

**APPENDIX I:
PHASE I AND PHASE II
ENVIRONMENTAL SITE ASSESSMENTS**



**Revised Phase I Environmental
Site Assessment
APN 2840-004-009
Santa Clarita, California**

September 21, 2020

Prepared for:

New Urban West, Inc.
1733 Ocean Avenue, Suite 350
Santa Monica, CA 90401

Prepared by:

Stantec Consulting Services Inc.
735 East Carnegie Drive, Suite 280
San Bernardino, California 92408

Project No.: 185804463

Sign-off Sheet and Signatures of Environmental Professionals

This document entitled Phase I Environmental Site Assessment was prepared by Stantec Consulting Services Inc. ("Stantec") for the account of New Urban West Inc. (the "Client"). Any reliance on this document by any third party is strictly prohibited. The material in it reflects Stantec's professional judgment in light of the scope, schedule and other limitations stated in the document and in the contract between Stantec and the Client. The opinions in the document are based on conditions and information existing at the time the document was published and do not take into account any subsequent changes. In preparing the document, Stantec did not verify information supplied to it by others. Any use which a third party makes of this document is the responsibility of such third party. Such third party agrees that Stantec shall not be responsible for costs or damages of any kind, if any, suffered by it or any other third party as a result of decisions made or actions taken based on this document.

All information, conclusions, and recommendations provided by Stantec in this document regarding the Phase I ESA have been prepared under the supervision of and reviewed by the professionals whose signatures appear below.

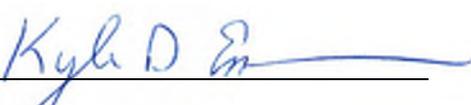
Author:  _____

Debbie Hernandez
Geologic Staff

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

Quality Reviewer:  _____

Alicia Jansen
Associate Scientist

Independent Reviewer:  _____

Kyle Emerson, C.E.G., P.G.,
Managing Principal Geologist



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Abbreviations

AAI	All Appropriate Inquiry
ACM	Asbestos-containing material
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulation
CREC	Controlled Recognized Environmental Conditions
ELUC	Environmental Land Use Control
EP	Environmental Professional
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
FEMA	Federal Emergency Management Agency
ft msl	Feet above mean sea level
HREC	Historical Recognized Environmental Conditions
LBP	Lead-based paint
LUST	Leaking Underground Storage Tank
NESHAP	National Emissions Standard for Hazardous Air Pollutants
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Conditions
SWMU	Solid Waste Management Unit
TSCA	Toxic Substance Control Act
USDA	United States Department of Agriculture
USGS	United States Geological Survey
UST	Underground Storage Tank
VEC	Vapor Encroachment Condition
VOCs	Volatile Organic Compounds



1.0 SUMMARY

Stantec Consulting Services Inc. (Stantec) has completed a Phase I Environmental Site Assessment (ESA) report of the property located at APN 2840-004-009 in the City of Santa Clarita, California (the "Property"), on behalf of New Urban West, Inc. (the "Client"). The work was performed according to Stantec's proposal and terms and conditions dated and accepted by the Client on May 9, 2019. New Urban West, Inc. (the "User") has been designated as the User of this report.

The Phase I ESA was conducted in conformance with the requirements of American Society for Testing and Materials (ASTM) Designation E 1527-13, and All Appropriate Inquiry (AAI) as defined by the US-EPA in Title 40 of the Code of Federal Regulations, Part 312, except as may have been modified by the scope of work, and terms and conditions, requested by the Client. Any exceptions to, or deletions from, the ASTM or AAI practice are described in Section 2.3.

The Property consists of approximately 20.34 acres of primarily undeveloped vacant land east of Lost Canyon Road in the City of Santa Clarita, California. According to the City of Santa Clarita Zoning Map, last updated November 2016, the Property is zoned as Business Park (BP). Surrounding Properties are a mix of residential Properties including current construction of residential units just north of the Property. A drainage basin was noted on the northwestern corner of the Property and was added to facilitate the development of the adjacent apartment project. A Property location map is illustrated on Figure 1. A Property map illustrating the main features of the Property is provided as Figure 2. Photographs taken during the site reconnaissance visit are provided in Appendix A.

During the site reconnaissance, a concrete staircase was observed on the northwestern corner of the Property with access to Lost Canyon Road. A debris pile was also observed along the northern boundary of the Property including protective concrete risers/utility vaults. The debris pile is not considered an environmental concern to the Property and no further assessment is required.

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of APN 2840-004-009, the Property. Any exceptions to, or deletions from, this practice are described in Section 6.2 of this report. This assessment has revealed the following evidence of recognized environmental conditions in connection with the Property:

- **Adjacent Railroad Tracks.** Railroad tracks are located adjacent to the south. Herbicides are commonly applied to railroad alignments, and heavy metals associated with herbicidal application are commonly found in these areas. Due to the historical presence of the spur, Stantec recommends performing a Phase II subsurface investigation to sample and analyze shallow soil samples along this Property boundary for the presence of heavy-metals to evaluate if they are present at concentrations above residential screening levels or hazardous waste disposal levels.
- **Historical Agricultural Use.** The Property was historically used for agricultural purposes between the 1940s and 1950s. Historical agricultural activities are considered a REC. Accordingly, Stantec recommends performing a Phase II subsurface investigation to sample and analyze shallow soil at the Property to evaluate whether residual pesticides or heavy metals associated with herbicide



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applications are present above regulatory screening levels, human health risk criteria or California hazardous waste levels. The need for sampling for these compounds given the intended use is for protection of construction workers during development of the paths when exposed to dust. The second issue is the potential for off-Site removal of soil, which will require profiling by chemical analysis to determine the proper location for disposal.

Stantec identified the following non-ASTM issues:

- **Historical Hog Farm.** Additionally, the Property was historically used for a hog farm. Due to the high concentrations of nitrates commonly found in manure, there is a concern that wash down water concentrated with nitrates may have impacted the subsurface beneath the Property. Improper fertilizer or manure disposal practices by the hog farm can affect soil at the Property. Stantec recommends performing a methane survey to evaluate potential impacts to the subsurface from hog farm operations and the preparation of a soil management plan to deal with manure and potential buried carcasses.

The preceding summary is intended for informational purposes only. Reading of the full body of this report is recommended.



2.0 INTRODUCTION

The objective of this Phase I ESA was to perform All Appropriate Inquiry (AAI) into the past ownership and uses of the Property consistent with good commercial or customary practice as outlined by the ASTM in “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process”, Designation E1527-13. “All Appropriate Inquiry” (AAI) is the process for evaluating a property’s environmental conditions for the purpose of qualifying for landowner liability protections under CERCLA, following final rule of Part 312 of Title 40, Code of Federal Regulations (40 CFR Part 312). The purpose of this Phase I ESA was to identify, to the extent feasible, adverse environmental conditions including recognized environmental conditions (“RECs”) of the Property.

The ASTM E1527-13 standard indicates that the purpose of the Phase I ESA is to identify RECs, including historical recognized environmental conditions (“HRECs”), and controlled recognized environmental conditions (“CRECs”) that may exist at a property. The term “recognized environmental conditions” means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property:

1. Due to any release to the environment;
2. Under conditions indicative of a release to the environment; or
3. Under conditions that pose a material threat of a future release to the environment.

ASTM defines a “HREC” as a REC that has occurred in connection with a property, but has been addressed to the satisfaction of the applicable regulatory authority and meets current unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (e.g., property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a HREC, the environmental professional (EP) must determine whether the past release is a REC when the current Phase I ESA is conducted (e.g., if there has been a change in the regulations). If the EP considers the past release to be a REC at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a REC.

ASTM defines a “CREC” as a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (e.g., as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), but with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (e.g., property use restrictions, activity and use limitations, institutional controls, or engineering controls).

As defined by ASTM, RECs can include hazardous substances or petroleum products present under conditions in compliance with laws if that presence represents a material threat of future release. The presence of hazardous substances or petroleum products is, however, not a REC if that presence is a *de minimis* condition. De minimis conditions are minor occurrences of contamination that generally do not present a material risk to human health and would not likely be subject to enforcement action if brought to the attention of governmental agencies.



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This Phase I ESA was conducted in accordance with our proposal to New Urban West, Inc. dated and authorized by the Client on May 9, 2019. The scope of work conducted during this Phase I ESA consisted of a visual reconnaissance of the Property, interviews with key individuals, and review of reasonably ascertainable documents. The scope of work did not include an assessment for environmental regulatory compliance of any facility ever operated at the Property (past or present), or sampling and analyzing of environmental media. Stantec was not contracted to perform an independent evaluation of the purchase or lease price of the Property and its relationship to current fair market value. The conclusions presented in this Phase I ESA report are professional opinions based on data described herein. The opinions are subject to the limitations described in Section 2.3.

ASTM E1527-13 notes that the availability of record information varies from source to source. The User or Environmental Professional is not obligated to identify, obtain, or review every possible source that might exist with respect to a property. Instead, ASTM identifies record information that is reasonably ascertainable from standard sources. "Reasonably ascertainable" means:

1. Information that is publicly available;
2. Information that is obtainable from its source within reasonable time and cost constraints; and
3. Information that is practicably reviewable.

2.1 PROPERTY DESCRIPTION

The Property consists of approximately 20.34 acres of undeveloped vacant land east of Lost Canyon Road in the City of Santa Clarita, California. According to the City of Santa Clarita Zoning Map, last updated November 2016, the Property is zoned as Business Park (BP). Surrounding Properties are a mix of residential Properties including current construction of residential units just north of the Property. A drainage basin was noted on the northwestern corner of the Property and was added to facility the development of the adjacent apartment project. A Property location map is illustrated on Figure 1. A Property map illustrating the main features of the Property is provided as Figure 2. Photographs taken during the site reconnaissance visit are provided in Appendix A.

2.2 SPECIAL TERMS, CONDITIONS, AND SIGNIFICANT ASSUMPTIONS

There were no special terms, conditions, or significant assumptions associated with this Phase I ESA.

2.3 EXCEPTIONS AND LIMITING CONDITIONS

This report documents work that was performed in accordance with generally accepted professional standards at the time and location in which the services were provided and given the schedule and budget constraints established by the client. No other representations, warranties, or guarantees are made concerning the accuracy or completeness of the data or conclusions contained within this report, including no assurance that this work has uncovered all potential and actual liabilities and conditions associated with the Property.



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This report provides an evaluation of selected environmental conditions associated with the Property that was assessed at the time the work was conducted and is based on information obtained by and/or provided to Stantec at that time. There are no assurances regarding the accuracy and completeness of this information. All information received from the client or third parties in the preparation of this report has been assumed by Stantec to be correct. Stantec assumes no responsibility for any deficiency or inaccuracy in information received from others.

Conclusions made within this report consist of Stantec's professional opinion as of the time of the writing of this report and are based solely on the scope of work described in the report, the limited data available, and the results of the work. They are not a certification of the property's environmental condition.

This report relates solely to the specific project for which Stantec was retained and the stated purpose for which this report was prepared and shall not be used or relied upon by client for any variation or extension of this project, any other project, or any other purpose.

This report has been prepared for the exclusive use of the client identified herein and any use of or reliance on this report by any third party is prohibited, except as may be consented to in writing by Stantec or as required by law. The provision of any such consent is at Stantec's sole and unfettered discretion and will only be authorized pursuant to the conditions of Stantec's standard form reliance letter. Stantec assumes no responsibility for losses, damages, liabilities, or claims, howsoever arising, from third party use of this report.

Project Specific limiting conditions are provided in Section 2.2.

The locations of any utilities, buildings and structures, and property boundaries illustrated in or described within this report, if any, including pole lines, conduits, water mains, sewers and other surface or sub-surface utilities and structures, are not guaranteed. Before starting site work, the exact location of all such utilities and structures must be confirmed by the client and the party performing the work, and Stantec assumes no liability resulting from damage to such utilities and structures.

The conclusions are based on the conditions encountered at the Property by Stantec at the time the work was conducted. As the purpose of this report is to identify Property conditions which may pose an environmental risk; the identification of non-environmental risks to structures or people on the Property is beyond the scope of this assessment.

The findings, observations, and conclusions expressed by Stantec in this report are not an opinion concerning the compliance of any past or present owner or operator of the Property which is the subject of this report with any Federal, state, provincial or local law or regulation.

This report presents professional opinions and findings of a scientific and technical nature. It does not and shall not be construed to offer a legal opinion or representations as to the requirements of, nor compliance with, environmental laws, rules, regulations or policies of Federal, state, provincial or local governmental agencies. It is recommended that issues raised by the report should be reviewed for the client by its legal counsel.



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Stantec specifically disclaims any responsibility to update the conclusions in this report if new or different information later becomes available or if the conditions or activities on the property subsequently change.

2.4 PERSONNEL QUALIFICATIONS

This Phase I ESA was conducted by, or under the supervision of, an individual that meets the ASTM definition of an Environmental Professional (EP). The credentials of the EP and other key Stantec personnel involved in conducting this Phase I ESA are provided in Appendix B.



3.0 USER-PROVIDED INFORMATION

ASTM E1527-13 describes responsibilities of the User to complete certain tasks in connection with the performance of “All Appropriate Inquiries” into the Property. The ASTM standard requires that the Environmental Professional request information from the User on the results of those tasks because that information can assist in the identification of RECs, CRECs, HRECs, or de minimis conditions in connection with the Property. Towards that end, Stantec requested that the User provide the following documents and information:

Description of Information	Provided (Yes / No)	Description and/or Key Findings
User Questionnaire and/or Interview	Yes	No RECs or environmental concerns were noted in the user questionnaire.
Environmental Liens or Activity Use Limitations	N/A	Stantec reviewed a Preliminary Title Report prepared by the Chicago Title Company of Los Angeles, California. No environmental liens or activity and use limitations were identified in the Preliminary Title Report. A copy of the Preliminary Title Report is provided in Appendix C.
Previous Environmental Permits or Reports Provided by User	Yes	A previous Phase I ESA was performed for the Property and is summarized in Section 4.4.6.
Purpose of the Phase I ESA	Yes	Due diligence

Stantec forwarded the ASTM recommended User Questionnaire to Kevin Harbison of New Urban West, Inc. The completed User Questionnaire returned to us by Mr. Harbison is included in Appendix C.

