<u>X</u>						
	<u>1250</u>	<u>SB-17-0.5</u>				<u>X</u>						
	<u>1255</u>	<u>SB-17-3</u>				<u>X</u>						
	<u>1300</u>	<u>SB-18-0.5</u>				<u>X</u>						
	<u>1305</u>	<u>SB-18-3</u>				<u>X</u>						
	<u>1315</u>	<u>SB-22-0.5</u>				<u>X</u>						
	<u>1320</u>	<u>SB-22-3</u>				<u>X</u>						
	<u>1330</u>	<u>SB-20-0.5</u>				<u>X</u>						
	<u>1335</u>	<u>SB-20-3</u>				<u>X</u>						
SUSPECTED CONSTITUENTS						PRESERVATIVES: (1) HCL (2) HNO3 (3) - COLD (4) - NaOH (5) - H2SO4 (6) - Na2S2O8 (7) -						
RELINQUISHED BY (SIGN)		PRINT NAME / COMPANY		DATE / TIME		RECEIVED BY (SIGN)		PRINT NAME / COMPANY				
		<u>Brandon Connelly / KLP</u>		<u>12-27-17 1600</u>				<u>CONRAD JR / CL</u>				
		<u>PB</u>		<u>12/17/17 1648H</u>								
RECD AT LAB BY:						DATE / TIME: <u>12-17-17 1648H</u>						
SHIPPED BY: <input checked="" type="checkbox"/> FED X <input type="checkbox"/> UPS <input checked="" type="checkbox"/> OTHER <u>PB</u>						CONDITIONS / COMMENTS: _____						
						AIR BILL # _____						

White-Lab Terms and conditions Pink-Original Terms and Conditions Yellow-Lab file copy/terms and conditions Gold-Project Mgr/Field Sampler/Terms and conditions

CLS - Labs

CHAIN OF CUSTODY

CLS ID No.; 1720349

LOG No 184191

REPORT TO:			CLIENT JOB NUMBER			ANALYSIS REQUESTED				GEOTRACKER:				
NAME AND ADDRESS Kleinfelder 2 Ada St 250 Irvine, CA 92618			20172062			PRESERVATIVES 20109 Insulin and Argonin 6015				EDF REPORT <input type="checkbox"/> YES <input type="checkbox"/> NO				
PROJECT MANAGER Paolo Orton			DESTINATION LABORATORY							GLOBAL ID: _____				
PROJECT NAME Costco Loomis			<input checked="" type="checkbox"/> CLS (916) 638-7301 3249 FITZGERALD RD. RANCHO CORDOVA, CA, 95742							COMPOSITE:				
SAMPLED BY Brandon Connolly			<input type="checkbox"/> OTHER							FIELD CONDITIONS:				
JOB DESCRIPTION										TURN AROUND TIME				
SITE LOCATION										SPECIAL INSTRUCTIONS				
										OR				
										ALT. ID:				
DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO	TYPE									
12-07-17	1345	SB-25-3	Soil	1	5K	X								
↓	1355	SB-26-0.5	↓	↓	↓	X								
↓	1400	SB-26-3	↓	↓	↓	X								
<div style="border: 1px solid black; width: 100%; height: 100%; transform: rotate(-15deg); opacity: 0.5;"></div>														
SUSPECTED CONSTITUENTS						PRESERVATIVES:								
						(1) HCL (2) HNO ₃		(3) = COLD (4) = NaOH		(5) = H ₂ SO ₄ (6) = Na ₂ S ₂ O ₃				
RELINQUISHED BY (SIGN)			PRINT NAME / COMPANY			DATE / TIME			RECEIVED BY (SIGN)			PRINT NAME / COMPANY		
			Brandon Connolly / KLF CLS			12-07-17 1600 P/17/17 1650H						BRANDON R / CLI		
REC'D AT LAB BY			DATE / TIME			CONDITIONS / COMMENTS								
			12-7-17 1645											
SHIPPED BY:			<input type="checkbox"/> FED X			<input type="checkbox"/> UPS			<input checked="" type="checkbox"/> OTHER			AIR BILL #		

Gold-Project Mgr / Field Sampler Terms and Conditions
Pink - Origin Terms and Conditions
Yellow - Lab file copy Terms and Conditions
White - Lab Terms and conditions

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 17L0349 COC #: 184190, 184191, 184193, 184194
---	--	---

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-02-0.5 (17L0349-01) Soil Sampled: 12/07/17 08:30 Received: 12/07/17 16:48									
Arsenic	2.7	1.0	mg/kg	10	1709442	12/09/17	12/11/17	EPA 6020	
Lead	16	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-02-3 (17L0349-02) Soil Sampled: 12/07/17 08:35 Received: 12/07/17 16:48									
Arsenic	3.6	1.0	mg/kg	10	1709442	12/09/17	12/11/17	EPA 6020	
Lead	23	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-10-0.5 (17L0349-03) Soil Sampled: 12/07/17 08:45 Received: 12/07/17 16:48									
Arsenic	1.3	1.0	mg/kg	10	1709442	12/09/17	12/11/17	EPA 6020	
Lead	2.9	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-10-3 (17L0349-04) Soil Sampled: 12/07/17 08:50 Received: 12/07/17 16:48									
Arsenic	1.5	1.0	mg/kg	10	1709442	12/09/17	12/11/17	EPA 6020	
Lead	4.4	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-12-0.5 (17L0349-05) Soil Sampled: 12/07/17 08:55 Received: 12/07/17 16:48									
Arsenic	14	1.0	mg/kg	10	1709442	12/09/17	12/11/17	EPA 6020	
Lead	76	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-12-3 (17L0349-06) Soil Sampled: 12/07/17 09:00 Received: 12/07/17 16:48									
Arsenic	1.2	1.0	mg/kg	10	1709442	12/09/17	12/11/17	EPA 6020	
Lead	ND	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-08-0.5 (17L0349-07) Soil Sampled: 12/07/17 09:10 Received: 12/07/17 16:48									
Arsenic	24	1.0	mg/kg	10	1709442	12/09/17	12/11/17	EPA 6020	
Lead	87	2.5	"	"	"	"	"	EPA 6010B	ICP/MS

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 17L0349 COC #: 184190, 184191, 184193, 184194
---	--	--

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-08-3 (17L0349-08) Soil Sampled: 12/07/17 09:15 Received: 12/07/17 16:48									
Arsenic	1.2	1.0	mg/kg	10	1709442	12/09/17	12/11/17	EPA 6020	
Lead	2.7	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-05-3 (17L0349-10) Soil Sampled: 12/07/17 09:25 Received: 12/07/17 16:48									
Arsenic	1.5	1.0	mg/kg	10	1709442	12/09/17	12/11/17	EPA 6020	
Lead	2.9	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-06-0.5 (17L0349-11) Soil Sampled: 12/07/17 09:30 Received: 12/07/17 16:48									
Arsenic	ND	1.0	mg/kg	10	1709442	12/09/17	12/11/17	EPA 6020	
Lead	4.0	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-06-3 (17L0349-12) Soil Sampled: 12/07/17 09:40 Received: 12/07/17 16:48									
Arsenic	1.3	1.0	mg/kg	10	1709442	12/09/17	12/11/17	EPA 6020	
Lead	5.3	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-07-0.5 (17L0349-13) Soil Sampled: 12/07/17 09:45 Received: 12/07/17 16:48									
Arsenic	17	1.0	mg/kg	10	1709442	12/09/17	12/11/17	EPA 6020	
Lead	73	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-07-3 (17L0349-14) Soil Sampled: 12/07/17 09:50 Received: 12/07/17 16:48									
Arsenic	1.5	1.0	mg/kg	10	1709442	12/09/17	12/11/17	EPA 6020	
Lead	3.4	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-04-0.5 (17L0349-15) Soil Sampled: 12/07/17 10:00 Received: 12/07/17 16:48									
Arsenic	1.3	1.0	mg/kg	10	1709442	12/09/17	12/11/17	EPA 6020	
Lead	4.7	2.5	"	"	"	"	"	EPA 6010B	ICP/MS

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 17L0349 COC #: 184190, 184191, 184193, 184194
---	--	---

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-04-3 (17L0349-16) Soil Sampled: 12/07/17 10:05 Received: 12/07/17 16:48									
Arsenic	1.1	1.0	mg/kg	10	1709442	12/09/17	12/11/17	EPA 6020	
Lead	ND	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-03-0.5 (17L0349-17) Soil Sampled: 12/07/17 10:10 Received: 12/07/17 16:48									
Arsenic	1.3	1.0	mg/kg	10	1709442	12/09/17	12/11/17	EPA 6020	
Lead	8.6	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-03-3 (17L0349-18) Soil Sampled: 12/07/17 10:15 Received: 12/07/17 16:48									
Arsenic	1.2	1.0	mg/kg	10	1709442	12/09/17	12/11/17	EPA 6020	
Lead	3.3	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-01-0.5 (17L0349-19) Soil Sampled: 12/07/17 10:20 Received: 12/07/17 16:48									
Arsenic	1.1	1.0	mg/kg	10	1709442	12/09/17	12/11/17	EPA 6020	
Lead	4.6	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-01-3 (17L0349-20) Soil Sampled: 12/07/17 10:25 Received: 12/07/17 16:48									
Arsenic	ND	1.0	mg/kg	10	1709442	12/09/17	12/11/17	EPA 6020	
Lead	2.9	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-09-0.5 (17L0349-21) Soil Sampled: 12/07/17 10:35 Received: 12/07/17 16:48									
Arsenic	31	1.0	mg/kg	10	1709442	12/09/17	12/11/17	EPA 6020	
Lead	160	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-09-3 (17L0349-22) Soil Sampled: 12/07/17 10:40 Received: 12/07/17 16:48									
Arsenic	6.3	1.0	mg/kg	10	1709443	12/09/17	12/11/17	EPA 6020	
Lead	5.3	2.5	"	"	"	"	"	EPA 6010B	ICP/MS

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 17L0349 COC #: 184190, 184191, 184193, 184194
---	--	---

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-11-0.5 (17L0349-23) Soil Sampled: 12/07/17 11:00 Received: 12/07/17 16:48									
Arsenic	2.1	1.0	mg/kg	10	1709443	12/09/17	12/11/17	EPA 6020	
Lead	5.1	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-11-3 (17L0349-24) Soil Sampled: 12/07/17 11:05 Received: 12/07/17 16:48									
Arsenic	ND	1.0	mg/kg	10	1709443	12/09/17	12/11/17	EPA 6020	
Lead	ND	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-13-3 (17L0349-25) Soil Sampled: 12/07/17 12:15 Received: 12/07/17 16:48									
Arsenic	ND	1.0	mg/kg	10	1709443	12/09/17	12/11/17	EPA 6020	
Lead	ND	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-14-0.5 (17L0349-26) Soil Sampled: 12/07/17 12:20 Received: 12/07/17 16:48									
Arsenic	1.0	1.0	mg/kg	10	1709443	12/09/17	12/11/17	EPA 6020	
Lead	3.5	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-14-3 (17L0349-27) Soil Sampled: 12/07/17 12:25 Received: 12/07/17 16:48									
Arsenic	ND	1.0	mg/kg	10	1709443	12/09/17	12/11/17	EPA 6020	
Lead	ND	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-15-0.5 (17L0349-28) Soil Sampled: 12/07/17 12:30 Received: 12/07/17 16:48									
Arsenic	1.8	1.0	mg/kg	10	1709443	12/09/17	12/11/17	EPA 6020	
Lead	17	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-15-3 (17L0349-29) Soil Sampled: 12/07/17 12:35 Received: 12/07/17 16:48									
Arsenic	ND	1.0	mg/kg	10	1709443	12/09/17	12/11/17	EPA 6020	
Lead	ND	2.5	"	"	"	"	"	EPA 6010B	ICP/MS

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 17L0349 COC #: 184190, 184191, 184193, 184194
---	--	---

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-16-0.5 (17L0349-30) Soil Sampled: 12/07/17 12:40 Received: 12/07/17 16:48									
Arsenic	8.5	1.0	mg/kg	10	1709443	12/09/17	12/11/17	EPA 6020	
Lead	37	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-16-3 (17L0349-31) Soil Sampled: 12/07/17 12:45 Received: 12/07/17 16:48									
Arsenic	ND	1.0	mg/kg	10	1709443	12/09/17	12/11/17	EPA 6020	
Lead	ND	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-17-0.5 (17L0349-32) Soil Sampled: 12/07/17 12:50 Received: 12/07/17 16:48									
Arsenic	1.1	1.0	mg/kg	10	1709443	12/09/17	12/11/17	EPA 6020	
Lead	4.2	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-17-3 (17L0349-33) Soil Sampled: 12/07/17 12:55 Received: 12/07/17 16:48									
Arsenic	1.1	1.0	mg/kg	10	1709443	12/09/17	12/11/17	EPA 6020	
Lead	3.1	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-18-0.5 (17L0349-34) Soil Sampled: 12/07/17 13:00 Received: 12/07/17 16:48									
Arsenic	1.3	1.0	mg/kg	10	1709443	12/09/17	12/11/17	EPA 6020	
Lead	4.0	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-18-3 (17L0349-35) Soil Sampled: 12/07/17 13:05 Received: 12/07/17 16:48									
Arsenic	1.5	1.0	mg/kg	10	1709443	12/09/17	12/11/17	EPA 6020	
Lead	3.7	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-22-0.5 (17L0349-36) Soil Sampled: 12/07/17 13:15 Received: 12/07/17 16:48									
Arsenic	2.0	1.0	mg/kg	10	1709443	12/09/17	12/11/17	EPA 6020	
Lead	8.3	2.5	"	"	"	"	"	EPA 6010B	ICP/MS