Mr. Harbison is not aware of any environmental cleanup liens, activity and land use limitations on the Property. The Client provided no information indicating any specialized knowledge or experience and is unaware of commonly known or reasonably ascertainable information about the Property. The Client provided no information indicating any obvious or likely present contamination. The User provided information is included in Appendix C.



4.0 RECORDS REVIEW

The objective of consulting historical sources of information is to develop the history of the Property and surrounding area and evaluate if past uses may have resulted in RECs. Physical setting records are evaluated to determine if the physical setting may have contributed to adverse environmental conditions in connection with the Property. During the review of historical records, Stantec attempted to identify uses of the Property from the present to the first developed use of the Property. Stantec's research included the reasonably ascertainable and useful records described in this section.

4.1 PHYSICAL SETTING

A summary of the physical setting of the Property is provided in the table below with additional details in the following subsections

Topography:	The Property is at an elevation of 1,490 feet above mean sea level (msl). The regional topographic complex due to the various faults found including the San Gabriel Fault located approximately one mile to the southwest, the Soledad Fault located approximately two miles to the northeast.
Soil/Bedrock Data:	The area of the Property primarily consists of Quaternary alluvium characterized by alluvial gravel, sands and clays.
Estimated Depth to Groundwater/ Estimated Direction of Gradient:	According to the Geotechnical Investigation report prepared by Feffer Geological Consulting dated April 27, 2020, groundwater was encountered by RTF&A at 12 and 52 feet below ground surface.
NOTE: Site-specific groundwater flow direction and depth can only be determined by conducting site-specific testing, which Stantec has not conducted.	

4.1.1 Property Topography and Surface Water Flow

The Property is at an elevation of approximately 1,490 feet above mean sea level (msl). The Property topographic gradient is relatively flat with a slight downhill gradient towards the west (USGS Mint Canyon 7.5-minute map, 2012) on the western half of the Property. The topographic gradient on the eastern half of the Property is reported to flow to the south and southeast. Despite the flat topography of the immediate area, the surrounding topography is complex due to the various faults found including the San Gabriel Fault located approximately one mile to the southwest, the Soledad Fault located approximately two miles to the northeast.. As water flows over the surface, the water is expected to travel to the west and infiltrates the ground surface.



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4.1.2 Regional and Property Geology

The Property is located south of the Santa Clara river and within the Transverse Range Geomorphic Province. The area of the Property primarily consists of Quaternary alluvium characterized by alluvial gravel, sands and clays. The southern portion of the Property consists of the Mint Canyon Formation of Miocene age. The Formation is characterized by sedimentary deposits ranging from pebble-cobble conglomerate through sandstone to claystone (Dibblee, 1996).

4.1.3 Regional and Property Hydrogeology

The shallow water table is often a subdued expression of surface topography. Shallow groundwater generally flows from areas of groundwater recharge, such as hills and broad uplands, to areas of groundwater discharge, such as wetlands, rivers, and lakes. Based on the local surface topography, local shallow groundwater is expected to flow in the general direction of the Santa Clara River to the north-northwest.

According to the Geotechnical Investigation report prepared by Feffer Geological Consulting (Feffer) dated April 27, 2020, groundwater was encountered by RTF&A at 12 and 52 feet below ground surface. However, Feffer did not observed groundwater to a depth of 51.5 feet bgs in the recent exploration at the Property.

4.2 FEDERAL, STATE AND TRIBAL ENVIRONMENTAL RECORDS

A regulatory agency database search report was obtained from Environmental Data Resources, Inc., a third-party environmental database search firm. A complete copy of the database search report, including the date the report was prepared, the date the information was last updated, and the definition of databases searched, is provided in Appendix D.

Stantec evaluated the information listed within the database relative to potential impact to the Property, assessing the potential for impacts based in part on the physical setting. As part of this process, inferences have been made regarding the likely groundwater flow direction at or near the Property. As described in 4.1.3, the inferred shallow groundwater flow direction is likely to be in the northwest. Observations about the Property and surrounding properties made during the Property reconnaissance are provided in more detail in Section 5.

4.2.1 Listings for Property

The Property was identified in the environmental database report as Canyon Park Hog Ranch and Hog Ranch in the WMUDS/SWAT and CPS-SLIC environmental databases. The Property was historically used for a hog farm. Due to the high concentrations of nitrates commonly found in manure, there is a concern that wash down water concentrated with nitrates may have impacted the subsurface beneath the Property. Improper fertilizer or manure disposal practices by the hog farm can affect soil at the Property. Stantec recommends performing a methane survey to evaluate potential impacts to the subsurface from hog farm operations and the preparation of a soil management plan to deal with manure and potential buried carcasses.



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4.2.2 Listings for Nearby Sites with Potential to Impact Property

Stantec assessed data presented in the environmental agency database search report to evaluate the potential for conditions on adjacent and nearby sites to pose a REC, CREC, or HREC for the Property. The evaluation included an opinion of the potential for contamination by hazardous substances or petroleum products to migrate to the Property from a nearby property, including by vapor migration or encroachment (i.e., potential for a vapor encroachment condition [VEC]).

Stantec considers the listings in the database search report provided in Appendix D to not constitute a potential REC for the Property.

4.3 LOCAL/REGIONAL ENVIRONMENTAL RECORDS

Stantec checked the following sources to obtain information pertaining to Property use and/or indications of RECs in connection with the Property:

4.3.1 California Geologic Energy Management (CalGEM)

Agency Name Contact Information	Finding
California Geologic Energy Management (CalGEM) Division 5816 Corporate Avenue, Suite 200 Cypress, CA 90630 Online database: https://maps.conservation.ca.gov/doggr/wellfinder/#/-/118.94276/37.12009/6 Date of contact: May 29, 2020	Stantec searched for oil wells on the CalGEM online database. According to the database, there are no oil wells located on the Property. The nearest oil well to the Property is located approximately 430 feet south and is listed as "plugged" (API 0403724309). Due to the status and proximity of the oil well, this is not considered an REC.

4.3.2 Los Angeles County Department of Public Health

Agency Name Contact Information	Finding
Los Angeles County Department of Public Health 5555 Ferguson Drive, Suite 120-04 Commerce, CA 90022 (323) 914-7806 phicor@ph.lacounty.gov May 21, 2019	Stantec submitted a request to the Los Angeles County Public Department of Public Health on May 21, 2019. Stantec received a reply from the Department of Public Health on May 22, 2019 revealing no records for the Property.



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4.3.3 California Environmental Protection Agency

Agency Name, Contact Information	Findings
California Environmental Protection Agency (CalEPA) 1001 I Street P.O. Box 2815 Sacramento, CA 95812-2815 Online Database: https://siteportal.calepa.ca.gov/nsite/map/help/	On May 29, 2020, Stantec searched for available records for the Property on the CalEPA online database. No records were available for the Property.

4.3.1 Los Angeles County Building Department

Agency Name, Contact Information	Findings
Los Angeles County Building Department Date of contact: May 29, 2020 Online database: https://dpw.lacounty.gov/bsd/bpv/	Stantec searched for available records for the Los Angeles County Building Department's online database. There were no records for the APN associated with the Property.

4.3.2 Los Angeles County Department of Public Works

Agency Name Contact Information	Finding
Los Angeles County Department of Public Works (DPW) Environmental Programs Division UST Program 900 South Fremont Avenue, 3rd Floor Alhambra, California Tel: (626) 458-3517	Stantec research the Solid Waste Management System database managed by the Los Angeles County Department of Public Works to determine if methane mitigation is required for the Property. According to this database, the Property is not within 300 feet of an oil or gas well or 1,000 feet of a methane producing site. Therefore, a methane mitigation system may not be required.

4.3.3 California Department of Toxic Substances Control (DTSC)

Agency Name, Contact Information	Findings
Deborah O. Raphael, Director 1001 "I" Street P.O. Box 806	Stantec searched EnviroStor, an online database compiled by DTSC that provides information and documents pertaining to sites that DTSC has oversight of. No records exist for the



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Agency Name, Contact Information	Findings
Sacramento, California 95812-0806 https://www.envirostor.dtsc.ca.gov/public/	Property or adjacent parcels on the Envirostor online database.

4.3.4 California State Water Resources Control Board

Agency Name, Contact Information	Findings
Regional Board District 4 320 W. Fourth Street, Suite 200 Los Angeles, California 90013 https://geotracker.waterboards.ca.gov/	Stantec searched GeoTracker, an online database compiled by the California State Water Resources Control Board that provides information and documents pertaining to sites that CAWRCB has oversight of. No records exist for the Property or adjacent parcels on the GeoTracker online database.

4.4 HISTORICAL RECORDS REVIEW

4.4.1 Land Title Records/Deeds

Stantec reviewed a Preliminary Title Report prepared by the Chicago Title Company of Los Angeles, California. According to the preliminary title report, there was a transfer of ownership between the Fee Estate and Goldman Family Limited Partnership, a Delaware limited liability partnership, as to an undivided 1/3 interest; and Rachel Jorgenson, Successor Trustee of the Marital Deduction Trust of The Cloyd Family Trust dated November 3, 2003, as to an undivided 2/3 interest. No environmental liens or activity and use limitations were identified in the Preliminary Title Report. A copy of the Preliminary Title Report is provided in Appendix C. No other land title records were reviewed by Stantec as part of this assessment.

4.4.2 Aerial Photographs

Stantec reviewed historical aerial photographs provided by EDR. The general type of activity on a property and land use changes can often be discerned from the type and layout of structures visible in the photographs. However, specific elements of a facility's operation usually cannot be discerned from aerial photographs alone. The following table summarizes Stantec's observations of the reviewed historical aerial photographs.

Year	Scale	Observations, Property and Adjoining Properties
1928 1940 1947 1952	1:500	The land is observed as agricultural land with crop lines throughout. Seasonal variation is observed through the differentiating colors of the vegetation. Train tracks are observed to run through the southern boundary of the Property. Surrounding properties remain undeveloped and the Santa Clara River is observed to the north.



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Year	Scale	Observations, Property and Adjoining Properties
1969 1970 1972 1983 1989	1:500	The land is vacant with no improvements on the land. Small structures are observed just north of the northwest corner of the Property outside of the Property Boundary.
1994	1:500	Access roads are now observed throughout the Property boundary. Additional tracks are now observed trending northeast. No further observable changes.
2002	1:500	Housing developments are now visible to the west of the Property boundary. A large area to the north of the Property line appears to have been cleared.
2005	1:500	Housing developments continue to the west and to the south of the Property. Lost Canyon Roads now travels along the western boundary.
2009 2012	1:500	Construction of the residential units to the south appear to have concluded.
2016	1:500	Grading actives are observed to the north of the Property. No other observable changes.

Name of aerial photograph source: EDR, 2019

Railroad tracks are located adjacent to the south. Herbicides are commonly applied to railroad alignments, and heavy metals associated with herbicidal application are commonly found in these areas. Due to the historical presence of the spur, Stantec recommends performing a Phase II subsurface investigation to sample and analyze shallow soil samples along this Property boundary for the presence of heavy-metals to evaluate if they are present at concentrations above residential screening levels or hazardous waste disposal levels.

4.4.3 City Directories

Stantec retained a third party to research available reverse city directories for the Property, in approximately five-year intervals. Given there is no address associated with the Property there are no listings. The listings for the neighboring properties consist primarily of residential along Lost Canyon Road. No listings of environmental concern were noted. A copy of the City Directory is presented in Appendix E.

4.4.4 Historical Fire Insurance Maps

Fire insurance maps were developed for use by insurance companies to depict facilities, properties, and their uses for many locations throughout the United States. These maps provide information on the history of prior land use and are useful in assessing whether there may be potential environmental contamination on or near the Property. These maps, which have been periodically updated since the late 19th century, often provide valuable insight into historical Property uses.



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Stantec requested fire insurance maps from Environmental Data Resources (EDR). however, no coverage exists for the Property. The Sanborn® Map Search Report indicating “no coverage” is presented in Appendix E.

4.4.5 Historical Topographic Maps

Stantec reviewed historical USGS 7.5-minute Topographic Maps of the Mint Canyon, California Quadrangle (scale 1:24,000) to help identify past Property usage and areas of potential environmental concern.

No RECs were noted during our review of the topographic maps. Copies of the historical maps are provided in Appendix E. The following table summarizes the maps reviewed and our observations.

Year	Scale	Observations, Property and Adjoining Properties
1900	1:62500	A railroad line is seen along the southern portion of the Property and the Santa Clara River runs to the north. The Property and surrounding area appear to be undeveloped.
1929 1932	1:24000	Sulfur Springs School is seen to the north across the Santa Clara River.
1940	1:62500	Development of the area begins on both sides of the Santa Clara River.
1942 1945 1947	1:24000 1:62500 1:50000	The Property and surrounding area appear similar to the previous maps.
1960	1:24000	Housing construction continues in Mint Canyon.
1974	1:24000	State Highway 14 appears to the west of the Property trending northeast. Additional major roads are observed in Soledad canyon, west of HWY 14.
1988 1994 1995 2012	1:24000 1:24000 1:24000 1:24000	Construction of the residential units to the south appear to have concluded.

Name of maps and source: EDR, 2019

4.4.6 Other Historical Sources

In 2007, R.T. Franklin and Associates conducted a Phase I Environmental Site Assessment on Assessor's Parcel Number 2840-004-009. The report stated that the land was once used for agricultural, and cattle farming. The report concluded that there were no RECs associated with the Property and no further investigations are warranted.



5.0 SITE RECONNAISSANCE

A visit to the Property and its vicinity was conducted by Deborah Hernandez, Geologic Staff on May 16, 2019. Access to the Property was provided by Mr. Kevin Harbison, Vice President of Land Development. Stantec was unaccompanied during the Property visit. Figure 2 provides information about the Property and adjoining properties and the location of potential areas of environmental concern. Photographs collected during the Property visit are included in Appendix A.

5.1 SITE RECONNAISSANCE METHODOLOGY

The site reconnaissance focused on observation of current conditions and observable indications of past uses and conditions of the Property that may indicate the presence of RECs. The reconnaissance of the Property was conducted on foot and Stantec utilized the following methodology to observe the Property:

- Traverse the outer Property boundary.
- Traverse transects across the Property.

Weather conditions during the visit to the Property were clear and sunny. There were no weather-related Property access restrictions encountered during the reconnaissance visit.

5.2 GENERAL DESCRIPTION

Property and Area Description:	The Property consists of 20.34-acre parcel on the Northeast intersection of Lost Canyon Road and Union Pacific Railroad in the City of Santa Clarita, Count of Los Angeles, California.
Property Operations.	The Property is currently a vacant lot.
Structures, Roads, Other Improvements:	No structures, roads or other improvements were observed with the exception of a 3-foot fence running parallel along the northern boundary of the Property and a concrete staircase was observed on the northwestern corner of the Property with access to Lost Canyon Road. A drainage basin was noted on the northwestern corner of the Property and was added to facility the development of the adjacent apartment project.
Property Size (acres):	Approximately 20.34 acres
Estimated % of Property Covered by Buildings and/or Pavement:	0%
Observed Current Property Use/Operations:	Undeveloped vacant land.
Observed Evidence of Past Property Use(s):	Undeveloped vacant land.
Sewage Disposal Method (and age):	None observed.



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Potable Water Source:	None observed.
Electric Utility:	None observed.

5.3 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS

The following table summarizes Stantec's observations during the Property reconnaissance.

Observations	Description/Location
Hazardous Substances and Petroleum Products as Defined by CERCLA 42 U.S.C. § 9601(14):	None observed.
Drums (≥ 5 gallons):	None observed.
Strong, Pungent, or Noxious Odors:	None observed.
Pools of Liquid:	None observed.
Unidentified Substance Containers:	None observed.
PCB-Containing Equipment:	None observed.
Other Observed Evidence of Hazardous Substances or Petroleum Products:	None observed.

5.4 INTERIOR OBSERVATIONS

Stantec made no interior observations as the Property does not have any structures with the exception of a concrete staircase observed on the northwestern corner of the Property with access to Lost Canyon Road.

5.5 EXTERIOR OBSERVATIONS

Stantec made the following observations during the site reconnaissance of exterior areas of the Property and/or identified the following information during the interview or records review portions of the assessment:

Observations	Description
On-site Pits, Ponds, or Lagoons:	None observed.
Stained Soil or Pavement:	None observed.
Stressed Vegetation:	None observed.
Waste Streams and Waste Collection Areas:	None observed.
Solid Waste Disposal:	A debris pile was observed along the northern boundary of the Property including protective concrete risers/utility vaults as seen in Photograph #8 of the photo log supplied in Appendix A.



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Observations	Description
	The debris pile is not considered an environmental concern to the Property and no further assessment is required.
Potential Areas of Fill Placement:	No mounds, piles, or depressions suggesting the placement of fill material were observed on the Property.
Wastewater:	No exterior wastewater discharge was observed.
Stormwater:	Storm water discharge is likely to flow to the west following the natural gradient of the Property topography. No potential off-site sources of contamination are likely to flow onto the Property via stormwater.
Wells:	No wells were observed.
Septic Systems:	No visible evidence of the existence of a septic system was observed.
Other Exterior Observations:	<p>A concrete staircase was observed on the northwestern corner of the Property with access to Lost Canyon Road.</p> <p>A water line marker was observed noting the direction of an active waterline running parallel along the northern boundary of the Property south of the unnamed road.</p> <p>Additionally, two sets of railroad tracks are located adjacent to the south traveling northeast/southwest.</p>

5.6 UNDERGROUND STORAGE TANKS/STRUCTURES

Existing USTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface patches), which would indicate the presence of USTs, was discovered during the site reconnaissance.
Former USTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface patches), reports, or other evidence of the former presence of USTs was discovered during this Phase I ESA.
Other Underground Structures:	None observed.

5.7 ABOVEGROUND STORAGE TANKS

Existing ASTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface stains), which would indicate the presence of ASTs, was discovered during the site reconnaissance.
Former ASTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface stains), reports, or other evidence of the former presence of ASTs was discovered during this Phase I ESA.



5.8 ADJOINING PROPERTIES

5.8.1 Current Uses of Adjoining Properties

As viewed from the Property and/or from public rights-of-way, Stantec made the following observations about use and activities on adjoining properties:

NORTH	Currently an active construction site, formerly a vacant lot.
EAST	Multiple single-family residential structures.
SOUTH	Railroad tracks to the immediate south, and multiple single-family residential structures.
WEST	Multiple single-family residential structures.

5.8.2 Observed Evidence of Past Uses of Adjoining Properties

Observations of adjoining properties providing indications of past use and activities, if any, are described below.

NORTH	None observed.
EAST	None observed.
SOUTH	Railroad tracks to the south.
WEST	None observed.

5.8.3 Pits, Ponds or Lagoons on Adjoining Properties

As viewed from the Property and/or from public rights-of-way, Stantec made the following observations about the presence of pits, ponds and lagoons on adjoining properties:

NORTH	None observed.
EAST	None observed.
SOUTH	None observed.
WEST	None observed.



6.0 EVALUATION

This section provides a summary overview of or Findings, Opinions, and Conclusions.

6.1 FINDINGS AND OPINIONS

Information gathered from interviews, reviews of existing data, and a property inspection was evaluated to determine if RECs are present in connection with the Property. Based on this information, Stantec made the following findings and developed the following opinions.

- Railroad tracks have been active to the south of the Property since before circa 1928. A second set of tracks were constructed in 1994.

Herbicides are commonly applied to railroad alignments, and heavy metals associated with herbicidal application are commonly found in these areas. Due to the historical presence of the spur, Stantec recommends performing a Phase II subsurface investigation to sample and analyze shallow soil samples along this Property boundary for the presence of heavy-metals to evaluate if they are present at concentrations above residential screening levels or hazardous waste disposal levels.

- The Property was historically used for agricultural purposes between the 1920s and 1950s as seen evident with crop lines visible in aerial photographs.

Historical agricultural activities are considered a REC. Accordingly, Stantec recommends performing a Phase II subsurface investigation to sample and analyze shallow soil at the Property to evaluate whether residual pesticides or heavy metals associated with herbicide applications are present above regulatory screening levels, human health risk criteria or California hazardous waste levels. The need for sampling for these compounds given the intended use is for protection of construction workers during development of the paths when exposed to dust. The second issue is the potential for off-Site removal of soil, which will require profiling by chemical analysis to determine the proper location for disposal.

- Additionally, according to the Environmental Data Resources map findings, the Property was historically used for a hog farm

Due to the high concentrations of nitrates commonly found in manure, there is a concern that wash down water concentrated with nitrates may have impacted groundwater beneath the Property. Improper fertilizer or manure disposal practices by the hog farm can affect soil and/or groundwater quality at the Property and represents a REC. Stantec recommends performing a methane survey to evaluate potential impacts to the subsurface from hog farm operations.



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6.2 DATA GAPS

The federal AAI final rule [40 CFR 312.10(a)] and ASTM E1527-13 identify a “data gap” as the lack or inability to obtain information required by the standards and practices of the rule despite good faith efforts by the Environmental Professional or the User.

Any data gaps resulting from the Phase I ESA described in this report are listed and discussed below.

Gap	Discussion
Deletions or Exceptions from Scope of Work Referenced in Section 1.4:	None.
Weather-Related Restrictions to Site Reconnaissance:	None.
Facility Access Restrictions to Site Reconnaissance:	None.
Other Site Reconnaissance Restrictions:	None.
Data Gaps from Environmental Records Review:	None.
Data Gaps from Historical Records Review:	None.
Data Gaps from Interviews:	Given the Property consists of vacant land with no on-site occupants no interview was conducted. Given the historical documents available for the Property the lack of an on-site interview is not considered a significant data gap.
Other Data Gaps:	None.



6.3 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of APN 2840-004-009, the Property. Any exceptions to, or deletions from, this practice are described in Section 6.2 of this report. This assessment has revealed the following evidence of recognized environmental conditions in connection with the Property:

- **Adjacent Railroad Tracks.** Railroad tracks are located adjacent to the south. Herbicides are commonly applied to railroad alignments, and heavy metals associated with herbicidal application are commonly found in these areas. Due to the historical presence of the spur, Stantec recommends performing a Phase II subsurface investigation to sample and analyze shallow soil samples along this Property boundary for the presence of heavy-metals to evaluate if they are present at concentrations above residential screening levels or hazardous waste disposal levels.
- **Historical Agricultural Use.** The Property was historically used for agricultural purposes between the 1940s and 1950s. Historical agricultural activities are considered a REC. Accordingly, Stantec recommends performing a Phase II subsurface investigation to sample and analyze shallow soil at the Property to evaluate whether residual pesticides or heavy metals associated with herbicide applications are present above regulatory screening levels, human health risk criteria or California hazardous waste levels. The need for sampling for these compounds given the intended use is for protection of construction workers during development of the paths when exposed to dust. The second issue is the potential for off-Site removal of soil, which will require profiling by chemical analysis to determine the proper location for disposal.

Stantec identified the following non-ASTM issues:

- **Historical Hog Farm.** Additionally, the Property was historically used for a hog farm. Due to the high concentrations of nitrates commonly found in manure, there is a concern that wash down water concentrated with nitrates may have impacted the subsurface beneath the Property. Improper fertilizer or manure disposal practices by the hog farm can affect soil at the Property. Stantec recommends performing a methane survey to evaluate potential impacts to the subsurface from hog farm operations and the preparation of a soil management plan to deal with manure and potential buried carcasses.



7.0 NON-SCOPE CONSIDERATIONS

The scope of work completed was limited solely to those items in the ASTM E1527-13 standard. The following ASTM E1527-13 non-scope services were performed as part of this Phase I ESA:

7.1 RADON

Radon is a colorless, tasteless radioactive gas with an EPA-specified action level of 4.0 PicoCuries per liter of air (pCi/L) for residential properties. Radon gas has a very short half-life of 3.8 days. The health risk potential of radon is primarily associated with its rate of accumulation within confined areas near or in the ground, such as basements, where vapors can readily transfer to indoor air from the ground through foundation cracks or other pathways. Large, adequately ventilated rooms generally present limited risk for radon exposure. The radon concentrations in buildings and homes depend on many factors, including soil types, temperature, barometric pressure, and building construction (EPA, 1993).

Stantec reviewed regional data published by the EPA on average indoor radon concentrations in the vicinity of the Property (<http://www.epa.gov/radon/zonemap.html>).

EPA Radon Zones (w/Average Measured Indoor Radon concentrations)		
Zone 1 – High (>4.0 pCi/L)	Zone 2 – Moderate (2 to 4 pCi/L)	Zone 3 – Low (<2 pCi/L)

The Property is located in Zone 2 and is considered to have medium potential for radon. To determine Property-specific radon levels, a radon survey would have to be conducted. However, because there are no proposed occupied subgrade areas at the Property, further investigation of indoor radon issues does not appear to be warranted.

7.2 FLOOD ZONES

According to the Physical Setting summary portion of the EDR report, the Property is not located within a 500-year or 100-year flood plain. Stantec also searched the FEMA flood plain map service at www.msc.fema.gov/portal/home. The FEMA maps shows the Property in "Area of Minimal Flood Hazard – Zone X. The nearest Surface Water is Santa Clara River, located approximately 1/8 mile north of the Property and the area adjacent and northwest of the Property is listed as having a 1 percent chance of flood with average depth less than 1 foot, however, that is outside the Property boundary.

7.3 PESTICIDES

Based on Stantec's review of historical documents including aerial photographs, the Property was historically used for agricultural purposes between the 1940s and 1950s. Historical agricultural activities are considered a REC. Accordingly, Stantec recommends performing a Phase II subsurface investigation to sample and analyze shallow soil at the Property to evaluate whether residual pesticides or heavy metals



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associated with herbicide applications are present above regulatory screening levels, human health risk criteria or California hazardous waste levels. The need for sampling for these compounds given the intended use is for protection of construction workers during development of the paths when exposed to dust. The second issue is the potential for off-Site removal of soil, which will require profiling by chemical analysis to determine the proper location for disposal.

Additionally, the Property was historically used for a hog farm. Due to the high concentrations of nitrates commonly found in manure, there is a concern that wash down water concentrated with nitrates may have impacted the subsurface beneath the Property. Improper fertilizer or manure disposal practices by the hog farm can affect soil at the Property. Stantec recommends performing a methane survey to evaluate potential impacts to the subsurface from hog farm operations and the preparation of a soil management plan to deal with manure and potential buried carcasses.



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8.0 REFERENCES

American Society for Testing and Materials, 2015, Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, Designation E 2600-15.

American Society for Testing and Materials, 2013, Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process, Designation: E 1527-13.