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 17L0349 COC #: 184190, 184191, 184193, 184194
---	--	---

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-22-3 (17L0349-37) Soil Sampled: 12/07/17 13:20 Received: 12/07/17 16:48									
Arsenic	ND	1.0	mg/kg	10	1709443	12/09/17	12/11/17	EPA 6020	
Lead	3.7	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-20-0.5 (17L0349-38) Soil Sampled: 12/07/17 13:30 Received: 12/07/17 16:48									
Arsenic	1.4	1.0	mg/kg	10	1709443	12/09/17	12/11/17	EPA 6020	
Lead	7.7	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-20-3 (17L0349-39) Soil Sampled: 12/07/17 13:35 Received: 12/07/17 16:48									
Arsenic	ND	1.0	mg/kg	10	1709443	12/09/17	12/11/17	EPA 6020	
Lead	ND	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-25-3 (17L0349-40) Soil Sampled: 12/07/17 13:45 Received: 12/07/17 16:48									
Arsenic	3.9	1.0	mg/kg	10	1709443	12/09/17	12/11/17	EPA 6020	
Lead	2.7	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-26-0.5 (17L0349-41) Soil Sampled: 12/07/17 13:55 Received: 12/07/17 16:48									
Arsenic	1.3	1.0	mg/kg	10	1709443	12/09/17	12/11/17	EPA 6020	
Lead	4.9	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-26-3 (17L0349-42) Soil Sampled: 12/07/17 14:00 Received: 12/07/17 16:48									
Arsenic	ND	1.0	mg/kg	10	1709446	12/09/17	12/14/17	EPA 6020	
Lead	2.7	2.5	"	"	"	"	"	EPA 6010B	ICP/MS

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 17L0349 COC #: 184190, 184191, 184193, 184194
---	--	--

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1709442 - EPA 3050B

Blank (1709442-BLK1)

Prepared: 12/09/17 Analyzed: 12/11/17

Lead	ND	0.25	mg/kg							
Arsenic	ND	0.10	"							

LCS (1709442-BS1)

Prepared: 12/09/17 Analyzed: 12/11/17

Lead	9.34	0.25	mg/kg	10.0		93	75-125			
Arsenic	9.44	0.10	"	10.0		94	75-125			

Matrix Spike (1709442-MS1)

Source: 17L0349-01

Prepared: 12/09/17 Analyzed: 12/11/17

Lead	24.5	2.5	mg/kg	10.0	15.8	87	75-125			
Arsenic	11.5	1.0	"	10.0	2.72	88	75-125			

Matrix Spike Dup (1709442-MSD1)

Source: 17L0349-01

Prepared: 12/09/17 Analyzed: 12/11/17

Lead	26.0	2.5	mg/kg	10.0	15.8	102	75-125	6	30	
Arsenic	12.3	1.0	"	10.0	2.72	95	75-125	7	30	

Batch 1709443 - EPA 3050B

Blank (1709443-BLK1)

Prepared: 12/09/17 Analyzed: 12/11/17

Lead	ND	0.25	mg/kg							
Arsenic	ND	0.10	"							

LCS (1709443-BS1)

Prepared: 12/09/17 Analyzed: 12/11/17

Lead	9.36	0.25	mg/kg	10.0		94	75-125			
Arsenic	9.53	0.10	"	10.0		95	75-125			

Matrix Spike (1709443-MS1)

Source: 17L0349-22

Prepared: 12/09/17 Analyzed: 12/11/17

Lead	14.0	2.5	mg/kg	10.0	5.32	87	75-125			
Arsenic	17.3	1.0	"	10.0	6.26	110	75-125			

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 17L0349 COC #: 184190, 184191, 184193, 184194
---	--	--

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1709443 - EPA 3050B

Matrix Spike Dup (1709443-MSD1)	Source: 17L0349-22			Prepared: 12/09/17 Analyzed: 12/11/17						
Lead	30.0	2.5	mg/kg	10.0	5.32	247	75-125	73	30	QM-5
Arsenic	15.2	1.0	"	10.0	6.26	90	75-125	13	30	

Batch 1709446 - EPA 3050B

Blank (1709446-BLK1)	Prepared: 12/09/17 Analyzed: 12/13/17									
Lead	ND	0.25	mg/kg							
Arsenic	ND	0.10	"							

LCS (1709446-BS1)	Prepared: 12/09/17 Analyzed: 12/13/17									
Lead	10.5	0.25	mg/kg	10.0		105	75-125			
Arsenic	8.34	0.10	"	10.0		83	75-125			

Matrix Spike (1709446-MS1)	Source: 17L0310-71			Prepared: 12/09/17 Analyzed: 12/13/17						
Lead	20.5	2.5	mg/kg	10.0	9.86	106	75-125			
Arsenic	16.2	1.0	"	10.0	7.36	88	75-125			

Matrix Spike Dup (1709446-MSD1)	Source: 17L0310-71			Prepared: 12/09/17 Analyzed: 12/13/17						
Lead	20.3	2.5	mg/kg	10.0	9.86	105	75-125	0.7	30	
Arsenic	16.5	1.0	"	10.0	7.36	91	75-125	2	30	

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 17L0349 COC #: 184190, 184191, 184193, 184194
---	--	---

Notes and Definitions

- QM-5 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- ICP/MS It was run by ICP/MS (EPA method 200.8/6020).
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

December 15, 2017

CLS Work Order #: 17L0358

COC #:

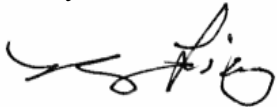
Paolo Dizon
Kleinfelder (Irvine)
2 Ada Ste 250
Irvine, CA 92618

Project Name: Costco Loomis

Enclosed are the results of analyses for samples received by the laboratory on 12/08/17 11:55. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

A handwritten signature in black ink, appearing to read 'James Liang', with a stylized flourish at the end.

James Liang, Ph.D.
Laboratory Director

CLS - Labs

CHAIN OF CUSTODY

CLS ID No.: AK038-1

LOG No: 185985

1 of 2

REPORT TO:			CLIENT JOB NUMBER			ANALYSIS REQUESTED					GEOTRACKER:							
NAME AND ADDRESS <u>Kleinfelder</u> <u>2 Ada St. 250</u> <u>Irvine, CA</u>			<u>20172062</u>			PRESERVATIVES <u>Ascorbic acid level 6009</u>					EDF REPORT <input type="checkbox"/> YES <input type="checkbox"/> NO							
PROJECT MANAGER <u>Paola Dicon</u> PHONE#			DESTINATION LABORATORY <input checked="" type="checkbox"/> CLS (916) 638-7301 3249 FITZGERALD RD. RANCHO CORDOVA, CA 95742								GLOBAL ID: _____							
PROJECT NAME <u>Cosco Leonis</u>			<input type="checkbox"/> OTHER								COMPOSITE:							
SAMPLED BY <u>Brandon Connelly</u>											FIELD CONDITIONS:							
JOB DESCRIPTION											TURN AROUND TIME							
SITE LOCATION											SPECIAL INSTRUCTIONS							
											OR							
											ALT. ID:							
DATE	TIME	SAMPLE IDENTIFICATION		MATRIX	CONTAINER		PRESERVATIVES					1 DAY	2 DAY	3 DAY	5 DAY			
					NO.	TYPE	(1) HCL	(2) HNO ₃	(3) - COLD	(4) - NaOH	(5) - H ₂ SO ₄	(6) - Na ₂ S ₂ O ₅	(7) =					
<u>12-08-17</u>	<u>0820</u>	<u>SB-21-0.5</u>	<u>Soil</u>	<u>1</u>	<u>air</u>	<u>X</u>												
	<u>0825</u>	<u>SB-21-3</u>				<u>X</u>												
	<u>0830</u>	<u>SB-19-0.5</u>				<u>X</u>												
	<u>0835</u>	<u>SB-19-3</u>				<u>X</u>												
	<u>0840</u>	<u>SB-23-0.5</u>				<u>X</u>												
	<u>0845</u>	<u>SB-23-3</u>				<u>X</u>												
	<u>0850</u>	<u>SB-24-0.5</u>				<u>X</u>												
	<u>0855</u>	<u>SB-24-3</u>				<u>X</u>												
	<u>0900</u>	<u>SB-34-0.5</u>				<u>X</u>												
	<u>0905</u>	<u>SB-34-3</u>				<u>X</u>												
	<u>0910</u>	<u>SB-32-3</u>				<u>X</u>												
	<u>0915</u>	<u>SB-35-0.5</u>				<u>X</u>												
	<u>0920</u>	<u>SB-35-3</u>				<u>X</u>												
SUSPECTED CONSTITUENTS							PRESERVATIVES:											
RELINQUISHED BY (SIGN)			PRINT NAME / COMPANY			DATE / TIME		RECEIVED BY (SIGN)					PRINT NAME / COMPANY					
			<u>Brandon Connelly / KLF</u>			<u>12-08-17 / 1155</u>												
REC'D AT LAB BY							DATE / TIME		CONDITIONS / COMMENTS									
							<u>12-8-17 1155</u>		<u>(1.7)</u>									
SHIPPED BY:			<input type="checkbox"/> RED X			<input type="checkbox"/> UPS			<input type="checkbox"/> OTHER			AIR BILL #						

Gold-Project Mgr./Field Samples/Terms and conditions
Pink-Digital/Terms and Conditions
Yellow-Lab file copy/Terms and Conditions
White-Lab/Terms and conditions

CLS - Labs

CHAIN OF CUSTODY

CLS ID No.: AL058-2 LOG No: 185986

2 of 2

REPORT TO:			CLIENT JOB NUMBER			ANALYSIS REQUESTED					GEOTRACKER:					
NAME AND ADDRESS			<u>20172062</u>			PRESERVATIVES <u>Aspic and Lead 6005</u>					EDF REPORT <input type="checkbox"/> YES <input type="checkbox"/> NO					
<u>Klein Felder</u>			DESTINATION LABORATORY								GLOBAL ID: _____					
<u>2 Ada Suite 250</u>			<input checked="" type="checkbox"/> CLS (916) 638-7301								COMPOSITE:					
<u>Irving, CA</u>			3249 FITZGERALD RD								FIELD CONDITIONS:					
PROJECT MANAGER			<input type="checkbox"/> OTHER			TURN AROUND TIME					SPECIAL INSTRUCTIONS					
<u>Paola Dixon</u>						1 DAY					OR					
PROJECT NAME						2 DAY					ALT. ID:					
<u>Costo Coom 15</u>						3 DAY										
SAMPLED BY						4 DAY										
<u>Brian Connelly</u>						5 DAY										
JOB DESCRIPTION																
SITE LOCATION																
DATE	TIME	SAMPLE IDENTIFICATION		MATRIX	CONTAINER											
					NO	TYPE										
<u>12-08-17</u>	<u>0925</u>	<u>SB-33-0.5</u>		<u>Soil</u>	<u>1</u>	<u>Jug</u>										
	<u>0930</u>	<u>SB-33-3</u>														
	<u>0935</u>	<u>SB-31-0.5</u>														
	<u>0940</u>	<u>SB-31-3</u>														
	<u>0945</u>	<u>SB-30-0.5</u>														
	<u>0950</u>	<u>SB-30-3</u>														
	<u>0955</u>	<u>SB-29-0.5</u>														
	<u>1000</u>	<u>SB-29-3</u>														
	<u>1005</u>	<u>SB-28-0.5</u>										INVOICE TO				
	<u>1010</u>	<u>SB-28-3</u>														
	<u>1015</u>	<u>SB-27-0.5</u>										PO. #				
	<u>1020</u>	<u>SB-27-3</u>										QUOTE #				
							<u>5C 120817</u>									
SUSPECTED CONSTITUENTS							PRESERVATIVES:									
							(1) HCL (2) HNO ₃					(3) = COLD (4) = NaOH				
												(5) = H ₂ SO ₄ (6) = Na ₂ S ₂ O ₈				
												(7) =				
RECEIVED BY (SIGN)			PRINT NAME / COMPANY			DATE / TIME			RECEIVED BY (SIGN)			PRINT NAME / COMPANY				
			<u>Brian Connelly / KCP</u>			<u>12-08-17 1155</u>										
REC'D AT LAB BY:							DATE / TIME:			CONDITIONS / COMMENTS:						
							<u>12/8/17 1155</u>			<u>(17)</u>						
SHIPPED BY:			<input type="checkbox"/> FED X			<input type="checkbox"/> UPS			<input type="checkbox"/> OTHER			AIR BILL #				