California Department of Toxic Substances Control, 2019, EnviroStor

California State Department of Water Resources Control Board, 2019, GeoTracker

California Geological Survey Earthquake Fault Zones and Seismic Hazard Zones, Mint Canyon 7.5 Minute Quadrangle

California State University Northridge, Geomorphic Regions of California,
<https://www.csun.edu/science/sierras/geomorphic-regions/index.html>

Environmental Data Resources, Inc. (EDR), EDR Radius Map, Inquiry Number 5604873.2s, dated May 14, 2019.

_____, EDR Radius Map with Geocheck, Inquiry Number 5604873.2s, dated May 14, 2019.

_____, Certified Sanborn Map Report, Inquiry Number 5604873.3, dated May 14, 2019.

_____, Historical Topographic Map Report, Inquiry Number 5604873.4, dated May 14, 2019.

_____, Aerial Photo Decade Package, Inquiry Number 5604873.8, dated May 14, 2019.

_____, City Directory Abstract, Inquiry Number 5604873.5 dated May 14, 2019.

Feffer Geological Consulting, 2020, Geotechnical Investigation For E.I.R., Proposed Multi Family Residential Development, Intersection of Lost Canyon Road & Harriman Drive, Canyon Country – Santa Clarita, CA 91387, APN: 2840-004-009, April 27, 2020.

R.T. Franklin and Associates, 2007, Phase I Environmental Site Assessment, Vista Canyon Ranch – Cloyd Property Los Angeles County Assessor's Parcel Number 2840-004-009, Los Angeles California

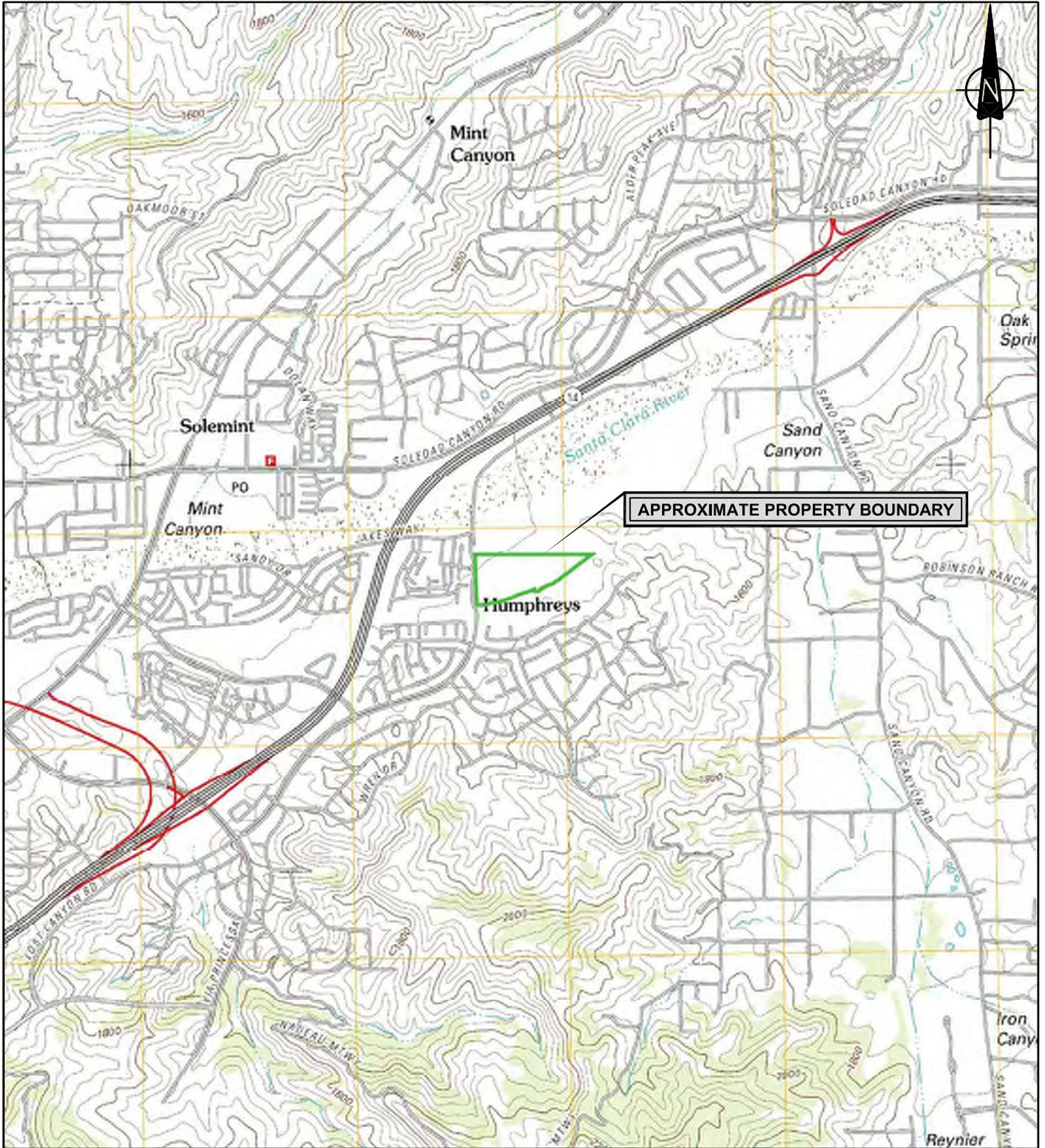
United States Environmental Protection Agency (EPA), 2019, EPA Radon Zones
<https://www.epa.gov/radon/find-information-about-local-radon-zones-and-state-contact-information>

United States Federal Emergency Management Agency (FEMA), 2019, FEMA Floodzone Map Service

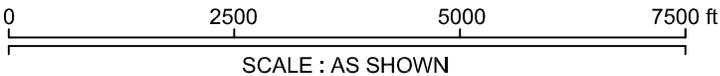


FIGURES



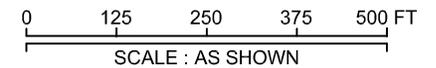


APPROXIMATE PROPERTY BOUNDARY



NOTE: THIS DRAWING ILLUSTRATES SUPPORTING INFORMATION SPECIFIC TO A STANTEC CONSULTING SERVICES REPORT AND MUST NOT BE USED FOR OTHER PURPOSES.

PROPERTY LOCATION MAP PHASE I ESA APN 2840-004-009, SANTA CLARITA, CA	Project No.: 185802669	1	
	Scale: AS SHOWN		
Client: NEW URBAN WEST, INC.	Date: 19/05/25		
	Dwn. By: CD DM SC2019050030		
	App'd By: KE		



NOTE: THIS DRAWING ILLUSTRATES SUPPORTING INFORMATION SPECIFIC TO A STANTEC CONSULTING SERVICES REPORT AND MUST NOT BE USED FOR OTHER PURPOSES.

PROPERTY DETAILS

PHASE I ESA

APN 2840-004-009, SANTA CLARITA, CA

Client:

NEW URBAN WEST, INC.

Project No.:	185802669
Scale:	AS SHOWN
Date:	19/05/25
Dwn. By:	CD ^{DM} SC2019050031
App'd By:	KE

Fig. No.:

2



APPENDICES



SANTA CLARITA, CALIFORNIA

Appendix A Photographs of the Property and Vicinity
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Appendix A Photographs of the Property and Vicinity



STANTEC CONSULTING SERVICES INC
PHOTOGRAPHIC RECORD

Client: New Urban West, Inc.

Job Number: 185804463

Site Name: APN 2840-004-009

Location: Santa Clarita, California

Photographer: D. Hernandez

Date: 5/16/2019

Photograph No. 1



Elevated view from the SW corner of the Property facing east.

Photograph No. 2



Elevated view from the SW corner of the Property facing north.

STANTEC CONSULTING SERVICES INC
PHOTOGRAPHIC RECORD

Client: New Urban West, Inc.

Job Number: 185804463

Site Name: APN 2840-004-009

Location: Santa Clarita, California

Photographer: D. Hernandez

Date: 5/16/2019

Photograph No. 3



View from the northwest corner of the Property facing south.

Photograph No. 4



View from the east corner of the Property facing southwest.

STANTEC CONSULTING SERVICES INC
PHOTOGRAPHIC RECORD

Client: New Urban West, Inc.

Job Number: 185804463

Site Name: APN 2840-004-009

Location: Santa Clarita, California

Photographer: D. Hernandez

Date: 5/16/2019

Photograph No. 5



View of the residential units to the south of the Property (across train tracks)

Photograph No. 6



Residential units to the west of the Property across Lost Canyon Road.

STANTEC CONSULTING SERVICES INC
PHOTOGRAPHIC RECORD

Client: New Urban West, Inc.

Job Number: 185804463

Site Name: APN 2840-004-009

Location: Santa Clarita, California

Photographer: D. Hernandez

Date: 5/16/2019

Photograph No. 7



Construction operations to the north of the Property across an unnamed paved road.

Photograph No. 8



View of concrete utility vaults along the northern Property boundary.

STANTEC CONSULTING SERVICES INC
PHOTOGRAPHIC RECORD

Client: New Urban West, Inc.

Job Number: 185804463

Site Name: APN 2840-004-009

Location: Santa Clarita, California

Photographer: D. Hernandez

Date: 5/16/2019

Photograph No. 9



A closer view of the concrete vault interior.

Photograph No. 10



Water line marker running parallel to the northern Property boundary.

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Appendix B Stantec Resumes
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Appendix B STANTEC RESUMES



Alicia is an Associate Scientist with over ten years of experience in Phase I and II Environmental Assessments, with strong emphasis in water quality and environmental research. She is experienced in California Environmental Quality Act (CEQA) compliance and the preparation of initial studies. Alicia has managed the preparation of environmental documents, training programs, and environmental compliance during large environmental monitoring projects. Alicia's environmental consulting experience includes performing asbestos and lead-based paint surveys, oversight of contractors during asbestos abatement, hazardous materials surveys, and Phase I Environmental Site Assessments in accordance with the practices identified in the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation E 1527-13.

EDUCATION

BA, Environmental Studies, San Jose State University, San Jose, California, 2004

CERTIFICATIONS & TRAINING

Residential Measurement Provider, 108212, National Radon Proficiency Program, Anaheim, California, 2015

REGISTRATIONS

Certified Asbestos Consultant #CAC #15-5379, State of California Division of Occupational Safety and Health

Lead Related Construction Inspector Assessor #19526, California Department of Public Health

MEMBERSHIPS

Member, Groundwater Resources Association of California

PROJECT EXPERIENCE

Health, Safety & Industrial Hygiene
Confidential Health Care Company, Asbestos, Lead-Based Paint, and Hazardous Materials Survey, Northern California (Staff)

Alicia assisted with site inspections for asbestos, lead-based paint, and hazardous materials at multiple occupied hospitals and office spaces. The scope of work involved sample collection for asbestos and lead-based paint in addition to the quantification of universal wastes (PCBs, mercury containing equipment, refrigerants, etc.) that would require special handling and disposal. She assisted with the preparation of reports summarizing findings.

State of California General Services, Asbestos, Lead-Based Paint, and Hazardous Materials Survey, Northern California (Project Lead)

Alicia assisted with site inspections for asbestos, lead-based paint, and hazardous materials at multiple communication towers in remote areas. The scope of work involved sample collection for asbestos and lead-based paint in addition to the quantification of universal wastes (PCBs, mercury containing equipment, refrigerants, etc.) that would require special handling and disposal. She assisted with the preparation of reports summarizing findings.

** denotes projects completed with other firms*

Alicia R Jansen CAC, LRCST

Environmental Scientist

Indoor Air Quality Assessments*, San Jose, California (Staff)

Alicia performed site inspections, interviews, and collected air samples to be analyzed for various air pollutants and molds including formaldehyde, penicillium, aspergillus, cladosporium, and stachybotry. She prepared reports summarizing findings and made recommendations.

Veteran's Administration of Puget Sound, Asbestos and Lead-Based Paint Survey, Seattle, Washington (Project Scientist)

Alicia served as the Project Scientist responsible for hazardous building material assessments, specifically asbestos and lead-based paint. These services were required as part of the pre-design tasks for this project. Over 300 samples were collected over the span of four days culminating in a final hazardous building materials report to be incorporated into the facility design as well as demolition activities once the construction phase of the project commences.

Interim Remedial Action, Indoor Air Sampling, and Sub-Slab Soil Gas Sampling, Sunnyvale, California (Staff)

Alicia conducted an indoor air sampling survey using air sampling pumps, dosimeter badges, and flame ionization detector (FID) during a sump excavation. She performs semi-annual sub-slab soil vapor sampling and indoor air quality surveys using summa canisters. She assists with the preparation and submittal of reports summarizing the findings and provides recommendations to the RWQCB.

Lead Dust Assessment and Abatement Oversight, Fremont, California (Project Scientist)

Alicia assisted with the evaluation of lead dust in an industrial facility. A total of 307 dust wipe samples were collected in order to evaluate the potential presence of lead dust throughout the two-story, 500,000 square foot manufacturing building.

Former Tesoro Coke Facility, Asbestos, Lead-Based Paint Survey, Pittsburg, California (Project Scientist)

Alicia assisted with an asbestos and lead paint survey of 20 structures at the facility ultimately scheduled for demolition. More than 200 samples were collected over the span of two days. A report was prepared that will stand up to regulatory scrutiny for demolition while providing the information needed for worker safety during demolition activities at the facility

Permitting, Compliance, Auditing

Tesoro Refinery, Initial Study*, Benicia, California (Staff)

Alicia assisted with the background research and preparation of applicant-prepared initial study for the upgrade of a refinery.