White Lab/Terms and conditions Yellow - Lab file copy/Terms and Conditions Pink - Origin/Terms and Conditions Gold-Project Mgr./Field Sampler/Terms and conditions

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 17L0358 COC #:
---	--	--

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-21-0.5 (17L0358-01) Soil Sampled: 12/08/17 08:20 Received: 12/08/17 11:55									
Arsenic	7.0	1.0	mg/kg	10	1709446	12/09/17	12/14/17	EPA 6020	
Lead	28	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-21-3 (17L0358-02) Soil Sampled: 12/08/17 08:25 Received: 12/08/17 11:55									
Arsenic	ND	1.0	mg/kg	10	1709446	12/09/17	12/14/17	EPA 6020	
Lead	ND	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-19-0.5 (17L0358-03) Soil Sampled: 12/08/17 08:30 Received: 12/08/17 11:55									
Arsenic	17	1.0	mg/kg	10	1709446	12/09/17	12/14/17	EPA 6020	
Lead	90	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-19-3 (17L0358-04) Soil Sampled: 12/08/17 08:35 Received: 12/08/17 11:55									
Arsenic	ND	1.0	mg/kg	10	1709446	12/09/17	12/14/17	EPA 6020	
Lead	ND	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-23-0.5 (17L0358-05) Soil Sampled: 12/08/17 08:40 Received: 12/08/17 11:55									
Arsenic	2.5	1.0	mg/kg	10	1709446	12/09/17	12/14/17	EPA 6020	
Lead	10	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-23-3 (17L0358-06) Soil Sampled: 12/08/17 08:45 Received: 12/08/17 11:55									
Arsenic	ND	1.0	mg/kg	10	1709446	12/09/17	12/14/17	EPA 6020	
Lead	ND	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-24-0.5 (17L0358-07) Soil Sampled: 12/08/17 08:50 Received: 12/08/17 11:55									
Arsenic	19	1.0	mg/kg	10	1709446	12/09/17	12/14/17	EPA 6020	
Lead	58	2.5	"	"	"	"	"	EPA 6010B	ICP/MS

CALIFORNIA LABORATORY SERVICES

Page 3 of 8

12/15/17 09:30

Kleinfelder (Irvine)
2 Ada Ste 250
Irvine, CA 92618

Project: Costco Loomis
Project Number: 20172062
Project Manager: Paolo Dizon

CLS Work Order #: 17L0358
COC #:

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-24-3 (17L0358-08) Soil Sampled: 12/08/17 08:55 Received: 12/08/17 11:55									
Arsenic	ND	1.0	mg/kg	10	1709446	12/09/17	12/14/17	EPA 6020	
Lead	ND	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-34-0.5 (17L0358-09) Soil Sampled: 12/08/17 09:00 Received: 12/08/17 11:55									
Arsenic	19	1.0	mg/kg	10	1709446	12/09/17	12/14/17	EPA 6020	
Lead	84	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-34-3 (17L0358-10) Soil Sampled: 12/08/17 09:05 Received: 12/08/17 11:55									
Arsenic	ND	1.0	mg/kg	10	1709446	12/09/17	12/14/17	EPA 6020	
Lead	ND	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-32-3 (17L0358-11) Soil Sampled: 12/08/17 09:10 Received: 12/08/17 11:55									
Arsenic	ND	1.0	mg/kg	10	1709446	12/09/17	12/14/17	EPA 6020	
Lead	2.6	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-35-0.5 (17L0358-12) Soil Sampled: 12/08/17 09:15 Received: 12/08/17 11:55									
Arsenic	4.6	1.0	mg/kg	10	1709455	12/11/17	12/14/17	EPA 6020	
Lead	20	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-35-3 (17L0358-13) Soil Sampled: 12/08/17 09:20 Received: 12/08/17 11:55									
Arsenic	3.8	1.0	mg/kg	10	1709455	12/11/17	12/14/17	EPA 6020	
Lead	17	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-33-0.5 (17L0358-14) Soil Sampled: 12/08/17 09:25 Received: 12/08/17 11:55									
Arsenic	14	1.0	mg/kg	10	1709455	12/11/17	12/14/17	EPA 6020	
Lead	8.7	2.5	"	"	"	"	"	EPA 6010B	ICP/MS

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 17L0358 COC #:
---	--	--

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-33-3 (17L0358-15) Soil Sampled: 12/08/17 09:30 Received: 12/08/17 11:55									
Arsenic	ND	1.0	mg/kg	10	1709455	12/11/17	12/14/17	EPA 6020	
Lead	ND	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-31-0.5 (17L0358-16) Soil Sampled: 12/08/17 09:35 Received: 12/08/17 11:55									
Arsenic	5.7	1.0	mg/kg	10	1709455	12/11/17	12/14/17	EPA 6020	
Lead	22	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-31-3 (17L0358-17) Soil Sampled: 12/08/17 09:40 Received: 12/08/17 11:55									
Arsenic	ND	1.0	mg/kg	10	1709455	12/11/17	12/14/17	EPA 6020	
Lead	2.8	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-30-0.5 (17L0358-18) Soil Sampled: 12/08/17 09:45 Received: 12/08/17 11:55									
Arsenic	ND	1.0	mg/kg	10	1709455	12/11/17	12/14/17	EPA 6020	
Lead	5.7	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-30-3 (17L0358-19) Soil Sampled: 12/08/17 09:50 Received: 12/08/17 11:55									
Arsenic	ND	1.0	mg/kg	10	1709455	12/11/17	12/14/17	EPA 6020	
Lead	ND	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-29-0.5 (17L0358-20) Soil Sampled: 12/08/17 09:55 Received: 12/08/17 11:55									
Arsenic	20	1.0	mg/kg	10	1709455	12/11/17	12/14/17	EPA 6020	
Lead	95	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-29-3 (17L0358-21) Soil Sampled: 12/08/17 10:00 Received: 12/08/17 11:55									
Arsenic	ND	1.0	mg/kg	10	1709455	12/11/17	12/14/17	EPA 6020	
Lead	3.2	2.5	"	"	"	"	"	EPA 6010B	ICP/MS

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 17L0358 COC #:
---	--	-------------------------------------

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-28-0.5 (17L0358-22) Soil Sampled: 12/08/17 10:05 Received: 12/08/17 11:55									
Arsenic	7.4	1.0	mg/kg	10	1709455	12/11/17	12/14/17	EPA 6020	
Lead	39	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-28-3 (17L0358-23) Soil Sampled: 12/08/17 10:10 Received: 12/08/17 11:55									
Arsenic	ND	1.0	mg/kg	10	1709455	12/11/17	12/14/17	EPA 6020	
Lead	ND	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-27-0.5 (17L0358-24) Soil Sampled: 12/08/17 10:15 Received: 12/08/17 11:55									
Arsenic	18	1.0	mg/kg	10	1709455	12/11/17	12/14/17	EPA 6020	
Lead	82	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-27-3 (17L0358-25) Soil Sampled: 12/08/17 10:20 Received: 12/08/17 11:55									
Arsenic	ND	1.0	mg/kg	10	1709455	12/11/17	12/14/17	EPA 6020	
Lead	ND	2.5	"	"	"	"	"	EPA 6010B	ICP/MS

CALIFORNIA LABORATORY SERVICES

Page 6 of 8

12/15/17 09:30

Kleinfelder (Irvine)
2 Ada Ste 250
Irvine, CA 92618

Project: Costco Loomis
Project Number: 20172062
Project Manager: Paolo Dizon

CLS Work Order #: 17L0358
COC #:

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1709446 - EPA 3050B										
Blank (1709446-BLK1)										
					Prepared: 12/09/17 Analyzed: 12/13/17					
Lead	ND	0.25	mg/kg							
Arsenic	ND	0.10	"							
LCS (1709446-BS1)										
					Prepared: 12/09/17 Analyzed: 12/13/17					
Lead	10.5	0.25	mg/kg	10.0	105		75-125			
Arsenic	8.34	0.10	"	10.0	83		75-125			
Matrix Spike (1709446-MS1)										
					Source: 17L0310-71 Prepared: 12/09/17 Analyzed: 12/13/17					
Lead	20.5	2.5	mg/kg	10.0	9.86	106	75-125			
Arsenic	16.2	1.0	"	10.0	7.36	88	75-125			
Matrix Spike Dup (1709446-MSD1)										
					Source: 17L0310-71 Prepared: 12/09/17 Analyzed: 12/13/17					
Lead	20.3	2.5	mg/kg	10.0	9.86	105	75-125	0.7	30	
Arsenic	16.5	1.0	"	10.0	7.36	91	75-125	2	30	
Batch 1709455 - EPA 3050B										
Blank (1709455-BLK1)										
					Prepared: 12/11/17 Analyzed: 12/14/17					
Lead	ND	0.25	mg/kg							
Arsenic	ND	0.10	"							
LCS (1709455-BS1)										
					Prepared: 12/11/17 Analyzed: 12/14/17					
Lead	9.66	0.25	mg/kg	10.0	97		75-125			
Arsenic	9.06	0.10	"	10.0	91		75-125			
Matrix Spike (1709455-MS1)										
					Source: 17L0358-12 Prepared: 12/11/17 Analyzed: 12/14/17					
Lead	31.1	2.5	mg/kg	10.0	19.9	113	75-125			
Arsenic	13.6	1.0	"	10.0	4.56	90	75-125			

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 17L0358 COC #:
---	--	-------------------------------------

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1709455 - EPA 3050B

Matrix Spike Dup (1709455-MSD1)

Source: 17L0358-12

Prepared: 12/11/17 Analyzed: 12/14/17

Lead	31.8	2.5	mg/kg	10.0	19.9	119	75-125	2	30	
Arsenic	13.6	1.0	"	10.0	4.56	90	75-125	0.2	30	

CALIFORNIA LABORATORY SERVICES

Page 8 of 8

12/15/17 09:30

Kleinfelder (Irvine)
2 Ada Ste 250
Irvine, CA 92618

Project: Costco Loomis
Project Number: 20172062
Project Manager: Paolo Dizon

CLS Work Order #: 17L0358
COC #:

Notes and Definitions

ICP/MS It was run by ICP/MS (EPA method 200.8/6020).
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

December 21, 2017

CLS Work Order #: 17L0631
COC #: GREEN

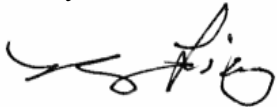
Paolo Dizon
Kleinfelder (Irvine)
2 Ada Ste 250
Irvine, CA 92618

Project Name: Costco Loomis

Enclosed are the results of analyses for samples received by the laboratory on 12/14/17 14:33. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

A handwritten signature in black ink, appearing to read 'James Liang', is written over a faint, illegible background.