Transmission Line Upgrade*, San Mateo to San Francisco, California (Staff)

Alicia supported the environmental compliance program for the construction of a 27-mile 230 kV underground and overhead transmission line. She assisted with the preparation and submittal of variance requests, extra work space requests, and daily and weekly reports for submittal to the California Public Utilities Commission. She also conducted research and assisted with training and report preparation.

* denotes projects completed with other firms

Alicia R Jansen CAC, LRCST

Environmental Scientist

Remedial Investigations & Assessments

Multiple Confidential Clients, Phase I Environmental Site Assessments (ESA), Multiple Sites, California (Project Lead)

Alicia performs Phase I ESA in accordance with the practices identified in the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation E 1527-13 to achieve compliance with requirements of the "All Appropriate Inquiries" rule required to obtain protection from liability under the federal Comprehensive Environmental Response, Cleanup and Liability Act (CERCLA). Previous sites include large industrial warehouses, multi-tenant commercial buildings, and residential properties. She reviews topographic maps, Sanborn Fire Insurance Maps, and files at local regulatory agencies. She interviews present and former property owners and performed site and adjacent property reconnaissance. She prepares reports summarizing the findings and provides recommendations for further assessment if applicable.

California Department of Transportation Portfolio, Multiple Sites, Northern California (Project Lead)

Alicia prepared quarterly groundwater monitoring reports, subsurface investigation reports, sensitive receptor surveys, and preferential pathway studies for various California Department of Transportation locations throughout northern California. She assisted with the utility locating, work plan preparation, field coordination, archived data onto the State Water Resource Control Board's (RWQCB) Geotracker electronic filing system.

Homebuilder, Soil Gas Sampling and Human Health Risk Assessment, San Jose, California (Project Lead)

Alicia performed a soil vapor survey in conformance with the DTSC, Advisory Active Soil Gas Investigations, using a low-dead volume soil vapor sampling device and a mobile laboratory for onsite chemical analysis. She also assisted with the report preparation summarizing the findings and providing recommendations for further assessment, if applicable.

Goodyear Portfolio, Northern California and Hawaii (Project Lead)

Alicia performed Phase I ESAs and Phase II Site Assessments for various Goodyear Tire & Rubber Company locations throughout California and Hawaii. She assisted with the installation of monitoring wells and exploratory borings; underground storage tank removals; site restoration; product removal with passive recovery system; archived data onto the State Water Resource Control Board's Geotracker electronic filing system; and assisted with the preparation of quarterly groundwater monitoring reports, sensitive receptor surveys, site conceptual models, and subsurface investigation reports.

** denotes projects completed with other firms*

Debbie is a staff geologist hired in September of 2018 at the San Bernardino Office. Through her education at Cal Poly Pomona, Debbie has extensive research and writing experience while conducting thesis work. Field experience ranges from field mapping, rock and soil classification to vast experience utilizing geophysical equipment. Since starting at Stantec, Debbie has applied her knowledge towards Phase I and II Environmental Assessment field work and report preparation. Debbie has also overseen soil vapor extraction projects Debbie completed a GIS certification program through the California University Fullerton and is experienced in ArcGIS 10, Adobe Suite, and the Microsoft Office Suite.

Debbie's environmental consulting experience includes performing Phase I Environmental Site Assessments in accordance with the practices identified in the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation E 1527-13, and the collection, and interpretation of Phase II Environmental Assessment data.

EDUCATION

Bachelor of Science, Geological Sciences,
California Polytechnica University, Pomona,
Pomona, CA, 2015

CERTIFICATIONS & TRAINING

Geographic Information Systems, California State
University, Fullerton, Fullerton, California, 2018

Lead Sampling Technician, National Association
of Training and Environmental Consulting,
Anaheim, California, 2019

8-Hour Supervisor Trainer Coarse Certification
Hazwoper, OSHA, Simi Valley, California, 2018

Adult and Pediatric First Aid/CPR/AED, American
Red Cross, San Bernardino, Ca, 2018

Asbestos Building Inspector Initial Course,
National Association of Training and
Environmental Consulting, Anaheim, California,
2018

PROJECT EXPERIENCE

Soil Vapor Intrusion Assessment/Mitigation Studies (including Methane)

Soil Vapor Intrusion Assessment, Various
Locations, California

Debbie performed field oversight during the
installation of multiple soil vapor monitoring wells.
She assisted with health and safety oversight,
classified the soils during drilling activities and
assisted with the well installation and subsequent
soil vapor sampling.

Groundwater Supply / Wells

Humboldt Energy, Water Supply Assessment

Debbie coauthored a water supply assessment
report for a wind energy project located in
Humboldt County, California. Through research of
groundwater basins and geographic information
system analysis, she finalized a report used to
supplement the design and construction of over 60
wind turbines and ancillary facilities.

Deborah J Hernandez

Geologic Staff

Phase I & II Environmental Site Assessments Environmental Site Assessment, San Bernardino, Ca

Debbie performed an onsite reconnaissance survey, historical records investigation, and formulated the report deliverable. The report provided a thorough review of the property history and defined present environmental concerns for the client.

Aerial Mapping

Mars Data Analyst, JPL*, Pasadena, Ca (Geology Intern)

Duties included mapping geologic safety hazards using HiRISE, CTX and THEMIS images on ArcGIS; analyzed rock classification and distributions to downselect eight landing sites to four. Characterized over 300 craters and their respective ejecta blankets for potential landing sites. Presented findings at the 2014 Geological Society of America Conference, Abstract #249384

** denotes projects completed with other firms*

Kyle has more than 28 years of professional experience—17 of those years with Stantec—providing geotechnical and environmental consulting. During the course of his experience, he has been involved with a wide variety of geological and engineering projects. He has been in direct charge of quality control/quality assurance (QA/QC) work for Stantec and previous firms for geological, engineering geological, and environmental services primarily in California. Additionally, Kyle has been a primary contact for Stantec with many different clients (including multi-party actions) and regulatory bodies involving contracting, workplan approvals, site assessments and closures, permitting, remedial action, and litigation support. With regard to litigation services, Kyle has extensive experience providing expert witness testimony, second-party review, and litigation support and analysis.

Kyle's extensive experience includes assessment and remediation of property-specific and regional issues involving soil and groundwater contaminated with petroleum hydrocarbons, chlorinated solvents, heavy metals, pesticides, and PCBs.

He currently serves as the managing principal geologist in Stantec's Redlands, California office.

EDUCATION

Engineering Geology/Hydrogeology, California State University, Los Angeles, California, 1984

AS, General Science, Crafton Hills College, Yucaipa, California, 1975

BS, Geological Sciences, California State University, Long Beach, California, 1982

REGISTRATIONS

Certified Engineering Geologist #1271, State of California Issued 1985, Expires 2011

Professional Geologist #4066, State of California Issued 1985, Expires 2011

PROJECT EXPERIENCE

Bioremediation

Excavation and Treatment of Petroleum-Contaminated Soil

Kyle designed the excavation and treatment of 45,000 cubic yards of petroleum-contaminated soil. Soil treatment included utilizing vapor extraction, combined with bioremediation.

** denotes projects completed with other firms*

Kyle D. Emerson PG, CEG

Managing Principal Geologist

Chemicals & Polymers

Two Former Chemical Plants, Environmental Site Assessments and Remediation, Vernon, California

Mr. Emerson was part of the team for conducting Phase I and Phase II Environmental Site Assessments (ESA) and developing remedial action plans for two former chemical plant sites with 80-year industrial histories. Phase I ESAs used historical files, maps, aerial photographs, available documents, and data from public agencies and historical directories for identifying recognized environmental concerns. Extensive Phase II ESA survey activities aided in identifying below-grade structures such as vaults/USTs, as well as assessing the extent of influence and nature of the contamination. These investigations confirmed the presence of heavy metals, petroleum hydrocarbons, volatile organic compounds, polychlorinated biphenyls, radioactive materials, semi-volatile organic compounds, and polycyclic aromatic compounds in the soils for these sites. Specific areas of concern included former settling ponds, a bone yard, maintenance areas, transformer and substations, wastewater treatment facilities, and above-ground storage tank farms. A conceptual mode was developed for use in a health risk assessment and developed risk-based corrective actions to address potential health and environmental concerns. He assisted with the development and implementation of a remedial action plan, combined administrative controls, engineering controls, and active remediation; this resulted in the cost-effective return of one site to active use, and is reducing health risks to occupants and the public at the second site.

CONFIDENTIAL: Aerospace Adhesives and Coatings Plant, Glendale, California

Mr. Emerson was part of the team that conducted feasibility studies to evaluate remedial alternatives for remediation of chlorinated VOCs, 1,4 dioxane, and hexavalent chromium (CrVI) in soil, soil vapor, and groundwater. Feasibility studies included groundwater pump testing, benchscale column testing to evaluate in situ alternatives for reducing CrVI to the less mobile CrIII valence state, soil vapor extraction, capping, and excavation. Field pilot studies were performed to evaluate the efficiency of various CrVI reductants including the use of ferrous sulfate, calcium polysulfide, emulsified oil, and fructose. Extensive multi-depth soil vapor testing was conducted to evaluate the distribution of VOCs in the subsurface and to support vapor intrusion risk assessment. Feasibility studies were completed in 2008. Remedial actions are expected to be completed in 2011.

Condition Assessments

Assessment and Mitigation of Manufacturing Facility

Kyle managed the assessment and mitigation of an ammunition manufacturing facility covering 1,100 acres in a complex geologic environment. The contaminants involved red and white phosphorous, TNT, chlorinated solvents, solid wastes, and live ordinance.

Soil Contamination Assessment Supervision and Management

Kyle managed and supervised soil contamination assessment and in-situ remediation of heavy metals involving chromium, cadmium, nickel and zinc by chemical fixation to depths in excess of 40 feet below ground surface beneath existing structures within several manufacturing facilities.

* denotes projects completed with other firms

Kyle D. Emerson PG, CEG

Managing Principal Geologist

Litigation Support and Expert Testimony

Kyle provided litigation support and expert testimony on more than 20 separate projects involving service stations, chlorinated solvent cases, heavy metal, and semi-volatile releases.

Corporate / Office

Commercial Developer - Environmental Remediation of Former Dry Cleaners, El Centro, California

Mr. Emerson was responsible for assessments and remediation at this former dry cleaners which released the dry cleaning chemical tetrachloroethene (PCE) to the ground and underlying groundwater. The work included initial site assessment, agency interaction and negotiations with the California Regional Water Quality Control Board (CRWQCB), and Colorado Basin Region human health risk assessment (HHRA), design and implementation of remedial investigations, feasibility studies, remedial action plans, and implementation of remediation in mitigating chlorinated solvent contamination in vadose and saturated zones at concentrations indicative of DNAPL. The results of the completed remediation, as well as continued confirmation sampling and monitoring, allowed the CRWQCB to issue site closure in 2008. The site has since been redeveloped into a new commercial development.

Environmental Assessments

Siting Studies

Kyle performed initial siting studies for potential Class I, II, and III landfills. The project included detailed geologic mapping, hydrogeological studies, and permeability studies of caps and liners.

Environmental Site Remediation

Assessment and Remedial Design, California (Project Supervisor)

Kyle supervised the assessment and remedial design of a system to eliminate salt brine contamination in shallow perched water horizons in the Yucaipa, San Bernardino, and Riverside areas of southern California.

Design and Installation of Recovery Systems*

Kyle designed and installed numerous free-product recovery systems that successfully recovered product. One of the sites contained product up to 11-feet thick covering more than three city blocks. The dissolved phase had affected a multi-aquifer system and a public drinking water system.

Geophysical Characterizations*

Kyle performed and supervised numerous geophysical characterizations to determine the extent of old landfills. He provided classification studies, landfill gas monitoring, removal verification during grading, methane collection and mitigation plans, permitting, and closure plans.

Domestic Landfill Development*

Kyle designed and supervised the dynamic consolidation of a domestic landfill for development. He used this process to minimize expected settlement to overlying structures. Kyle designed commercial developments on closed landfills that involved complex methane collection and monitoring systems and building settlement controls.

* denotes projects completed with other firms

Kyle D. Emerson PG, CEG

Managing Principal Geologist

Clay Borrow Site Studies

Kyle performed more than 10 separate clay borrow site studies for determining sources of material to cap landfills; ranged from a 20-acre dry lakebed to a 450-acre parcel in complex folded marine sediments.

Assessment, Clean Up, and Regulatory Support Management, Santa, Monica (Project Manager)

Kyle managed the assessment, clean up, and complex regulatory support of a PRP site in an MTBE case (Charnock subbasin). His work involved more than 20 environmental professionals working full time for two years to complete the assessment and clean up mandated by the regulatory agencies.

Hazardous Waste

San Gabriel Valley Superfund Site, Remediation & Closure of Multiple Source Areas, Industry, California

Mr. Emerson performed feasibility studies to evaluate appropriate and relevant remedial alternatives to mitigate constituents of concern in five AOCs contaminated with chlorinated hydrocarbons, heavy metals, petroleum fuel, and cutting oils. Ultimately, a combination of remedial alternatives was implemented that included large-diameter auger excavation to 45 feet to minimize impacts on facility operations, vapor extraction, vapor intrusion risk assessment, deed restriction, and monitored natural attenuation. At the completion of remedial actions, confirmation soil, soil vapor, and groundwater sampling were conducted and followed with risk assessment to demonstrate that remedial objectives had been achieved. No further action was recently granted by the US EPA and Los Angeles Regional Water Quality Control Board.

Mixed-Use

Port of San Diego Rohr Facility, Chula Vista, California

Mr. Emerson assisted in a detailed subsurface assessment of the Rohr facility. The intent of the assessment was to evaluate the 40-acre former aircraft part manufacturing facility for acquisition by the Port of San Diego for redevelopment into a business park and entertainment complex. The assessment identified the presence of soil, soil vapor, and groundwater impacts by petroleum hydrocarbons, VOCs, heavy metals, PCBs, and semi-volatile organic compounds. He utilized many sampling techniques to assess the limits and concentrations of contaminants in the subsurface. Ultimately, the team was able to develop a cost estimate for potential remedial action cost associated to corrective action to allow redevelopment.

Master Planned Commercial/Residential Redevelopment Project, Whittier, California (Project Manager)

Kyle oversaw the assessment of 26 contiguous properties that are part of a 21-acre master planned commercial/residential redevelopment project. The properties included industrial facilities, platting lines, fuel USTs, and metal processing plants, among others. The estimated cleanup costs are approximately \$2 million.

** denotes projects completed with other firms*

Kyle D. Emerson PG, CEG

Managing Principal Geologist

Multi-Unit / Family Residential

Residential Development Assessment, Ventura, California (Project Director)

Kyle directed an assessment of a 40-acre former agricultural property proposed for residential development. Pesticides were identified above hazardous waste levels and preliminary remediation goals established by the U.S. Environmental Protection Agency. Through corrective grading methods and onsite placement of the pesticide impacted soils, all material were re-used on site without offsite disposal. The overall cost savings for the client was more than \$1 million. Total cost was less than \$250,000 for all necessary activities.

Oil & Gas

Oil Field Site Assessments*

Kyle performed site assessments at oil field leases involving refineries, bulk storage areas, piping systems and wellhead, and drilling mud pit contamination.

Environmental Protection Agency Superfund Action, Culver City, California (Project Manager)

Kyle served as the project manager representing a major oil company in the assessment, remedial action, and litigation support in a multi-party contamination case affecting a City water supply. The assessment involved more than 250 continuous core borings up to 100 feet, as well as extensive remedial actions. The total cost for all related activities was \$22 million. The case is settled and the closure of the site is pending.

Project Management

Liability and Property Management Consulting Services

Kyle is providing liability and property management consulting services to more than 10 medium to large property development firms in the US. His work involves property transaction assessments, contract review, acquisition guideline development, liability management evaluation, insurance acquisition, and strategic planning.

Residential Development

Environmental Development Management and Review (Project Manager)

Kyle manages and reviews environmental development issues for a large residential developer specializing in development of contaminated industrial properties by providing innovative solutions in developing contaminated properties for residential use through risk assessment, engineering, and administrative and property development controls.

Site Management and Remediation

Design and Implementation of Biodegradation Programs*, California

Kyle designed and implemented one of the first in-situ biodegradation programs in California; it involved 50,000 cubic yards of diesel-contaminated soils, and groundwater to depths of 70 feet below ground surface.

* denotes projects completed with other firms

Kyle D. Emerson PG, CEG

Managing Principal Geologist

Soil and Groundwater Remediation Systems Soil and Groundwater Contamination Assessments and Mitigation*, California (Project Manager)

Kyle managed numerous chlorinated solvent soil and groundwater contamination assessments and mitigation programs in southern California. The projects involved releases that impacted soil and groundwater to depth of groundwater more than 700 feet in multi-aquifer systems. One case involved with plume dimensions more than 1 mile from the source affecting residential properties.

Soil and Groundwater Assessment and Remediation Programs*

Implemented hundreds of soil and groundwater assessment and remediation programs at various service station facilities in Southern and Northern California, and Nevada. Work involved assessment, remedial design, installation, maintenance and monitoring. Closure has been received on a majority of these sites.

Assessment and Remediation Management*

Kyle managed the assessment and remediation of soil and groundwater manufacturing at dry cleaning facilities contaminated with chlorinated solvents.

Warehouse / Light Industrial

Glendale Redevelopment Project, Glendale, California (Project Manager)

Kyle managed the assessment and remedial actions during the redevelopment of an industrial property. The project involved the demolition of a historic manufacturing facility and a commercial dry cleaner. Each of these facilities were associated with releases of solvents and petroleum hydrocarbons. Remedial actions involved excavation by pattern drilling and off site disposal along with removal of former USTs. The total cost of remediation and assessment was \$450,000.00.

Compton Redevelopment Project, Compton, California (Project Manager)

Kyle is serving as project manager for the assessment and remedial actions for a large redevelopment project. The project involves the redevelopment of a historic manufacturing facility and a former dry cleaner. Each of these facilities were associated with releases of solvents and petroleum hydrocarbons. The industrial facility was also associated with significant volumes of buried waste that required removal and disposal. These wastes also included the chemical referenced above, as well as PCBs and heavy metals. Remediation has included excavation, vapor extraction, and chemical fixation. The total cost of this project has been \$2.8 million to date.

* denotes projects completed with other firms

Kyle D. Emerson PG, CEG

Managing Principal Geologist

PUBLICATIONS

In-Situ Bioremediation of an Underground Diesel Fuel Spill: A Case Study. Environmental Management, 1989.

SANTA CLARITA, CALIFORNIA

Appendix C User Provided Records
September 21, 2020

Appendix C USER PROVIDED RECORDS





PHASE I ESA USER'S QUESTIONNAIRE

In order to qualify for protection from land owner liability under CERCLA as an *innocent landowner*, *bona fide prospective purchaser*, or *contiguous property owner*, ASTM standard practice E1527-13 and the federal AAI rule (40 CFR 312) require that the User of the Phase I ESA report provide certain information (if available) to the Environmental Professional completing the assessment. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete. Information that is not or cannot be provided to the Environmental Professional may be identified as a "data gap" in the Phase I ESA report.

Please answer the following questions as completely as possible. Attach additional pages as needed. Return the completed questionnaire to Stantec along with the executed Authorization For services form.

1. Property Information

Property Name: Lost Canyon

Property Address(es): Corner of Lost Canyon Road and Harriman Drive

City: Santa Clarita State CA Zip 91387

Property Owner Name: Goldman Family Limited Partnership, a Delaware limited liability partnership, as to an undivided 1/3 interest; and Rachel Jorgenson, Successor Trustee of the Marital Deduction Trust of The Cloyd Family Trust dated November 3, 2003, as to an undivided 2/3 interest

Property Owner Phone #: _____

2. Contact For Site Access

Name: Kevin Harbison

Company/Organization/Title: New Urban West, inc./V.P. Land Development

Phone # 310-926-6363 E-Mail Address: Kevinh@newurbanwest.com

3. Environmental Cleanup Liens. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

_____ Yes _____ No

If yes, describe or attach details of the lien _____

4. Activity and Land Use Limitations. Are you aware of any activity and use limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the property and/or have been filed or recorded as applicable to the property as a result of environmental contamination, investigation, cleanup, or related matters?

_____ Yes _____ No

If yes, describe or attach details of the limitations _____

5. Specialized Knowledge or Experience. As the User of this ESA, 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, such that you would have specialized knowledge about chemicals and processes used by this type of business?

_____ Yes No

If yes, describe or attach details of your specialized knowledge or experience _____

6. Relationship of Purchase Price to Fair Market Value of Property. Does the purchase price being paid for the property reasonably reflect the fair market value?

Yes _____ No

_____ Not applicable. User is not involved in a purchase of the property.

If you conclude that there is a difference, do you have any reason to believe that the reduced purchase price may be related to contamination known or believed to be present at the property?

_____ Yes, I have reason to believe that the purchase price for the property has been reduced in comparison with the fair market value due to contamination known or believed to be present at the property.

_____ No, I have no reason to believe that the purchase price for the property has been reduced in comparison with the fair market value due to contamination known or believed to be present at the property.

7. Commonly Known or Reasonably Ascertainable Information. 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 of hazardous substances or petroleum products? For example:

Do you know the past uses of the property?

_____ Yes (describe) Undeveloped vacant land

_____ No

Do you know of chemicals, hazardous substances or petroleum products that are present or once were present at the property?

_____ Yes (describe) _____

No

Do you know of spills or other releases of chemicals, hazardous substances or petroleum products that have taken place at the property?

Yes (describe) _____

No

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

Yes (describe) _____

No

8. The Degree of Obviousness of Contamination. E1527-13 and the federal AAI rule (40 CFR 312.31) require that the Phase I ESA consider 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. Based on your knowledge and experience related to the property, are there any *obvious* indicators that point to the presence or likely presence of contamination at the property?

Yes (describe) _____

No

9. Availability of Previous Environmental Reports. Are you aware of previous environmental site assessment reports, other environmental reports, documents, correspondence, etc. concerning the property and its environmental condition?

Yes (describe) Previous phase I report completed by RTFA on June 22, 2007

No

Signature: 

Name (printed): Kevin Harbison

Title: Vice President, Land Development

Date: May 22, 2019



Issuing Policies of Chicago Title Insurance Company

ORDER NO.: **00098917-994-LT2-KD**

Escrow/Customer Phone: **(213) 488-4300**

Korek Land Company
15230 Burbank Blvd., Suite 101
Sherman Oaks, CA 91411
ATTN: Deanne Boublis
Email: deanne.boublis@korekland.com
REF: Goldman/Cloyd Trust

Title Officer: **Karl Daly (LA/Comm)**
Title Officer Phone: **(213) 612-4157**
Title Officer Fax: **(213) 488-4385**
Title Officer Email: **Karl.Daly@CTT.com**

PROPERTY: **VACANT LANDS, SANTA CLARITA, CA**

PRELIMINARY REPORT

*In response to the application for a policy of title insurance referenced herein, **Chicago Title Company** hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a policy or policies of title insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an exception herein or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations or Conditions of said policy forms.*

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Attachment One. The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Attachment One. Copies of the policy forms should be read. They are available from the office which issued this report.

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

The policy(s) of title insurance to be issued hereunder will be policy(s) of Chicago Title Insurance Company, a Florida corporation.

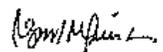
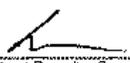
Please read the exceptions shown or referred to herein and the exceptions and exclusions set forth in Attachment One of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.

It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects and encumbrances affecting title to the land.

Chicago Title Company

By: 
Authorized Signature



By: 
Randy Quirk, President
Attest: 
Michael Gravelle, Secretary



PRELIMINARY REPORT

EFFECTIVE DATE: **March 1, 2019 at 7:30 a.m.**

ORDER NO.: 00098917-994-LT2-KD

The form of policy or policies of title insurance contemplated by this report is:

1. THE ESTATE OR INTEREST IN THE LAND HEREINAFTER DESCRIBED OR REFERRED TO COVERED BY THIS REPORT IS:

Fee Estate

2. TITLE TO SAID ESTATE OR INTEREST AT THE DATE HEREOF IS VESTED IN:

Goldman Family Limited Partnership, a Delaware limited liability partnership, as to an undivided 1/3 interest; and Rachel Jorgenson, Successor Trustee of the Marital Deduction Trust of The Cloyd Family Trust dated November 3, 2003, as to an undivided 2/3 interest

3. THE LAND REFERRED TO IN THIS REPORT IS DESCRIBED AS FOLLOWS:

See Exhibit A attached hereto and made a part hereof.

EXHIBIT "A"

LEGAL DESCRIPTION

THE LAND REFERRED TO HEREIN BELOW IS SITUATED SANTA CLARITA, IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

THAT PORTION OF THE SOUTH HALF OF THE SOUTHEAST QUARTER OF SECTION 22, TOWNSHIP 4 NORTH, RANGE 15 WEST, SAN BERNARDINO MERIDIAN, IN THE CITY OF SANTA CLARITA, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT OF SAID LAND FILED IN THE DISTRICT LAND OFFICE MARCH 29, 1877, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE NORTHERLY LINE OF SAID SOUTH HALF, DISTANT THEREON SOUTH 89 DEGREES 57 MINUTES 20 SECONDS EAST 124.57 FEET FROM THE WESTERLY LINE OF SAID SOUTHEAST QUARTER; THENCE ALONG SAID NORTHERLY LINE SOUTH 89 DEGREES 57 MINUTES 20 SECONDS EAST TO A POINT DISTANT THEREON NORTH 89 DEGREES 57 MINUTES 20 SECONDS WEST 150.99 FEET FROM THE INTERSECTION OF SAID NORTHERLY LINE WITH THE NORTHWESTERLY LINE OF THE 100 FOOT WIDE STRIP OF LAND DESCRIBED IN DEED DATED APRIL 22, 1890 FROM JOHN T. HUMPHREY'S TO SOUTHERN PACIFIC RAILROAD COMPANY; RECORDED APRIL 26, 1890, IN [BOOK 650, PAGE 125 OF DEEDS](#), RECORDS OF SAID COUNTY; THENCE SOUTH 53 DEGREES 28 MINUTES 05 SECONDS WEST 421.92 FEET; THENCE SOUTH 53 DEGREES 59 MINUTES 43 SECONDS WEST 157.20 FEET TO A POINT; THENCE SOUTHWESTERLY ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 2764.82 FEET, THROUGH A CENTRAL ANGLE OF 9 DEGREES 44 MINUTES 35 SECONDS (TANGENT TO SAID CURVE AT THE LAST MENTIONED POINT) BEARS SOUTH 56 DEGREES 04 MINUTES 05 SECONDS WEST AND NORTH OF SAID CURVE BEARS SOUTH 59 DEGREES 56 MINUTES 22 SECONDS WEST 469.59 FEET) AN ARC DISTANCE OF 470.15 FEET; THENCE NORTH 25 DEGREES 11 MINUTES 20 SECONDS WEST 50.00 FEET TO A POINT; THENCE SOUTHWESTERLY ALONG A COMPOUND CURVE TO THE RIGHT (TANGENT TO SAID CURVE AT THE LAST MENTIONED POINT BEARS SOUTH 64 DEGREES 48 MINUTES 40 SECONDS WEST) HAVING THE FOLLOWING RADII, CENTRAL ANGLES AND ARC LENGTHS; 2714.82 FEET, 10 DEGREES 53 MINUTES 36 SECONDS (CENTRAL ANGLES), 500.36 (ARC), 1759.91 FEET, 8 DEGREES 01 MINUTES 14 SECONDS (CENTRAL ANGLES), 246.36 (ARC), TO A POINT IN THE NORTHERLY LINE OF LAND DESCRIBED FIRST IN DEED DATED APRIL 26, 1890, FROM JOHN T. HUMPHREY'S TO SOUTHERN PACIFIC RAILROAD COMPANY RECORDED APRIL 26, 1890, IN [BOOK 642, PAGE 277, OF DEEDS](#), RECORDS OF SAID COUNTY; THENCE ALONG SAID LAST MENTIONED NORTHERLY LINE TO A LINE HAVING A BEARING OF NORTH 2 DEGREES 00 MINUTES 00 SECONDS WEST THAT PASSES THROUGH THE POINT OF BEGINNING.