James Liang, Ph.D.
Laboratory Director

172031

CHANGE OF STATUS

Work Order # 1720349

New Work Order Revise Existing Work Order

Project Name: Costco Loomis

Date Sample(s) Were Received: 12/7/17 Original Date 12/14/17

Paulo of Klingfeldt called/mailed
(Client Contacted) (Company)

On 12/14/17 at 2:00
(Date) (Time)

... and requested the following:

Please perform STLC Lead
on samples SB-12-0.5 - (05)
SB-08-0.5 - (07)
SB-07-0.5 - (13)

and STLC/TCLP Lead
on sample SB-09-0.5 (21)

Turnaround time requested for additional work: 5
Philis Furnas 12/14/17
(Signature) (Date)

Updated lab job database and file folder by: _____

Cc: _____

CALIFORNIA LABORATORY SERVICES

Page 2 of 6

12/21/17 13:39

Kleinfelder (Irvine)
2 Ada Ste 250
Irvine, CA 92618

Project: Costco Loomis
Project Number: 20172062
Project Manager: Paolo Dizon

CLS Work Order #: 17L0631
COC #: GREEN

STLC (WET) Metals by 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-12-0.5 (17L0631-05) Soil Sampled: 12/07/17 08:55 Received: 12/14/17 14:33									
Lead	2.1	0.50	mg/L	1	1709726	12/19/17	12/20/17	EPA 6010B	
SB-08-0.5 (17L0631-07) Soil Sampled: 12/07/17 09:10 Received: 12/14/17 14:33									
Lead	1.6	0.50	mg/L	1	1709726	12/19/17	12/20/17	EPA 6010B	
SB-07-0.5 (17L0631-13) Soil Sampled: 12/07/17 09:45 Received: 12/14/17 14:33									
Lead	2.2	0.50	mg/L	1	1709726	12/19/17	12/20/17	EPA 6010B	
SB-09-0.5 (17L0631-21) Soil Sampled: 12/07/17 10:35 Received: 12/14/17 14:33									
Lead	5.0	0.50	mg/L	1	1709726	12/19/17	12/20/17	EPA 6010B	

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 17L0631 COC #: GREEN
---	--	---

TCLP Metals by 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-09-0.5 (17L0631-21) Soil Sampled: 12/07/17 10:35 Received: 12/14/17 14:33									
Lead	ND	0.50	mg/L	1	1709727	12/19/17	12/20/17	EPA 6010B	

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 17L0631 COC #: GREEN
---	--	---

STLC (WET) Metals by 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1709726 - EPA 3010A										
Blank (1709726-BLK1)										
					Prepared: 12/19/17 Analyzed: 12/20/17					
Lead	ND	0.50	mg/L							
LCS (1709726-BS1)										
					Prepared: 12/19/17 Analyzed: 12/20/17					
Lead	57.6	0.50	mg/L	50.0	1.15	97	75-125			
Matrix Spike (1709726-MS1)										
					Source: 17L0603-38 Prepared: 12/19/17 Analyzed: 12/20/17					
Lead	49.8	0.50	mg/L	50.0	1.15	97	75-125			
Matrix Spike Dup (1709726-MSD1)										
					Source: 17L0603-38 Prepared: 12/19/17 Analyzed: 12/20/17					
Lead	52.1	0.50	mg/L	50.0	1.15	102	75-125	5	30	

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 17L0631 COC #: GREEN
---	--	---

TCLP Metals by 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1709727 - EPA 3010A TCLP										
Blank (1709727-BLK1)										
				Prepared: 12/19/17 Analyzed: 12/20/17						
Lead	ND	0.50	mg/L							
LCS (1709727-BS1)										
				Prepared: 12/19/17 Analyzed: 12/20/17						
Lead	58.4	0.50	mg/L	50.0		117	75-125			
Matrix Spike (1709727-MS1)										
				Source: 17L0603-39			Prepared: 12/19/17 Analyzed: 12/20/17			
Lead	55.7	0.50	mg/L	50.0	ND	111	75-125			
Matrix Spike Dup (1709727-MSD1)										
				Source: 17L0603-39			Prepared: 12/19/17 Analyzed: 12/20/17			
Lead	53.9	0.50	mg/L	50.0	ND	108	75-125	3	30	

CALIFORNIA LABORATORY SERVICES

Page 6 of 6

12/21/17 13:39

Kleinfelder (Irvine)
2 Ada Ste 250
Irvine, CA 92618

Project: Costco Loomis
Project Number: 20172062
Project Manager: Paolo Dizon

CLS Work Order #: 17L0631
COC #: GREEN

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

December 22, 2017

CLS Work Order #: 17L0680
COC #: GREEN

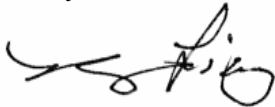
Paolo Dizon
Kleinfelder (Irvine)
2 Ada Ste 250
Irvine, CA 92618

Project Name: Costco Loomis

Enclosed are the results of analyses for samples received by the laboratory on 12/15/17 11:13. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,



James Liang, Ph.D.
Laboratory Director

Mhaleo

CHANGE OF STATUS

Work Order # 1740358

New Work Order Revise Existing Work Order

Project Name: Cooper Loomis

Date Sample(s) Were Received: 12/8/17 Original Date 12/15/17

Sara of Klingfelter called/emailed
(Client Contacted) (Company)

On 12/15/17 at 10:45
(Date) (Time)

... and requested the following:

Please perform STLC lead for
samples: SB-19-0.5 (03)
SB-24-0.5 (07)
SB-34-0.5 (09)
SB-29-0.5 (20)
SB-27-0.5 (24)

Turnaround time requested for additional work: 5

[Signature] 12/15/17
(Signature) (Date)

Updated lab job database and file folder by: _____

Cc: _____

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 17L0680 COC #: GREEN
---	--	--

STLC (WET) Metals by 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-19-0.5 (17L0680-03) Soil Sampled: 12/08/17 08:30 Received: 12/15/17 11:13									
Lead	2.6	0.50	mg/L	1	1709726	12/19/17	12/20/17	EPA 6010B	
SB-24-0.5 (17L0680-07) Soil Sampled: 12/08/17 08:50 Received: 12/15/17 11:13									
Lead	2.0	0.50	mg/L	1	1709726	12/19/17	12/20/17	EPA 6010B	
SB-34-0.5 (17L0680-09) Soil Sampled: 12/08/17 09:00 Received: 12/15/17 11:13									
Lead	3.0	0.50	mg/L	1	1709726	12/19/17	12/20/17	EPA 6010B	
SB-29-0.5 (17L0680-20) Soil Sampled: 12/08/17 09:55 Received: 12/15/17 11:13									
Lead	4.4	0.50	mg/L	1	1709726	12/19/17	12/20/17	EPA 6010B	
SB-27-0.5 (17L0680-24) Soil Sampled: 12/08/17 10:15 Received: 12/15/17 11:13									
Lead	3.0	0.50	mg/L	1	1709726	12/19/17	12/20/17	EPA 6010B	

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 17L0680 COC #: GREEN
---	--	---

STLC (WET) Metals by 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1709726 - EPA 3010A										
Blank (1709726-BLK1)										
										Prepared: 12/19/17 Analyzed: 12/20/17
Lead	ND	0.50	mg/L							
LCS (1709726-BS1)										
										Prepared: 12/19/17 Analyzed: 12/20/17
Lead	57.6	0.50	mg/L	50.0		115	75-125			
Matrix Spike (1709726-MS1)										
										Source: 17L0603-38 Prepared: 12/19/17 Analyzed: 12/20/17
Lead	49.8	0.50	mg/L	50.0	1.15	97	75-125			
Matrix Spike Dup (1709726-MSD1)										
										Source: 17L0603-38 Prepared: 12/19/17 Analyzed: 12/20/17
Lead	52.1	0.50	mg/L	50.0	1.15	102	75-125	5	30	

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine)
2 Ada Ste 250
Irvine, CA 92618

Project: Costco Loomis
Project Number: 20172062
Project Manager: Paolo Dizon

CLS Work Order #: 17L0680
COC #: GREEN

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

December 22, 2017

CLS Work Order #: 17L0706
COC #: 185988

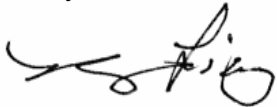
Paolo Dizon
Kleinfelder (Irvine)
2 Ada Ste 250
Irvine, CA 92618

Project Name: Costco Loomis

Enclosed are the results of analyses for samples received by the laboratory on 12/15/17 14:55. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

A handwritten signature in black ink, appearing to read 'James Liang', written in a cursive style.

James Liang, Ph.D.
Laboratory Director

CLS - Labs

CHAIN OF CUSTODY

CLS ID No.; 17K0706

LOG No 185988

REPORT TO:		CLIENT JOB NUMBER		ANALYSIS REQUESTED				GEOTRACKER:		
NAME AND ADDRESS <u>Kleinfelder</u> <u>2 Ada St 250</u> <u>Irvine, CA</u>		<u>20172062</u>		PRESERVATIVES <u>50109, V-01, P-001</u>				EDF REPORT <input type="checkbox"/> YES <input type="checkbox"/> NO		
PROJECT MANAGER <u>Sara Boyer, Paolodicon</u> PHONE#		DESTINATION LABORATORY <input checked="" type="checkbox"/> CLS (916) 638-7301 3249 FITZGERALD RD RANCHO CORDOVA, CA 95742						COMPOSITE:		
PROJECT NAME <u>Costa Loomis</u>		<input type="checkbox"/> OTHER						FIELD CONDITIONS: <u>Awesome</u>		
SAMPLED BY <u>Brandon Connolly</u>				TURN AROUND TIME				SPECIAL INSTRUCTIONS		
JOB DESCRIPTION				OR				ALT. ID:		
SITE LOCATION				1 DAY 2 DAY 3 DAY 5 DAY						
DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO. TYPE						
<u>12.15.17</u>	<u>1100</u>	<u>SB-42-0.5</u>	<u>Soil</u>	<u>1</u>	<u>Storage</u>	<u>X</u>			<u>X</u>	
	<u>1105</u>	<u>SB-42-3</u>				<u>X</u>				<u>HO10</u>
	<u>1120</u>	<u>SB-43-0.5</u>				<u>X</u>				<u>HO10</u>
	<u>1125</u>	<u>SB-43-3</u>				<u>X</u>				<u>HO10</u>
	<u>1110</u>	<u>SB-44-0.5</u>				<u>X</u>				<u>HO10</u>
	<u>1115</u>	<u>SB-44-3</u>				<u>X</u>				<u>HO10</u>
	<u>1127</u>	<u>SB-45-0.5</u>				<u>X</u>				<u>HO10</u>
	<u>1130</u>	<u>SB-45-3</u>				<u>X</u>				<u>HO10</u>
	<u>1135</u>	<u>SB-38-0.5</u>				<u>X</u>				<u>HO10</u>
	<u>1140</u>	<u>SB-38-3</u>				<u>X</u>				<u>HO10</u>
	<u>1145</u>	<u>SB-39-0.5</u>				<u>X</u>				<u>HO10</u>
	<u>1150</u>	<u>SB-39-3</u>				<u>X</u>				<u>HO10</u>
SUSPECTED CONSTITUENTS						PRESERVATIVES: (1) HCL (2) HNO ₃ (3) = COLD (4) = NaOH (5) = H ₂ SO ₄ (6) = Na ₂ S ₂ O ₅ (7) =				
RELINQUISHED BY (SIGN)		PRINT NAME / COMPANY		DATE / TIME		RECEIVED BY (SIGN)		PRINT NAME / COMPANY		
		<u>Brandon Connolly/Kleinfelder</u>		<u>12-15-17/1455</u>						
REC'D AT LAB BY		DATE / TIME		CONDITIONS / COMMENTS:						
		<u>12-15-17 1455 (4.8)</u>								
SHIPPED BY:		<input type="checkbox"/> FED X <input type="checkbox"/> UPS <input type="checkbox"/> OTHER		AIR BILL #						

Good-Project Mgr./Field Sampler/Terms and conditions Pink- Origin/Terms and Conditions Yellow- Lab file copy/Terms and Conditions White-Lab/Terms and conditions

CLS - Labs

CHAIN OF CUSTODY

CLS ID No.; 17K0706

LOG No 185987

REPORT TO:			CLIENT JOB NUMBER			ANALYSIS REQUESTED				GEOTRACKER:	
NAME AND ADDRESS <u>Klein Lohde</u> <u>24th St. 250</u> <u>Irwin, CA</u>			<u>20172062</u>			PRESERVATIVES <u>Argon & Lead 6010</u>				EDF REPORT <input type="checkbox"/> YES <input type="checkbox"/> NO	
PROJECT MANAGER <u>Susan Boyer, Pasadena</u> PHONE#			DESTINATION LABORATORY <input checked="" type="checkbox"/> CLS (916) 638-7301 3249 FITZGERALD RD. RANCHO CORDOVA, CA, 95742							GLOBAL ID: _____	
PROJECT NAME <u>Cost to Permits</u>			<input type="checkbox"/> OTHER							COMPOSITE:	
SAMPLED BY <u>Brenda Cornell</u>										FIELD CONDITIONS:	
JOB DESCRIPTION										TURN AROUND TIME	
SITE LOCATION										SPECIAL INSTRUCTIONS	
										OR	
DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO	TYPE	1 DAY	2 DAY	3 DAY	5 DAY	ALT.	ID:
12-15-17	1155	SB-40-0.5	Soil	1	Storag	X			X		
	1200	SB-40-3				#					Hold
	1205	SB-36-0.5				>					Hold
	1210	SB-36-3				#					Hold
	1215	SB-41-0.5				>					Hold
	1220	SB-41-3				#					Hold
	1225	SB-37-0.5				X					Hold
	1230	SB-37-3				X					Hold
<hr/> INVOICE TO: _____ PC. # _____ QUOTE # _____											
SUSPECTED CONSTITUENTS						PRESERVATIVES: (1) HCL (2) HNO ₃ (3) = COLD (4) = NaOH (5) = H ₂ SO ₄ (6) = Na ₂ S ₂ O ₅ (7) =					
RELINQUISHED BY (SIGN)			PRINT NAME / COMPANY			DATE / TIME		RECEIVED BY (SIGN)		PRINT NAME / COMPANY	
			<u>Brenda Cornell / Klein Lohde</u>			<u>12-15-17/1455</u>					
REC'D AT LAB BY			DATE / TIME			CONDITIONS / COMMENTS					
			<u>12/15/17 1455</u>			<u>(4.8)</u>					
SHIPPED BY: <input type="checkbox"/> FED X <input type="checkbox"/> UPS <input type="checkbox"/> OTHER			AIR BILL #								