EXCEPT THEREFROM THAT PORTION THEREOF CONDEMNED TO CASTAIC LAKE WATER AGENCY, A CALIFORNIA WATER AGENCY, IN AMENDED FINAL ORDER OF CONDEMNATION, ENTERED IN LOS ANGELES SUPERIOR COURT CASE NO. BC 317474, A CERTIFIED COPY OF WHICH RECORDED MAY 5, 2006 AS INSTRUMENT NO. [06-0997584](#), OF OFFICIAL RECORDS.

APN: **2840-004-009**

EXCEPTIONS

AT THE DATE HEREOF, ITEMS TO BE CONSIDERED AND EXCEPTIONS TO COVERAGE IN ADDITION TO THE PRINTED EXCEPTIONS AND EXCLUSIONS IN SAID POLICY FORM WOULD BE AS FOLLOWS:

- A. Property taxes, including any assessments collected with taxes, for the fiscal year 2019 - 2020 that are a lien not yet due.
- B. Property taxes, including any personal property taxes and any assessments collected with taxes, are as follows:

Tax Identification No.: 2840-004-009
Fiscal Year: 2018-2019
1st Installment: \$65,323.40, Paid
2nd Installment: \$65,323.38, Paid
Homeowners Exemption: \$none
Code Area: 15862

- C. The lien of supplemental or escaped assessments of property taxes, if any, made pursuant to the provisions of Chapter 3.5 (commencing with Section 75) or Part 2, Chapter 3, Articles 3 and 4, respectively, of the Revenue and Taxation Code of the State of California as a result of the transfer of title to the vestee named in Schedule A or as a result of changes in ownership or new construction occurring prior to Date of Policy.

1. Water rights, claims or title to water, whether or not disclosed by the public records.
2. An easement affecting the portion of said land and for the purposes stated herein and incidental purposes (No representation is made as to the present ownership of said easement)

In Favor of: Southern California Edison Company, Ltd
For: public utilities
Recorded: in Book 20996, Page 385, of Official Records
Affects: A portion of said land more particularly described therein

3. Easement(s) for the purpose(s) shown below and rights incidental thereto as reserved in a document;

Purpose: ingress and egress
Recording Date: October 25, 1968
Recording No: 2959, Book, D4175, Page 656, Official Records
Affects: that portion of said land described therein

4. A document subject to all the terms, provisions and conditions therein contained.

Entitled: Resolution No. 91-127 – A Resolution of the City Council of the City of Santa Clarita Confirming the Bouquet Canyon and Route 126 Bridge and Major Thoroughfare Construction Fee Districts Fee Revisions and Providing for Their Adoption as an Urgency Measure
Recorded: October 8, 1991 as Instrument No. 91-1581844, of Official Records

5. A document subject to all the terms, provisions and conditions therein contained.

Entitled: Resolution No. 91-106 – A Resolution of the City Council of the City of Santa Clarita Confirming the Bouquet Canyon and Route 126 Bridge and Major Thoroughfare Construction Fee Districts Fee Revisions
Recorded: October 8, 1991 as Instrument No. 91-1581845, of Official Records

EXCEPTIONS
(Continued)

6. Easement(s) for the purpose(s) shown below and rights incidental thereto as condemned by an instrument,

Entitled: Amended Final Order of Condemnation
Court: Superior Court
Case No.: BC 317474
In favor of: Castaic Lake Water Agency, a California water agency
Purpose: water pipeline
Recording Date: May 5, 2006
Recording No: 06-0997584, Official Records
Affects: that portion of said land described therein

7. Matters contained in that certain document

Entitled: Notice of Building Code Violation
Dated: November 26, 2007
Executed by: County of Los Angeles, Department of Public Works
Recording Date: December 12, 2007
Recording No: 20072731316, Official Records

Reference is hereby made to said document for full particulars.

8. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Vista Canyon Ranch, LLC
Purpose: Grading and construction
Recording Date: April 22, 2010
Recording No: 20100549665, Official Records
Affects: That portion of said land more particularly described therein

9. Matters contained in that certain document

Entitled: Memorandum of Grading, Improvements, and Easement Agreement
Dated: November 13, 2009
Executed by: Rachel Jorgenson, Successor Trustee of the Marital Deduction Trust of The Cloyd Family Trust, dated November 3, 2003, Goldman Family Limited Partnership, a Delaware limited partnership, Vista Canyon Ranch, LLC, a California limited liability company and Vista Canyon Phase 1, LLC, a Delaware limited liability company
Recording Date: November 16, 2016
Recording No: 20161433058, Official Records

Reference is hereby made to said document for full particulars.

10. A state tax lien for the amount shown and any other amounts due,

State Identification No: 09041244321
Filed by: State of California, Franchise Tax Board
Taxpayer: William C Cloyd Jr
Amount: \$6,780.40
Recording Date: February 25, 2009
Recording No: 20090267855, Official Records

EXCEPTIONS
(Continued)

11. A state tax lien for the amount shown and any other amounts due,
- State Identification No: 10048617770
Filed by: State of California, Franchise Tax Board
Taxpayer: William C Cloyd Jr
Amount: \$2,313.18
Recording Date: March 2, 2010
Recording No: 20100274988, Official Records
12. An abstract of judgment for the amount shown below and any other amounts due:
- Amount: \$16,914.20
Debtor: William C. Cloyd, Jr.
Creditor: Chrysler Financial, etc.
Date entered: June 14, 2011
County: Los Angeles
Court: Superior Court, North Valley District-Santa Clarita-Limited Civil
Case No.: 10C02051
Recording Date: August 22, 2011
Recording No: 2011113929, Official Records
13. A state tax lien for the amount shown and any other amounts due,
- State Identification No: 17319375045
Filed by: State of California
Taxpayer: William C. Cloyd
Amount: \$3,196.61
Recording Date: November 16, 2017
Recording No: 2017-1317895, of Official Records
14. Please be advised that our search did not disclose any open Deeds of Trust of record. If you should have knowledge of any outstanding obligation, please contact the Title Department immediately for further review prior to closing.
15. Any invalidity or defect in the title of the vestees in the event that the trust referred to herein is invalid or fails to grant sufficient powers to the trustee(s) or in the event there is a lack of compliance with the terms and provisions of the trust instrument.
- If title is to be insured in the trustee(s) of a trust, (or if their act is to be insured), this Company will require a Trust Certification pursuant to California Probate Code Section 18100.5.
- The Company reserves the right to add additional items or make further requirements after review of the requested documentation.
16. Matters which may be disclosed by an inspection and/or by a correct ALTA/NSPS Land Title Survey of said Land that is satisfactory to the Company, and/or by inquiry of the parties in possession thereof.

EXCEPTIONS
(Continued)

17. Any rights of the parties in possession of a portion of, or all of, said Land, which rights are not disclosed by the public records.

The Company will require, for review, a full and complete copy of any unrecorded agreement, contract, license and/or lease, together with all supplements, assignments and amendments thereto, before issuing any policy of title insurance without excepting this item from coverage.

The Company reserves the right to except additional items and/or make additional requirements after reviewing said documents.

18. The Company will require that a full copy of any unrecorded lease referred to herein be furnished to the Company, together with all supplements, assignments and amendments for review.

The Company reserves the right to add additional items or make further requirements after review of the requested documentation.

PLEASE REFER TO THE "INFORMATIONAL NOTES" AND "REQUIREMENTS" SECTIONS WHICH FOLLOW FOR INFORMATION NECESSARY TO COMPLETE THIS TRANSACTION.

END OF EXCEPTIONS

REQUIREMENTS SECTION

1. In order to complete this report, the Company requires a Statement of Information to be completed by the following party(s),

Party(s): All party's

The Company reserves the right to add additional items or make further requirements after review of the requested Statement of Information.

NOTE: The Statement of Information is necessary to complete the search and examination of title under this order. Any title search includes matters that are indexed by name only, and having a completed Statement of Information assists the Company in the elimination of certain matters which appear to involve the parties but in fact affect another party with the same or similar name. Be assured that the Statement of Information is essential and will be kept strictly confidential to this file.

2. The Company will require the following documents for review prior to the issuance of any title insurance predicated upon a conveyance or encumbrance from the limited liability partnership named below:

Name: Goldman Family Limited Partnership, a Delaware limited liability partnership

- a) Satisfactory evidence that the partnership was validly formed, is in good standing and that there have been no amendments to the partnership agreement

The Company reserves the right to add additional items or make further requirements after review of the requested documentation.

3. Unrecorded matters which may be disclosed by an Owner's Affidavit or Declaration. A form of the Owner's Affidavit/Declaration is attached to this Preliminary Report/Commitment. This Affidavit/Declaration is to be completed by the record owner of the land and submitted for review prior to the closing of this transaction. Your prompt attention to this requirement will help avoid delays in the closing of this transaction. Thank you.

The Company reserves the right to add additional items or make further requirements after review of the requested Affidavit/Declaration.

END OF REQUIREMENTS

INFORMATIONAL NOTES SECTION

=clause=

1. None of the items shown in this report will cause the Company to decline to attach ALTA Endorsement Form 9 to an Extended Coverage Loan Policy, when issued.
2. The Company is not aware of any matters which would cause it to decline to attach CLTA Endorsement Form 116 indicating that there is located on said Land Commercial properties, known as Vacant Lands, located within the city of Santa Clarita, California, , to an Extended Coverage Loan Policy.
3. Note: The policy of title insurance will include an arbitration provision. The Company or the insured may demand arbitration. Arbitrable matters may include, but are not limited to, any controversy or claim between the Company and the insured arising out of or relating to this policy, any service of the Company in connection with its issuance or the breach of a policy provision or other obligation. Please ask your escrow or title officer for a sample copy of the policy to be issued if you wish to review the arbitration provisions and any other provisions pertaining to your Title Insurance coverage.
4. Notice: Please be aware that due to the conflict between federal and state laws concerning the cultivation, distribution, manufacture or sale of marijuana, the Company is not able to close or insure any transaction involving Land that is associated with these activities.
5. Pursuant to Government Code Section 27388.1, as amended and effective as of 1-1-2018, a Documentary Transfer Tax (DTT) Affidavit may be required to be completed and submitted with each document when DTT is being paid or when an exemption is being claimed from paying the tax. If a governmental agency is a party to the document, the form will not be required. DTT Affidavits may be available at a Tax Assessor-County Clerk-Recorder.
6. Due to the special requirements of SB 50 (California Public Resources Code Section 8560 et seq.), any transaction that includes the conveyance of title by an agency of the United States must be approved in advance by the Company's State Counsel, Regional Counsel, or one of their designees.

END OF INFORMATIONAL NOTES

Karl Daly (LA/Comm)/jt

Wire Fraud Alert

This Notice is not intended to provide legal or professional advice. If you have any questions, please consult with a lawyer.

All parties to a real estate transaction are targets for wire fraud and many have lost hundreds of thousands of dollars because they simply relied on the wire instructions received via email, without further verification. **If funds are to be wired in conjunction with this real estate transaction, we strongly recommend verbal verification of wire instructions through a known, trusted phone number prior to sending funds.**

In addition, the following non-exclusive self-protection strategies are recommended to minimize exposure to possible wire fraud.

- **NEVER RELY** on emails purporting to change wire instructions. Parties to a transaction rarely change wire instructions in the course of a transaction.
- **ALWAYS VERIFY** wire instructions, specifically the ABA routing number and account number, by calling the party who sent the instructions to you. **DO NOT** use the phone number provided in the email containing the instructions, use phone numbers you have called before or can otherwise verify. **Obtain the phone number of relevant parties to the transaction as soon as an escrow account is opened.** **DO NOT** send an email to verify as the email address may be incorrect or the email may be intercepted by the fraudster.
- **USE COMPLEX EMAIL PASSWORDS** that employ a combination of mixed case, numbers, and symbols. Make your passwords greater than eight (8) characters. Also, change your password often and do **NOT** reuse the same password for other online accounts.
- **USE MULTI-FACTOR AUTHENTICATION** for email accounts. Your email provider or IT staff may have specific instructions on how to implement this feature.

For more information on wire-fraud scams or to report an incident, please refer to the following links:

Federal Bureau of Investigation:
<http://www.fbi.gov>

Internet Crime Complaint Center:
<http://www.ic3.gov>

FIDELITY NATIONAL FINANCIAL, INC. PRIVACY NOTICE

Fidelity National Financial, Inc. and its majority-owned subsidiary companies (collectively, “FNF,” “our,” or “we”) respect and are committed to protecting your privacy. This Privacy Notice explains how we collect, use, and protect personal information, when and to whom we disclose such information, and the choices you have about the use and disclosure of that information.

Types of Information Collected

We may collect two types of information from you: Personal Information and Browsing Information.