Gold-Project Mgr./Field Sampler/Terms and conditions
Pink- Origin/Terms and Conditions
Yellow- Lab file copy/Terms and Conditions
White-Lab/Terms and conditions

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 17L0706 COC #: 185988
---	--	---

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-42-0.5 (17L0706-01) Soil Sampled: 12/15/17 11:00 Received: 12/15/17 14:55									
Arsenic	2.6	1.0	mg/kg	10	1709718	12/19/17	12/20/17	EPA 6020	
Lead	6.7	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-43-0.5 (17L0706-03) Soil Sampled: 12/15/17 11:20 Received: 12/15/17 14:55									
Arsenic	15	1.0	mg/kg	10	1709718	12/19/17	12/20/17	EPA 6020	
Lead	24	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-44-0.5 (17L0706-05) Soil Sampled: 12/15/17 11:10 Received: 12/15/17 14:55									
Arsenic	2.7	1.0	mg/kg	10	1709718	12/19/17	12/20/17	EPA 6020	
Lead	9.3	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-45-0.5 (17L0706-07) Soil Sampled: 12/15/17 11:27 Received: 12/15/17 14:55									
Arsenic	2.7	1.0	mg/kg	10	1709718	12/19/17	12/20/17	EPA 6020	
Lead	12	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-38-0.5 (17L0706-09) Soil Sampled: 12/15/17 11:35 Received: 12/15/17 14:55									
Arsenic	16	1.0	mg/kg	10	1709718	12/19/17	12/20/17	EPA 6020	
Lead	81	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-39-0.5 (17L0706-11) Soil Sampled: 12/15/17 11:45 Received: 12/15/17 14:55									
Arsenic	19	1.0	mg/kg	10	1709718	12/19/17	12/20/17	EPA 6020	
Lead	110	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-40-0.5 (17L0706-13) Soil Sampled: 12/15/17 11:55 Received: 12/15/17 14:55									
Arsenic	14	2.0	mg/kg	20	1709718	12/19/17	12/20/17	EPA 6020	
Lead	92	5.0	"	"	"	"	"	EPA 6010B	ICP/MS

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 17L0706 COC #: 185988
---	--	---

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-36-0.5 (17L0706-15) Soil Sampled: 12/15/17 12:05 Received: 12/15/17 14:55									
Arsenic	6.3	2.0	mg/kg	20	1709718	12/19/17	12/20/17	EPA 6020	
Lead	68	5.0	"	"	"	"	"	EPA 6010B	ICP/MS
SB-41-0.5 (17L0706-17) Soil Sampled: 12/15/17 12:15 Received: 12/15/17 14:55									
Arsenic	8.7	2.0	mg/kg	20	1709718	12/19/17	12/20/17	EPA 6020	
Lead	55	5.0	"	"	"	"	"	EPA 6010B	ICP/MS
SB-37-0.5 (17L0706-19) Soil Sampled: 12/15/17 12:25 Received: 12/15/17 14:55									
Arsenic	8.8	5.0	mg/kg	100	1709718	12/19/17	12/20/17	EPA 6020	
Lead	56	25	"	"	"	"	"	EPA 6010B	ICP/MS

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 17L0706 COC #: 185988
---	--	--

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1709718 - EPA 3050B

Blank (1709718-BLK1)

Prepared: 12/19/17 Analyzed: 12/20/17

Lead	ND	0.25	mg/kg							
Arsenic	ND	0.10	"							

LCS (1709718-BS1)

Prepared: 12/19/17 Analyzed: 12/20/17

Lead	9.40	0.25	mg/kg	10.0		94	75-125			
Arsenic	8.61	0.10	"	10.0		86	75-125			

Matrix Spike (1709718-MS1)

Source: 17L0706-01

Prepared: 12/19/17 Analyzed: 12/20/17

Lead	16.7	2.5	mg/kg	10.0	6.74	99	75-125			
Arsenic	11.1	1.0	"	10.0	2.56	85	75-125			

Matrix Spike Dup (1709718-MSD1)

Source: 17L0706-01

Prepared: 12/19/17 Analyzed: 12/20/17

Lead	17.1	2.5	mg/kg	10.0	6.74	103	75-125	2	30	
Arsenic	12.0	1.0	"	10.0	2.56	94	75-125	8	30	

CALIFORNIA LABORATORY SERVICES

Page 5 of 5

12/22/17 16:20

Kleinfelder (Irvine)
2 Ada Ste 250
Irvine, CA 92618

Project: Costco Loomis
Project Number: 20172062
Project Manager: Paolo Dizon

CLS Work Order #: 17L0706
COC #: 185988

Notes and Definitions

ICP/MS It was run by ICP/MS (EPA method 200.8/6020).
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

January 09, 2018

CLS Work Order #: 18A0032
COC #: 185988 / GREEN

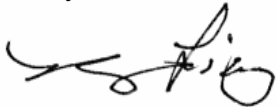
Paolo Dizon
Kleinfelder (Irvine)
2 Ada Ste 250
Irvine, CA 92618

Project Name: Costco Loomis

Enclosed are the results of analyses for samples received by the laboratory on 01/02/18 11:30. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

A handwritten signature in black ink, appearing to read 'James Liang', with a stylized flourish at the end.

James Liang, Ph.D.
Laboratory Director

19A0032

CHANGE OF STATUS

Work Order # 1720706

New Work Order Revise Existing Work Order

Project Name: Costco Loomis

Date Sample(s) Were Received: 12/15/17 Original Date _____

Sara Bayer (Client Contacted) of Klinfeldt (Company) called/mailed

On 1/2/18 (Date) at 11:30 (Time)

... and requested the following:

Please perform STLC Lead on samples SB-38-0.5 (09)
SB-40-0.5 (13)
SB-36-0.5 (15)
SB-41-0.5 (17)
SB-37-0.5 (19)

and TCLP Lead on sample SB-39-0.5 (11)

Turnaround time requested for additional work: 5 day

[Signature] (Signature) 1-2-18 (Date)

Updated lab job database and file folder by: _____

Cc: _____

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 18A0032 COC #: 185988 / GREEN
---	--	---

STLC (WET) Metals by 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-38-0.5 (18A0032-09) Soil Sampled: 12/15/17 11:35 Received: 01/02/18 11:30									
Lead	3.4	0.50	mg/L	1	1800203	01/08/18	01/09/18	EPA 6010B	
SB-40-0.5 (18A0032-13) Soil Sampled: 12/15/17 11:55 Received: 01/02/18 11:30									
Lead	1.3	0.50	mg/L	1	1800203	01/08/18	01/09/18	EPA 6010B	
SB-36-0.5 (18A0032-15) Soil Sampled: 12/15/17 12:05 Received: 01/02/18 11:30									
Lead	2.9	0.50	mg/L	1	1800203	01/08/18	01/09/18	EPA 6010B	
SB-41-0.5 (18A0032-17) Soil Sampled: 12/15/17 12:15 Received: 01/02/18 11:30									
Lead	2.4	0.50	mg/L	1	1800203	01/08/18	01/09/18	EPA 6010B	
SB-37-0.5 (18A0032-19) Soil Sampled: 12/15/17 12:25 Received: 01/02/18 11:30									
Lead	2.5	0.50	mg/L	1	1800203	01/08/18	01/09/18	EPA 6010B	

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 18A0032 COC #: 185988 / GREEN
---	--	--

TCLP Metals by 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-39-0.5 (18A0032-11) Soil Sampled: 12/15/17 11:45 Received: 01/02/18 11:30									
Lead	ND	0.50	mg/L	1	1800205	01/08/18	01/09/18	EPA 6010B	

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 18A0032 COC #: 185988 / GREEN
---	--	--

STLC (WET) Metals by 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1800203 - EPA 3010A										
Blank (1800203-BLK1)										
					Prepared: 01/08/18 Analyzed: 01/09/18					
Lead	ND	0.50	mg/L							
LCS (1800203-BS1)										
					Prepared: 01/08/18 Analyzed: 01/09/18					
Lead	47.9	0.50	mg/L	50.0	3.38	96	75-125			
Matrix Spike (1800203-MS1)										
					Source: 18A0032-09 Prepared: 01/08/18 Analyzed: 01/09/18					
Lead	50.4	0.50	mg/L	50.0	3.38	94	75-125			
Matrix Spike Dup (1800203-MSD1)										
					Source: 18A0032-09 Prepared: 01/08/18 Analyzed: 01/09/18					
Lead	52.2	0.50	mg/L	50.0	3.38	98	75-125	4	30	

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Ste 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062 Project Manager: Paolo Dizon	CLS Work Order #: 18A0032 COC #: 185988 / GREEN
---	--	--

TCLP Metals by 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1800205 - EPA 3010A TCLP										
Blank (1800205-BLK1)										
					Prepared: 01/08/18 Analyzed: 01/09/18					
Lead	ND	0.50	mg/L							
LCS (1800205-BS1)										
					Prepared: 01/08/18 Analyzed: 01/09/18					
Lead	53.6	0.50	mg/L	50.0		107	75-125			
Matrix Spike (1800205-MS1)										
					Source: 18A0032-11 Prepared: 01/08/18 Analyzed: 01/09/18					
Lead	54.3	0.50	mg/L	50.0	0.313	108	75-125			
Matrix Spike Dup (1800205-MSD1)										
					Source: 18A0032-11 Prepared: 01/08/18 Analyzed: 01/09/18					
Lead	54.8	0.50	mg/L	50.0	0.313	109	75-125	0.9	30	

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine)
2 Ada Ste 250
Irvine, CA 92618

Project: Costco Loomis
Project Number: 20172062
Project Manager: Paolo Dizon

CLS Work Order #: 18A0032
COC #: 185988 / GREEN

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

February 01, 2018

CLS Work Order #: 18A1386

COC #: 186169

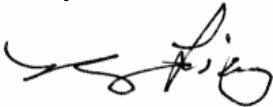
Paolo Dizon
Kleinfelder (Irvine)
2 Ada Suite 250
Irvine, CA 92618

Project Name: Costco Loomis

Enclosed are the results of analyses for samples received by the laboratory on 01/25/18 15:30. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

A handwritten signature in black ink, appearing to read 'James Liang', written in a cursive style.

James Liang, Ph.D.
Laboratory Director

CLS - Labs

CHAIN OF CUSTODY

CLS ID No.: BA1386

LOG No 186169

REPORT TO:		CLIENT JOB NUMBER		ANALYSIS REQUESTED			GEOTRACKER:					
NAME AND ADDRESS Klein folder 2 Ada Smith 256 Irving, CA		20172062.6014		1 PH-D, no SO ₄ S TSS mL/LIS 60104, 2471 VOCs + TPH-g 82608 TPH-D, 8015B Arsenic and Lead, 60108 PRESERVATIVES			EDF REPORT <input type="checkbox"/> YES <input type="checkbox"/> NO					
PROJECT MANAGER Pablo Picon 944-727-4466		DESTINATION LABORATORY <input checked="" type="checkbox"/> CLS (916) 638-7301 3249 FITZGERALD RD. RANCHO CORDOVA, CA. 95742					GLOBAL ID: _____					
PROJECT NAME Costo Coomis		<input type="checkbox"/> OTHER					COMPOSITE: _____					
SAMPLED BY Brandon Connolly							FIELD CONDITIONS: _____					
JOB DESCRIPTION							TURN AROUND TIME		SPECIAL INSTRUCTIONS			
SITE LOCATION Loomis							1 DAY	2 DAY	3 DAY	5 DAY	OR ALT. ID:	
DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO	TYPE							
01-25-18	1027	SB-59-0.5	Soil	1	Gar	X						
	1030	SB-59-3	↓	↓	↓	X					H = Hold	
	1045	SB-60-0.5	↓	↓	↓	X						
	1055	SB-60-3	↓	↓	↓	X						
	1200	GW-3	GW	2	Gar		X					
	1215	GW-2	↓	↓	↓		X					
	1230	GW-1	↓	↓	↓		X					
	1245	IDW	Soil	2	Gar			X	X	X	Report on own SDG INVOICE TO:	

Fax 01-25-18												
SUSPECTED CONSTITUENTS						PRESERVATIVES: (1) HCL (2) HNO ₃ (3) = COLD (4) = NaOH (5) = H ₂ SO ₄ (6) = Na ₂ S ₂ O ₅ (7) =						
RELINQUISHED BY (SIGN)			PRINT NAME / COMPANY			DATE / TIME		RECEIVED BY (SIGN)		PRINT NAME / COMPANY		
			Brandon Connolly / CLF CL			01-25-18/1445 1/25/18/1330H				[unclear]		
REC'D AT LAB BY			DATE / TIME			CONDITIONS / COMMENTS:						
[unclear]			1-25-18 1530H			[unclear]						
SHIPPED BY:			<input type="checkbox"/> FED X <input type="checkbox"/> UPS <input checked="" type="checkbox"/> OTHER			AIR BILL #						

Gold-Project Mgr / Field Sample/Terms and conditions
Pink - Origin/Terms and Conditions
Yellow - Lab the copy/Terms and Conditions
White Lab/Terms and conditions

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Stuite 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062.001A Project Manager: Paolo Dizon	CLS Work Order #: 18A1386 COC #: 186169
--	---	---

Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GW-3 (18A1386-05) GW Sampled: 01/25/18 12:00 Received: 01/25/18 15:30									
Diesel	ND	0.050	mg/L	1	1800750	01/26/18	01/26/18	EPA 8015M	
<i>Surrogate: o-Terphenyl</i>		90 %	65-135		"	"	"	"	
GW-2 (18A1386-06) GW Sampled: 01/25/18 12:15 Received: 01/25/18 15:30									
Diesel	ND	0.050	mg/L	1	1800750	01/26/18	01/26/18	EPA 8015M	
<i>Surrogate: o-Terphenyl</i>		86 %	65-135		"	"	"	"	
GW-1 (18A1386-07) GW Sampled: 01/25/18 12:30 Received: 01/25/18 15:30									
Diesel	ND	0.050	mg/L	1	1800750	01/26/18	01/26/18	EPA 8015M	
<i>Surrogate: o-Terphenyl</i>		88 %	65-135		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Stuite 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062.001A Project Manager: Paolo Dizon	CLS Work Order #: 18A1386 COC #: 186169
--	---	---

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-59-0.5 (18A1386-01) Soil Sampled: 01/25/18 10:27 Received: 01/25/18 15:30									
Arsenic	ND	1.0	mg/kg	10	1800786	01/26/18	01/30/18	EPA 6020	
Lead	2.7	2.5	"	"	"	"	"	EPA 6010B	ICP/MS
SB-60-0.5 (18A1386-03) Soil Sampled: 01/25/18 10:45 Received: 01/25/18 15:30									
Arsenic	15	1.0	mg/kg	10	1800786	01/26/18	01/30/18	EPA 6020	
Lead	72	2.5	"	"	"	"	"	EPA 6010B	ICP/MS

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine)
2 Ada Stuite 250
Irvine, CA 92618

Project: Costco Loomis
Project Number: 20172062.001A
Project Manager: Paolo Dizon

CLS Work Order #: 18A1386
COC #: 186169

Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1800750 - EPA 3510B GCNV										
Blank (1800750-BLK1)										
					Prepared: 01/25/18 Analyzed: 01/26/18					
Diesel	ND	0.050	mg/L							
Motor Oil	ND	0.050	"							
Surrogate: <i>o</i> -Terphenyl	0.0252		"	0.0250		101	65-135			
LCS (1800750-BS1)										
					Prepared: 01/25/18 Analyzed: 01/26/18					
Diesel	2.18	0.050	mg/L	2.50		87	65-135			
Surrogate: <i>o</i> -Terphenyl	0.0248		"	0.0250		99	65-135			
LCS Dup (1800750-BSD1)										
					Prepared: 01/25/18 Analyzed: 01/26/18					
Diesel	2.19	0.050	mg/L	2.50		88	65-135	0.5	30	
Surrogate: <i>o</i> -Terphenyl	0.0296		"	0.0250		118	65-135			
Matrix Spike (1800750-MS1)										
		Source: 18A1249-01			Prepared: 01/25/18 Analyzed: 01/26/18					
Diesel	2.22	0.050	mg/L	2.50	ND	89	46-137			
Surrogate: <i>o</i> -Terphenyl	0.0239		"	0.0250		96	65-135			
Matrix Spike Dup (1800750-MSD1)										
		Source: 18A1249-01			Prepared: 01/25/18 Analyzed: 01/26/18					
Diesel	2.50	0.050	mg/L	2.50	ND	100	46-137	12	30	
Surrogate: <i>o</i> -Terphenyl	0.0287		"	0.0250		115	65-135			

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine)
2 Ada Stuite 250
Irvine, CA 92618

Project: Costco Loomis
Project Number: 20172062.001A
Project Manager: Paolo Dizon

CLS Work Order #: 18A1386
COC #: 186169

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1800786 - EPA 3050B										
Blank (1800786-BLK1)										
Prepared: 01/26/18 Analyzed: 01/29/18										
Lead	ND	2.5	mg/kg							
Arsenic	ND	0.10	"							
LCS (1800786-BS1)										
Prepared: 01/26/18 Analyzed: 01/29/18										
Lead	20.6	2.5	mg/kg	20.0		103	75-125			
Arsenic	15.6	0.10	"	20.0		78	75-125			
Matrix Spike (1800786-MS1)										
Source: 18A1379-11 Prepared: 01/26/18 Analyzed: 01/29/18										
Lead	29.1	2.5	mg/kg	20.0	40.0	NR	75-125			QM-5
Arsenic	15.2	1.0	"	20.0	10.7	23	75-125			QM-5
Matrix Spike Dup (1800786-MSD1)										
Source: 18A1379-11 Prepared: 01/26/18 Analyzed: 01/29/18										
Lead	42.7	2.5	mg/kg	20.0	40.0	14	75-125	38	30	QM-5
Arsenic	21.0	1.0	"	20.0	10.7	52	75-125	32	30	QM-5

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine)
2 Ada Stuite 250
Irvine, CA 92618

Project: Costco Loomis
Project Number: 20172062.001A
Project Manager: Paolo Dizon

CLS Work Order #: 18A1386
COC #: 186169

Notes and Definitions

- QM-5 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- ICP/MS It was run by ICP/MS (EPA method 200.8/6020).
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

February 01, 2018

CLS Work Order #: 18A1386

COC #: 186169

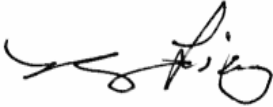
Paolo Dizon
Kleinfelder (Irvine)
2 Ada Suite 250
Irvine, CA 92618

Project Name: Costco Loomis

Enclosed are the results of analyses for samples received by the laboratory on 01/25/18 15:30. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

A handwritten signature in black ink, appearing to read 'James Liang', written in a cursive style.

James Liang, Ph.D.
Laboratory Director

CLS - Labs

CHAIN OF CUSTODY

CLS ID No.: BA1386

LOG No 186169

REPORT TO:			CLIENT JOB NUMBER			ANALYSIS REQUESTED					GEOTRACKER:				
NAME AND ADDRESS Klein folder 2 Ada Smith 256 Irving, CA			20172062.6014			4 PH-D, no SO'S T22 mL'S 60104, 2471 VOCs + TPH-g 82608 TPH-D, 8015B Arsenic and Lead, 60108					EDF REPORT <input type="checkbox"/> YES <input type="checkbox"/> NO				
PROJECT MANAGER Pablo Picon 444-727-4466			DESTINATION LABORATORY X CLS (916) 638-7301 3249 FITZGERALD RD. RANCHO CORDOVA, CA. 95742								GLOBAL ID: _____				
PROJECT NAME Costo Coomis			<input type="checkbox"/> OTHER			COMPOSITE:					FIELD CONDITIONS:				
SAMPLED BY Brandon Connolly						TURN AROUND TIME					SPECIAL INSTRUCTIONS				
JOB DESCRIPTION						1 DAY					OR				
SITE LOCATION Loomis						2 DAY					ALT. ID:				
						3 DAY									
						4 DAY									
						5 DAY									
DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO	TYPE										
01-25-18	1027	SB-59-0.5	Soil	1	Gar	X									
	1030	SB-59-3	↓	↓	↓	X									H = Hold
	1045	SB-60-0.5	↓	↓	↓	X									
	1055	SB-60-3	↓	↓	↓	X									
	1200	GW-3	GW	2	Gar		X								
	1215	GW-2	↓	↓	↓		X								
	1230	GW-1	↓	↓	↓		X								
	1245	IDW	Soil	2	Gar			X	X	X					Report on own SDG INVOICE TO:
Fax 01-25-18															
SUSPECTED CONSTITUENTS						PRESERVATIVES: (1) HCL (2) HNO ₃ (3) = COLD (4) = NaOH (5) = H ₂ SO ₄ (6) = Na ₂ S ₂ O ₅ (7) =									
RELINQUISHED BY (SIGN)			PRINT NAME / COMPANY			DATE / TIME			RECEIVED BY (SIGN)			PRINT NAME / COMPANY			
			Brandon Connolly / CLF CL			01-25-18/1445 1/25/18/1330H						Ch			
REC'D AT LAB BY			DATE / TIME			CONDITIONS / COMMENTS:									
			1-25-18 1530H												
SHIPPED BY:			<input type="checkbox"/> FED X			<input type="checkbox"/> UPS			<input type="checkbox"/> OTHER			AIR BILL #			

Gold-Project Mgr / Field Sample/Terms and conditions
Pink - Origin/Terms and Conditions
Yellow - Lab file copy/Terms and Conditions
White Lab/Terms and conditions

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Stuite 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062.001A Project Manager: Paolo Dizon	CLS Work Order #: 18A1386 COC #: 186169
--	---	---

CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
IDW (18A1386-08) Soil Sampled: 01/25/18 12:45 Received: 01/25/18 15:30									
Antimony	ND	5.0	mg/kg	10	1800845	01/30/18	01/30/18	EPA 6020	
Arsenic	ND	2.0	"	"	"	"	"	"	
Barium	240	2.0	"	"	"	"	"	"	
Beryllium	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	1.0	"	"	"	"	"	"	
Chromium	37	2.0	"	"	"	"	"	"	
Cobalt	8.5	2.0	"	"	"	"	"	"	
Copper	38	2.0	"	"	"	"	"	"	
Lead	ND	5.0	"	"	"	"	"	"	
Mercury	ND	0.10	"	1	1800861	01/30/18	01/30/18	EPA 7471A	
Molybdenum	ND	2.0	"	10	1800845	01/30/18	01/30/18	EPA 6020	
Nickel	21	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Silver	ND	2.0	"	"	"	"	"	"	
Thallium	ND	2.0	"	"	"	"	"	"	
Vanadium	53	2.0	"	"	"	"	"	"	
Zinc	42	5.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Stuite 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062.001A Project Manager: Paolo Dizon	CLS Work Order #: 18A1386 COC #: 186169
--	---	--

Extractable Petroleum Hydrocarbons by EPA Method 8015M

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
IDW (18A1386-08) Soil Sampled: 01/25/18 12:45 Received: 01/25/18 15:30									
Diesel	ND	1.0	mg/kg	1	1800812	01/29/18	01/29/18	EPA 8015M	
Motor Oil	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: o-Terphenyl</i>		86 %	65-135		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

Page 4 of 17

02/01/18 11:50

Kleinfelder (Irvine) 2 Ada Stuite 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062.001A Project Manager: Paolo Dizon	CLS Work Order #: 18A1386 COC #: 186169
--	---	---

TPH-Gasoline by GC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
IDW (18A1386-08) Soil Sampled: 01/25/18 12:45 Received: 01/25/18 15:30									
Gasoline	ND	0.20	mg/kg	1	1800766	01/25/18	01/25/18	EPA 8260M	
<i>Surrogate: Toluene-d8</i>		85 %	65-135		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Stuite 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062.001A Project Manager: Paolo Dizon	CLS Work Order #: 18A1386 COC #: 186169
--	---	--

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
IDW (18A1386-08) Soil Sampled: 01/25/18 12:45 Received: 01/25/18 15:30									
1,1,1,2-Tetrachloroethane	ND	5.0	µg/kg	1	1800766	"	01/25/18	EPA 8260B	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	100	"	"	"	"	"	"	
2-Hexanone	ND	50	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	50	"	"	"	"	"	"	
Acetone	ND	100	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

Page 6 of 17

02/01/18 11:50

Kleinfelder (Irvine)
2 Ada Stuite 250
Irvine, CA 92618

Project: Costco Loomis
Project Number: 20172062.001A
Project Manager: Paolo Dizon

CLS Work Order #: 18A1386
COC #: 186169

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
IDW (18A1386-08) Soil Sampled: 01/25/18 12:45 Received: 01/25/18 15:30									
Bromoform	ND	5.0	µg/kg	1	1800766	"	01/25/18	EPA 8260B	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane (Freon 12)	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	20	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
o-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
tert-Butyl alcohol	ND	50	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine)
2 Ada Stuite 250
Irvine, CA 92618

Project: Costco Loomis
Project Number: 20172062.001A
Project Manager: Paolo Dizon

CLS Work Order #: 18A1386
COC #: 186169

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
IDW (18A1386-08) Soil Sampled: 01/25/18 12:45 Received: 01/25/18 15:30									
Toluene	ND	5.0	µg/kg	1	1800766	"	01/25/18	EPA 8260B	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		123 %	50-125		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		98 %	50-128		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		85 %	62-125		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Stuite 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062.001A Project Manager: Paolo Dizon	CLS Work Order #: 18A1386 COC #: 186169
--	---	--

CAM 17 Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1800845 - EPA 3050B

Blank (1800845-BLK1)