Personal Information. FNF may collect the following categories of Personal Information:

- contact information (e.g., name, address, phone number, email address);
- demographic information (e.g., date of birth, gender, marital status);
- identity information (e.g., Social Security Number, driver’s license, passport, or other government ID number);
- financial account information (e.g., loan or bank account information); and
- other personal information necessary to provide products or services to you.

Browsing Information. FNF may automatically collect the following types of Browsing Information when you access an FNF website, online service, or application (each an “FNF Website”) from your Internet browser, computer, and/or mobile device:

- Internet Protocol (IP) address and operating system;
- browser version, language, and type;
- domain name system requests; and
- browsing history on the FNF Website, such as date and time of your visit to the FNF Website and visits to the pages within the FNF Website

How Personal Information is Collected

We may collect Personal Information about you from:

- information we receive from you on applications or other forms;
- information about your transactions with FNF, our affiliates, or others; and
- information we receive from consumer reporting agencies and/or governmental entities, either directly from these entities or through others.

How Browsing Information is Collected

If you visit or use an FNF Website, Browsing Information may be collected during your visit. Like most websites, our servers automatically log each visitor to the FNF Website and may collect the Browsing Information described above. We use Browsing Information for system administration, troubleshooting, fraud investigation, and to improve our websites. Browsing Information generally does not reveal anything personal about you, though if you have created a user account for an FNF Website and are logged into that account, the FNF Website may be able to link certain browsing activity to your user account.

Other Online Specifics

Cookies. When you visit an FNF Website, a “cookie” may be sent to your computer. A cookie is a small piece of data that is sent to your Internet browser from a web server and stored on your computer’s hard drive. Information gathered using cookies helps us improve your user experience. For example, a cookie can help the website load properly or can customize the display page based on your browser type and user preferences. You can choose whether or not to accept cookies by changing your Internet browser settings. Be aware that doing so may impair or limit some functionality of the FNF Website.

Web Beacons. We use web beacons to determine when and how many times a page has been viewed. This information is used to improve our websites.

Do Not Track. Currently our FNF Websites do not respond to “Do Not Track” features enabled through your browser.

Links to Other Sites. FNF Websites may contain links to other websites. FNF is not responsible for the privacy practices or the content of any of those other websites. We advise you to read the privacy policy of every website you visit.

Use of Personal Information

FNF uses Personal Information for three main purposes:

- To provide products and services to you or in connection with a transaction involving you.
- To improve our products and services.
- To communicate with you about our, our affiliates’, and third parties’ products and services, jointly or independently.

When Information Is Disclosed

We may make disclosures of your Personal Information and Browsing Information in the following circumstances:

- to enable us to detect or prevent criminal activity, fraud, material misrepresentation, or nondisclosure;
- to nonaffiliated service providers who provide or perform services or functions on our behalf and who agree to use the information only to provide such services or functions;
- to nonaffiliated third party service providers with whom we perform joint marketing, pursuant to an agreement with them to jointly market financial products or services to you;
- to law enforcement or authorities in connection with an investigation, or in response to a subpoena or court order; or

- in the good-faith belief that such disclosure is necessary to comply with legal process or applicable laws, or to protect the rights, property, or safety of FNF, its customers, or the public.

The Law does not require your prior authorization and does not allow you to restrict the disclosures described above. Additionally, we may disclose your information to third parties for whom you have given us authorization or consent to make such disclosure. We do not otherwise share your Personal Information or Browsing Information with nonaffiliated third parties, except as required or permitted by law.

We reserve the right to transfer your Personal Information, Browsing Information, and any other information, in connection with the sale or other disposition of all or part of the FNF business and/or assets, or in the event of bankruptcy, reorganization, insolvency, receivership, or an assignment for the benefit of creditors. By submitting Personal Information and/or Browsing Information to FNF, you expressly agree and consent to the use and/or transfer of the foregoing information in connection with any of the above described proceedings.

Please see “**Choices With Your Information**” to learn the disclosures you can restrict.

Security of Your Information

We maintain physical, electronic, and procedural safeguards to guard your Personal Information. We limit access to nonpublic personal information about you to employees who need to know that information to do their job. When we provide Personal Information to others as discussed in this Privacy Notice, we expect that they process such information in compliance with our Privacy Notice and in compliance with applicable privacy laws.

Choices With Your Information

If you do not want FNF to share your information with our affiliates to directly market to you, you may send an “opt out” request by email, phone, or physical mail as directed at the end of this Privacy Notice. We do not share your Personal Information with nonaffiliates for their use to direct market to you.

Whether you submit Personal Information or Browsing Information to FNF is entirely up to you. If you decide not to submit Personal Information or Browsing Information, FNF may not be able to provide certain services or products to you.

For California Residents: We will not share your Personal Information and Browsing Information with nonaffiliated third parties, except as permitted by California law.

For Nevada Residents: You may be placed on our internal Do Not Call List by calling (888) 934-3354 or by contacting us via the information set forth at the end of this Privacy Notice. Nevada law requires that we also provide you with the following contact information: Bureau of Consumer Protection, Office of the Nevada Attorney General, 555 E. Washington St., Suite 3900, Las Vegas, NV 89101; Phone number: (702) 486-3132; email: BCPINFO@ag.state.nv.us.

For Oregon Residents: We will not share your Personal Information and Browsing Information with nonaffiliated third parties for marketing purposes, except after you have been informed by us of such sharing and had an opportunity to indicate that you do not want a disclosure made for marketing purposes.

For Vermont Residents: We will not share information about your creditworthiness to our affiliates and will not disclose your personal information, financial information, credit report, or health information to nonaffiliated third parties to market to you, other than as permitted by Vermont law, unless you authorize us to make those disclosures.

Information From Children

The FNF Websites are meant for adults and are not intended or designed to attract persons under the age of eighteen (18). We do not collect Personal Information from any person that we know to be under the age of thirteen (13) without permission from a parent or guardian.

International Users

FNF’s headquarters is located within the United States. If you reside outside the United States and choose to provide Personal Information or Browsing Information to us, please note that we may transfer that information outside of your country of residence for any of the purposes described in this Privacy Notice. By providing FNF with your Personal Information and/or Browsing Information, you consent to our collection, transfer, and use of such information in accordance with this Privacy Notice.

FNF Website Services for Mortgage Loans

Certain FNF companies provide services to mortgage loan servicers, including hosting websites that collect customer information on behalf of mortgage loan servicers (the “Service Websites”). The Service Websites may contain links to both this Privacy Notice and the mortgage loan servicer or lender’s privacy notice. The sections of this Privacy Notice titled When Information is Disclosed, Choices with Your Information, and Accessing and Correcting Information do not apply to the Service Websites. The mortgage loan servicer or lender’s privacy notice governs use, disclosure, and access to your Personal Information. FNF does not share Personal Information collected through the Service Websites, except (1) as required or authorized by contract with the mortgage loan servicer or lender, or (2) as required by law or in the good-faith belief that such disclosure is necessary to comply with a legal process or applicable law, to enforce this Privacy Notice, or to protect the rights, property, or safety of FNF or the public.

Your Consent To This Privacy Notice; Notice Changes

By submitting Personal Information and/or Browsing Information to FNF, you consent to the collection and use of the information in accordance with this Privacy Notice. We may change this Privacy Notice at any time. The revised Privacy Notice, showing the new revision date, will be posted on the FNF Website. Each time you provide information to us following any amendment of this Privacy Notice, your provision of information to us will signify your assent to and acceptance of the terms of the revised Privacy Notice for all previously collected information and information

collected from you in the future. We may use comments, information or feedback that you submit to us in any manner that we may choose without notice or compensation to you.

Accessing and Correcting Information; Contact Us

If you have questions, would like to access or correct your Personal Information, or want to opt-out of information sharing for affiliate marketing, send your requests via email to privacy@fnf.com, by phone to (888) 934-3354, or by mail to:

Fidelity National Financial, Inc.
601 Riverside Avenue
Jacksonville, Florida 32204
Attn: Chief Privacy Officer

Notice of Available Discounts

Pursuant to Section 2355.3 in Title 10 of the California Code of Regulations Fidelity National Financial, Inc. and its subsidiaries ("FNF") must deliver a notice of each discount available under our current rate filing along with the delivery of escrow instructions, a preliminary report or commitment. Please be aware that the provision of this notice does not constitute a waiver of the consumer's right to be charged the field rate. As such, your transaction may not qualify for the below discounts.

You are encouraged to discuss the applicability of one or more of the below discounts with a Company representative. These discounts are generally described below; consult the rate manual for a full description of the terms, conditions and requirements for each discount. These discounts only apply to transaction involving services rendered by the FNF Family of Companies. This notice only applies to transactions involving property improved with a one-to-four family residential dwelling.

FNF Underwritten Title Company

CTC - Chicago Title Company

FNF Underwriter

CTIC - Chicago Title Insurance Company

Available Discounts

CREDIT FOR PRELIMINARY REPORTS AND/OR COMMITMENTS ON SUBSEQUENT POLICIES (CTIC)

Where no major change in the title has occurred since the issuance of the original report or commitment, the order may be reopened within 12 months and all or a portion of the charge previously paid for the report or commitment may be credited on a subsequent policy charge within the following time period from the date of the report.

DISASTER LOANS (CTIC)

The charge for a lender's Policy (Standard or Extended coverage) covering the financing or refinancing by an owner of record, within 24 months of the date of a declaration of a disaster area by the government of the United States or the State of California on any land located in said area, which was partially or totally destroyed in the disaster, will be 50% of the appropriate title insurance rate.

CHURCHES OR CHARITABLE NON-PROFIT ORGANIZATIONS (CTIC)

On properties used as a church or for charitable purposes within the scope of the normal activities of such entities, provided said charge is normally the church's obligation the charge for an owner's policy shall be 50% to 70% of the appropriate title insurance rate, depending on the type of coverage selected. The charge for a lender's policy shall be 40% to 50% of the appropriate title insurance rate, depending on the type of coverage selected.

EMPLOYEE RATE (CTC and CTIC)

No charge shall be made to employees (including employees on approved retirement) of the Company or its underwritten, subsidiary title companies for policies or escrow services in connection with financing, refinancing, sale or purchase of the employees' bona fide home property. Waiver of such charges is authorized only in connection with those costs which the employee would be obligated to pay, by established custom, as a party to the transaction.

ATTACHMENT ONE

**CALIFORNIA LAND TITLE ASSOCIATION
STANDARD COVERAGE POLICY – 1990**

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building or zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien, or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
- (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
 - (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
 - (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
 - (c) resulting in no loss or damage to the insured claimant;
 - (d) attaching or created subsequent to Date of Policy; or
 - (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable doing business laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate of interest insured by this policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

EXCEPTIONS FROM COVERAGE - SCHEDULE B, PART I

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the public records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.

**CLTA HOMEOWNER'S POLICY OF TITLE INSURANCE (12-02-13)
ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE**

EXCLUSIONS

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning:
 - a. building;
 - b. zoning;
 - c. land use;
 - d. improvements on the Land;
 - e. land division; and
 - f. environmental protection.This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.
3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.
4. Risks:
 - a. that are created, allowed, or agreed to by You, whether or not they are recorded in the Public Records;
 - b. that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the Policy Date;

- c. that result in no loss to You; or
- d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.
- 5. Failure to pay value for Your Title.
- 6. Lack of a right:
 - a. to any land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
 - b. in streets, alleys, or waterways that touch the Land.
 This Exclusion does not limit the coverage described in Covered Risk 11 or 21.
- 7. The transfer of the Title to You is invalid as a preferential transfer or as a fraudulent transfer or conveyance under federal bankruptcy, state insolvency, or similar creditors' rights laws.
- 8. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
- 9. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.

LIMITATIONS ON COVERED RISKS

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows:

- For Covered Risk 16, 18, 19, and 21 Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

	Your Deductible Amount	Our Maximum Dollar Limit of Liability
Covered Risk 16:	1.00% % of Policy Amount Shown in Schedule A or \$2,500.00 (whichever is less)	\$ 10,000.00
Covered Risk 18:	1.00% % of Policy Amount Shown in Schedule A or \$5,000.00 (whichever is less)	\$ 25,000.00
Covered Risk 19:	1.00% of Policy Amount Shown in Schedule A or \$5,000.00 (whichever is less)	\$ 25,000.00
Covered Risk 21:	1.00% of Policy Amount Shown in Schedule A or \$2,500.00 (whichever is less)	\$ 5,000.00

2006 ALTA LOAN POLICY (06-17-06)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
 - (i) the occupancy, use, or enjoyment of the Land;
 - (ii) the character, dimensions, or location of any improvement erected on the Land;
 - (iii) the subdivision of land; or
 - (iv) environmental protection;
 or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
- (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
 - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
 - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
 - (c) resulting in no loss or damage to the Insured Claimant;
 - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13 or 14); or
 - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
 - (a) a fraudulent conveyance or fraudulent transfer, or
 - (b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

(Except as provided in Schedule B - Part II, (t(or)T)his policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of:

(PART I

(The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the Public Records.

PART II

In addition to the matters set forth in Part I of this Schedule, the Title is subject to the following matters, and the Company insures against loss or damage sustained in the event that they are not subordinate to the lien of the Insured Mortgage:)

2006 ALTA OWNER'S POLICY (06-17-06)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
 - (i) the occupancy, use, or enjoyment of the Land;
 - (ii) the character, dimensions, or location of any improvement erected on the Land;
 - (iii) the subdivision of land; or
 - (iv) environmental protection;or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
- (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
 - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
 - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
 - (c) resulting in no loss or damage to the Insured Claimant;
 - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 and 10); or
 - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
 - (a) a fraudulent conveyance or fraudulent transfer; or
 - (b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of:

(The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