Prepared & Analyzed: 01/30/18

Beryllium	ND	0.20	mg/kg							
Cobalt	ND	0.20	"							
Vanadium	ND	0.20	"							
Chromium	ND	0.20	"							
Nickel	ND	0.20	"							
Copper	ND	0.20	"							
Zinc	ND	0.50	"							
Arsenic	ND	0.20	"							
Selenium	ND	0.50	"							
Silver	ND	0.20	"							
Molybdenum	ND	0.20	"							
Cadmium	ND	0.10	"							
Barium	ND	0.20	"							
Antimony	ND	0.50	"							
Thallium	ND	0.20	"							
Lead	ND	0.50	"							

LCS (1800845-BS1)

Prepared & Analyzed: 01/30/18

Beryllium	1.77	0.20	mg/kg	2.00	88	75-125
Cobalt	18.3	0.20	"	20.0	91	75-125
Vanadium	18.6	0.20	"	20.0	93	75-125
Chromium	18.1	0.20	"	20.0	91	75-125
Nickel	18.2	0.20	"	20.0	91	75-125
Copper	17.9	0.20	"	20.0	89	75-125
Zinc	15.1	0.50	"	20.0	75	75-125
Arsenic	17.2	0.20	"	20.0	86	75-125
Selenium	16.9	0.50	"	20.0	85	75-125
Silver	18.8	0.20	"	20.0	94	75-125
Molybdenum	19.0	0.20	"	20.0	95	75-125
Cadmium	1.83	0.10	"	2.00	91	75-125
Barium	19.0	0.20	"	20.0	95	75-125
Antimony	17.7	0.50	"	20.0	88	75-125

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Stuite 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062.001A Project Manager: Paolo Dizon	CLS Work Order #: 18A1386 COC #: 186169
--	---	--

CAM 17 Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1800845 - EPA 3050B

LCS (1800845-BS1)		Prepared & Analyzed: 01/30/18								
Thallium	19.5	0.20	mg/kg	20.0		97	75-125			
Lead	19.5	0.50	"	20.0		97	75-125			

Matrix Spike (1800845-MS1)		Source: 18A1452-01		Prepared & Analyzed: 01/30/18						
Beryllium	2.44	2.0	mg/kg	2.00	0.540	95	75-125			
Cobalt	32.8	2.0	"	20.0	16.9	80	75-125			
Vanadium	77.8	2.0	"	20.0	54.8	115	75-125			
Chromium	60.8	2.0	"	20.0	43.7	86	75-125			
Nickel	54.1	2.0	"	20.0	39.0	76	75-125			
Copper	45.3	2.0	"	20.0	23.3	110	75-125			
Zinc	49.7	5.0	"	20.0	31.2	92	75-125			
Arsenic	17.6	2.0	"	20.0	2.58	75	75-125			
Selenium	15.7	5.0	"	20.0	1.21	72	75-125			QM-5
Silver	18.0	2.0	"	20.0	ND	90	75-125			
Molybdenum	8.50	2.0	"	20.0	1.51	35	75-125			QM-5
Cadmium	3.21	1.0	"	2.00	0.870	117	75-125			
Barium	100	2.0	"	20.0	69.5	154	75-125			QM-4X
Antimony	0.660	5.0	"	20.0	0.650	0.05	75-125			QM-5
Thallium	19.2	2.0	"	20.0	0.110	95	75-125			
Lead	24.9	5.0	"	20.0	5.16	99	75-125			

Matrix Spike Dup (1800845-MSD1)		Source: 18A1452-01		Prepared & Analyzed: 01/30/18						
Beryllium	2.55	2.0	mg/kg	2.00	0.540	101	75-125	4	30	
Cobalt	30.9	2.0	"	20.0	16.9	70	75-125	6	30	QM-5
Vanadium	70.1	2.0	"	20.0	54.8	76	75-125	10	30	
Chromium	60.0	2.0	"	20.0	43.7	82	75-125	1	30	
Nickel	50.8	2.0	"	20.0	39.0	59	75-125	6	30	QM-5
Copper	40.0	2.0	"	20.0	23.3	83	75-125	13	30	
Zinc	51.9	5.0	"	20.0	31.2	103	75-125	4	30	
Arsenic	18.2	2.0	"	20.0	2.58	78	75-125	3	30	
Selenium	16.2	5.0	"	20.0	1.21	75	75-125	3	30	
Silver	18.0	2.0	"	20.0	ND	90	75-125	0.2	30	

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Stuite 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062.001A Project Manager: Paolo Dizon	CLS Work Order #: 18A1386 COC #: 186169
--	---	---

CAM 17 Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1800845 - EPA 3050B

Matrix Spike Dup (1800845-MSD1)	Source: 18A1452-01			Prepared & Analyzed: 01/30/18						
Molybdenum	9.16	2.0	mg/kg	20.0	1.51	38	75-125	7	30	QM-5
Cadmium	2.70	1.0	"	2.00	0.870	92	75-125	17	30	
Barium	97.4	2.0	"	20.0	69.5	140	75-125	3	30	QM-4X
Antimony	0.510	5.0	"	20.0	0.650	NR	75-125	26	30	QM-5
Thallium	19.1	2.0	"	20.0	0.110	95	75-125	0.4	30	
Lead	25.0	5.0	"	20.0	5.16	99	75-125	0.2	30	

Batch 1800861 - EPA 7471A

Blank (1800861-BLK1)	Prepared & Analyzed: 01/30/18									
Mercury	ND	0.10	mg/kg							
LCS (1800861-BS1)	Prepared & Analyzed: 01/30/18									
Mercury	0.192	0.10	mg/kg	0.208		92	75-125			
Matrix Spike (1800861-MS1)	Source: 18A1464-01			Prepared & Analyzed: 01/30/18						
Mercury	0.218	0.10	mg/kg	0.208	0.0315	90	75-125			
Matrix Spike Dup (1800861-MSD1)	Source: 18A1464-01			Prepared & Analyzed: 01/30/18						
Mercury	0.251	0.10	mg/kg	0.208	0.0315	106	75-125	14	25	

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Stuite 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062.001A Project Manager: Paolo Dizon	CLS Work Order #: 18A1386 COC #: 186169
--	---	--

Extractable Petroleum Hydrocarbons by EPA Method 8015M - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1800812 - EPA 3510B GCNV										
Blank (1800812-BLK1)				Prepared & Analyzed: 01/29/18						
Diesel	ND	1.0	mg/kg							
Motor Oil	ND	1.0	"							
Surrogate: <i>o</i> -Terphenyl	0.505		"	0.500		101	65-135			
LCS (1800812-BS1)				Prepared & Analyzed: 01/29/18						
Diesel	48.1	1.0	mg/kg	50.0		96	65-135			
Surrogate: <i>o</i> -Terphenyl	0.510		"	0.500		102	65-135			
LCS Dup (1800812-BSD1)				Prepared & Analyzed: 01/29/18						
Diesel	44.8	1.0	mg/kg	50.0		90	65-135	7	30	
Surrogate: <i>o</i> -Terphenyl	0.521		"	0.500		104	65-135			
Matrix Spike (1800812-MS1)				Source: 18A1386-08		Prepared & Analyzed: 01/29/18				
Diesel	46.3	1.0	mg/kg	50.0	ND	93	59-138			
Surrogate: <i>o</i> -Terphenyl	0.450		"	0.500		90	65-135			
Matrix Spike Dup (1800812-MSD1)				Source: 18A1386-08		Prepared & Analyzed: 01/29/18				
Diesel	46.2	1.0	mg/kg	50.0	ND	92	59-138	0.3	37	
Surrogate: <i>o</i> -Terphenyl	0.422		"	0.500		84	65-135			

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine)
2 Ada Stuite 250
Irvine, CA 92618

Project: Costco Loomis
Project Number: 20172062.001A
Project Manager: Paolo Dizon

CLS Work Order #: 18A1386
COC #: 186169

TPH-Gasoline by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1800766 - EPA 5030 Soil MS

Blank (1800766-BLK1)

Prepared & Analyzed: 01/25/18

Gasoline	ND	0.20	mg/kg							
Surrogate: Toluene-d8	0.0262		"	0.0300		87	65-135			

LCS (1800766-BS1)

Prepared & Analyzed: 01/25/18

Gasoline	2.23	0.20	mg/kg	2.00		112	65-135			
Surrogate: Toluene-d8	0.0263		"	0.0300		88	65-135			

LCS Dup (1800766-BSD1)

Prepared & Analyzed: 01/25/18

Gasoline	2.32	0.20	mg/kg	2.00		116	65-135	4	30	
Surrogate: Toluene-d8	0.0257		"	0.0300		86	65-135			

Matrix Spike (1800766-MS1)

Source: 18A1325-01

Prepared & Analyzed: 01/25/18

Gasoline	2.20	0.20	mg/kg	2.00	ND	110	63-124			
Surrogate: Toluene-d8	0.0259		"	0.0300		86	65-135			

Matrix Spike Dup (1800766-MSD1)

Source: 18A1325-01

Prepared & Analyzed: 01/25/18

Gasoline	2.15	0.20	mg/kg	2.00	ND	108	63-124	2	35	
Surrogate: Toluene-d8	0.0251		"	0.0300		84	65-135			

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine)
2 Ada Stuite 250
Irvine, CA 92618

Project: Costco Loomis
Project Number: 20172062.001A
Project Manager: Paolo Dizon

CLS Work Order #: 18A1386
COC #: 186169

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1800766 - EPA 5030 Soil MS

Blank (1800766-BLK1)

Prepared & Analyzed: 01/25/18

Acetone	ND	100	µg/kg							
Benzene	ND	5.0	"							
Bromobenzene	ND	5.0	"							
Bromochloromethane	ND	5.0	"							
Bromodichloromethane	ND	5.0	"							
Bromoform	ND	5.0	"							
Bromomethane	ND	10	"							
2-Butanone	ND	100	"							
n-Butylbenzene	ND	5.0	"							
sec-Butylbenzene	ND	5.0	"							
tert-Butylbenzene	ND	5.0	"							
Carbon tetrachloride	ND	5.0	"							
Chlorobenzene	ND	5.0	"							
Chloroethane	ND	5.0	"							
Chloroform	ND	5.0	"							
Chloromethane	ND	10	"							
o-Chlorotoluene	ND	5.0	"							
p-Chlorotoluene	ND	5.0	"							
Dibromochloromethane	ND	5.0	"							
1,2-Dibromo-3-chloropropane	ND	10	"							
1,2-Dibromoethane (EDB)	ND	5.0	"							
Dibromomethane	ND	5.0	"							
1,2-Dichlorobenzene	ND	5.0	"							
1,3-Dichlorobenzene	ND	5.0	"							
1,4-Dichlorobenzene	ND	5.0	"							
Dichlorodifluoromethane (Freon 12)	ND	10	"							
1,1-Dichloroethane	ND	5.0	"							
1,2-Dichloroethane	ND	5.0	"							
1,1-Dichloroethene	ND	5.0	"							
cis-1,2-Dichloroethene	ND	5.0	"							
trans-1,2-Dichloroethene	ND	5.0	"							

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Stuite 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062.001A Project Manager: Paolo Dizon	CLS Work Order #: 18A1386 COC #: 186169
--	---	--

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1800766 - EPA 5030 Soil MS

Blank (1800766-BLK1)

Prepared & Analyzed: 01/25/18

1,2-Dichloropropane	ND	5.0	µg/kg
1,3-Dichloropropane	ND	5.0	"
2,2-Dichloropropane	ND	5.0	"
1,1-Dichloropropene	ND	5.0	"
cis-1,3-Dichloropropene	ND	5.0	"
trans-1,3-Dichloropropene	ND	5.0	"
Ethylbenzene	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
2-Hexanone	ND	50	"
Isopropylbenzene	ND	5.0	"
p-Isopropyltoluene	ND	5.0	"
Methylene chloride	ND	20	"
4-Methyl-2-pentanone	ND	50	"
Methyl tert-butyl ether	ND	5.0	"
Naphthalene	ND	5.0	"
n-Propylbenzene	ND	5.0	"
Styrene	ND	5.0	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
1,1,1,2-Tetrachloroethane	ND	5.0	"
Tetrachloroethene	ND	5.0	"
Toluene	ND	5.0	"
1,2,3-Trichlorobenzene	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
1,1,1-Trichloroethane	ND	5.0	"
Trichloroethene	ND	5.0	"
Trichlorofluoromethane	ND	5.0	"
1,2,3-Trichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"

CALIFORNIA LABORATORY SERVICES

Page 15 of 17

02/01/18 11:50

Kleinfelder (Irvine)
2 Ada Stuite 250
Irvine, CA 92618

Project: Costco Loomis
Project Number: 20172062.001A
Project Manager: Paolo Dizon

CLS Work Order #: 18A1386
COC #: 186169

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1800766 - EPA 5030 Soil MS										
Blank (1800766-BLK1)					Prepared & Analyzed: 01/25/18					
Vinyl chloride	ND	10	µg/kg							
Xylenes (total)	ND	10	"							
Di-isopropyl ether	ND	5.0	"							
Ethyl tert-butyl ether	ND	5.0	"							
tert-Amyl methyl ether	ND	5.0	"							
tert-Butyl alcohol	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	32.8		"	30.0		109	50-125			
Surrogate: Toluene-d8	26.2		"	30.0		87	62-125			
Surrogate: 4-Bromofluorobenzene	31.5		"	30.0		105	50-128			
LCS (1800766-BS1)					Prepared & Analyzed: 01/25/18					
Benzene	18.4	5.0	µg/kg	20.0		92	64-135			
Chlorobenzene	17.5	5.0	"	20.0		88	67-133			
1,1-Dichloroethene	19.5	5.0	"	20.0		98	53-137			
Toluene	17.1	5.0	"	20.0		86	61-138			
Trichloroethene	17.6	5.0	"	20.0		88	64-130			
Surrogate: 1,2-Dichloroethane-d4	27.4		"	30.0		91	50-125			
Surrogate: Toluene-d8	31.2		"	30.0		104	62-125			
Surrogate: 4-Bromofluorobenzene	28.7		"	30.0		96	50-128			
LCS Dup (1800766-BS1)					Prepared & Analyzed: 01/25/18					
Benzene	19.1	5.0	µg/kg	20.0		96	64-135	4	30	
Chlorobenzene	16.6	5.0	"	20.0		83	67-133	6	30	
1,1-Dichloroethene	20.8	5.0	"	20.0		104	53-137	6	30	
Toluene	17.9	5.0	"	20.0		89	61-138	4	30	
Trichloroethene	17.8	5.0	"	20.0		89	64-130	1	30	
Surrogate: 1,2-Dichloroethane-d4	29.2		"	30.0		97	50-125			
Surrogate: Toluene-d8	31.4		"	30.0		105	62-125			
Surrogate: 4-Bromofluorobenzene	28.2		"	30.0		94	50-128			

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine)
2 Ada Stuite 250
Irvine, CA 92618

Project: Costco Loomis
Project Number: 20172062.001A
Project Manager: Paolo Dizon

CLS Work Order #: 18A1386
COC #: 186169

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1800766 - EPA 5030 Soil MS

Matrix Spike (1800766-MS1)	Source: 18A1325-01			Prepared & Analyzed: 01/25/18						
Benzene	17.8	5.0	µg/kg	20.0	ND	89	58-139			
Chlorobenzene	15.9	5.0	"	20.0	ND	79	62-134			
1,1-Dichloroethene	20.1	5.0	"	20.0	ND	100	53-152			
Toluene	16.6	5.0	"	20.0	ND	83	58-139			
Trichloroethene	18.6	5.0	"	20.0	ND	93	55-138			
Surrogate: 1,2-Dichloroethane-d4	32.9		"	30.0		110	50-125			
Surrogate: Toluene-d8	32.6		"	30.0		109	62-125			
Surrogate: 4-Bromofluorobenzene	31.3		"	30.0		104	50-128			

Matrix Spike Dup (1800766-MSD1)	Source: 18A1325-01			Prepared & Analyzed: 01/25/18						
Benzene	18.1	5.0	µg/kg	20.0	ND	90	58-139	2	30	
Chlorobenzene	15.5	5.0	"	20.0	ND	77	62-134	3	30	
1,1-Dichloroethene	18.9	5.0	"	20.0	ND	95	53-152	6	30	
Toluene	16.4	5.0	"	20.0	ND	82	58-139	1	30	
Trichloroethene	19.6	5.0	"	20.0	ND	98	55-138	5	30	
Surrogate: 1,2-Dichloroethane-d4	30.3		"	30.0		101	50-125			
Surrogate: Toluene-d8	33.6		"	30.0		112	62-125			
Surrogate: 4-Bromofluorobenzene	31.2		"	30.0		104	50-128			

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine)
2 Ada Stuite 250
Irvine, CA 92618

Project: Costco Loomis
Project Number: 20172062.001A
Project Manager: Paolo Dizon

CLS Work Order #: 18A1386
COC #: 186169

Notes and Definitions

- QM-5 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

February 09, 2018

CLS Work Order #: 18B0099
COC #: GREEN

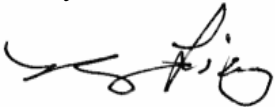
Paolo Dizon
Kleinfelder (Irvine)
2 Ada Suite 250
Irvine, CA 92618

Project Name: Costco Loomis

Enclosed are the results of analyses for samples received by the laboratory on 02/02/18 08:32. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

A handwritten signature in black ink, appearing to read 'James Liang', written in a cursive style.

James Liang, Ph.D.
Laboratory Director

19B0099

CHANGE OF STATUS

Work Order # 18A1379

New Work Order Revise Existing Work Order

Project Name: COSTLO LOOMIS

Date Sample(s) Were Received: 1/25/18 Original Date 2/1/14

SANA ROYEL of KLEINFELDER called/mailed
(Client Contacted) (Company)

On 2/1/18 at 1650 hr
(Date) (Time) (EMAIL)

LEAD ... and requested the following:
Ron STLC on samples:

- 01 (SB-50-0.5)
- 03 (SB-48-0.5)
- 13 (SB-51-0.5)
- 25 (SB-58-0.5)

Ron STLC-LEAD & TCLP-LEAD on samples:

- 07 (SB-49-0.5)
- 15 (SB-56-0.5)

Turnaround time requested for additional work: 5
[Signature] 2/2/18
(Signature) (Date)

Updated lab job database and file folder by: _____

Cc: _____

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Stuite 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062.001A Project Manager: Paolo Dizon	CLS Work Order #: 18B0099 COC #: GREEN
--	---	--

STLC (WET) Metals by 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-50-0.5 (18B0099-01) Soil Sampled: 01/25/18 08:20 Received: 02/02/18 08:32									
Lead	1.7	0.50	mg/L	1	1801066	02/06/18	02/06/18	EPA 6010B	
SB-48-0.5 (18B0099-03) Soil Sampled: 01/25/18 08:30 Received: 02/02/18 08:32									
Lead	1.7	0.50	mg/L	1	1801066	02/06/18	02/06/18	EPA 6010B	
SB-49-0.5 (18B0099-07) Soil Sampled: 01/25/18 08:47 Received: 02/02/18 08:32									
Lead	1.5	0.50	mg/L	1	1801066	02/06/18	02/06/18	EPA 6010B	
SB-51-0.5 (18B0099-13) Soil Sampled: 01/25/18 09:12 Received: 02/02/18 08:32									
Lead	0.93	0.50	mg/L	1	1801066	02/06/18	02/06/18	EPA 6010B	
SB-56-0.5 (18B0099-15) Soil Sampled: 01/25/18 09:20 Received: 02/02/18 08:32									
Lead	3.0	0.50	mg/L	1	1801066	02/06/18	02/06/18	EPA 6010B	
SB-58-0.5 (18B0099-25) Soil Sampled: 01/25/18 10:20 Received: 02/02/18 08:32									
Lead	1.2	0.50	mg/L	1	1801066	02/06/18	02/06/18	EPA 6010B	

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Stuite 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062.001A Project Manager: Paolo Dizon	CLS Work Order #: 18B0099 COC #: GREEN
--	---	--

TCLP Metals by 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-49-0.5 (18B0099-07) Soil Sampled: 01/25/18 08:47 Received: 02/02/18 08:32									
Lead	ND	0.50	mg/L	1	1801166	02/08/18	02/09/18	EPA 6010B	
SB-56-0.5 (18B0099-15) Soil Sampled: 01/25/18 09:20 Received: 02/02/18 08:32									
Lead	ND	0.50	mg/L	1	1801166	02/08/18	02/09/18	EPA 6010B	

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Suite 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062.001A Project Manager: Paolo Dizon	CLS Work Order #: 18B0099 COC #: GREEN
---	---	---

STLC (WET) Metals by 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1801066 - EPA 3010A										
Blank (1801066-BLK1)										
Prepared & Analyzed: 02/06/18										
Lead	ND	0.50	mg/L							
LCS (1801066-BS1)										
Prepared & Analyzed: 02/06/18										
Lead	55.8	0.50	mg/L	50.0		112	75-125			
Matrix Spike (1801066-MS1)										
Source: 18B0006-01										
Prepared & Analyzed: 02/06/18										
Lead	48.3	0.50	mg/L	50.0	0.0877	96	75-125			
Matrix Spike Dup (1801066-MSD1)										
Source: 18B0006-01										
Prepared & Analyzed: 02/06/18										
Lead	48.2	0.50	mg/L	50.0	0.0877	96	75-125	0.2	30	

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Stuite 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062.001A Project Manager: Paolo Dizon	CLS Work Order #: 18B0099 COC #: GREEN
--	---	---

TCLP Metals by 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1801166 - EPA 3010A										
Blank (1801166-BLK1)										
					Prepared: 02/08/18 Analyzed: 02/09/18					
Lead	ND	0.50	mg/L							
LCS (1801166-BS1)										
					Prepared: 02/08/18 Analyzed: 02/09/18					
Lead	53.8	0.50	mg/L	50.0		108	75-125			
Matrix Spike (1801166-MS1)										
					Source: 18B0099-07		Prepared: 02/08/18 Analyzed: 02/09/18			
Lead	51.3	0.50	mg/L	50.0	ND	103	75-125			
Matrix Spike Dup (1801166-MSD1)										
					Source: 18B0099-07		Prepared: 02/08/18 Analyzed: 02/09/18			
Lead	50.2	0.50	mg/L	50.0	ND	100	75-125	2	30	

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine)
2 Ada Stuite 250
Irvine, CA 92618

Project: Costco Loomis
Project Number: 20172062.001A
Project Manager: Paolo Dizon

CLS Work Order #: 18B0099
COC #: GREEN

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

February 09, 2018

CLS Work Order #: 18B0100
COC #: GREEN

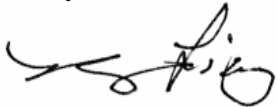
Paolo Dizon
Kleinfelder (Irvine)
2 Ada Suite 250
Irvine, CA 92618

Project Name: Costco Loomis

Enclosed are the results of analyses for samples received by the laboratory on 02/02/18 08:47. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

A handwritten signature in black ink, appearing to read 'James Liang', written in a cursive style.

James Liang, Ph.D.
Laboratory Director

CHANGE OF STATUS

18B0100

Work Order # 18A138C

New Work Order Revise Existing Work Order

Project Name: COSTCO LOOMIS

Date Sample(s) Were Received: 1/25/18

Original Date 2/1/18

SARA BOYER of KLEIN FELDER called/mailed
(Client Contacted) (Company)

On 2/1/18 at 1646
(Date) (Time) Central

... and requested the following:

Don STC-LEAD on sample
-03 (SB-60-0.5)

Turnaround time requested for additional work: 5
[Signature] 5
(Signature) (Date)

Updated lab job database and file folder by: _____

Cc: _____

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Stuite 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062.001A Project Manager: Paolo Dizon	CLS Work Order #: 18B0100 COC #: GREEN
--	---	---

STLC (WET) Metals by 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-60-0.5 (18B0100-03) Soil Sampled: 01/25/18 10:45 Received: 02/02/18 08:47									
Lead	2.9	0.50	mg/L	1	1801066	02/06/18	02/06/18	EPA 6010B	

CALIFORNIA LABORATORY SERVICES

Kleinfelder (Irvine) 2 Ada Suite 250 Irvine, CA 92618	Project: Costco Loomis Project Number: 20172062.001A Project Manager: Paolo Dizon	CLS Work Order #: 18B0100 COC #: GREEN
---	---	---

STLC (WET) Metals by 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1801066 - EPA 3010A										
Blank (1801066-BLK1)										
Prepared & Analyzed: 02/06/18										
Lead	ND	0.50	mg/L							
LCS (1801066-BS1)										
Prepared & Analyzed: 02/06/18										
Lead	55.8	0.50	mg/L	50.0		112	75-125			
Matrix Spike (1801066-MS1)										
Source: 18B0006-01 Prepared & Analyzed: 02/06/18										
Lead	48.3	0.50	mg/L	50.0	0.0877	96	75-125			
Matrix Spike Dup (1801066-MSD1)										
Source: 18B0006-01 Prepared & Analyzed: 02/06/18										
Lead	48.2	0.50	mg/L	50.0	0.0877	96	75-125	0.2	30	

CALIFORNIA LABORATORY SERVICES

Page 4 of 4

02/09/18 13:48

Kleinfelder (Irvine)
2 Ada Stuite 250
Irvine, CA 92618

Project: Costco Loomis
Project Number: 20172062.001A
Project Manager: Paolo Dizon

CLS Work Order #: 18B0100
COC #: GREEN

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference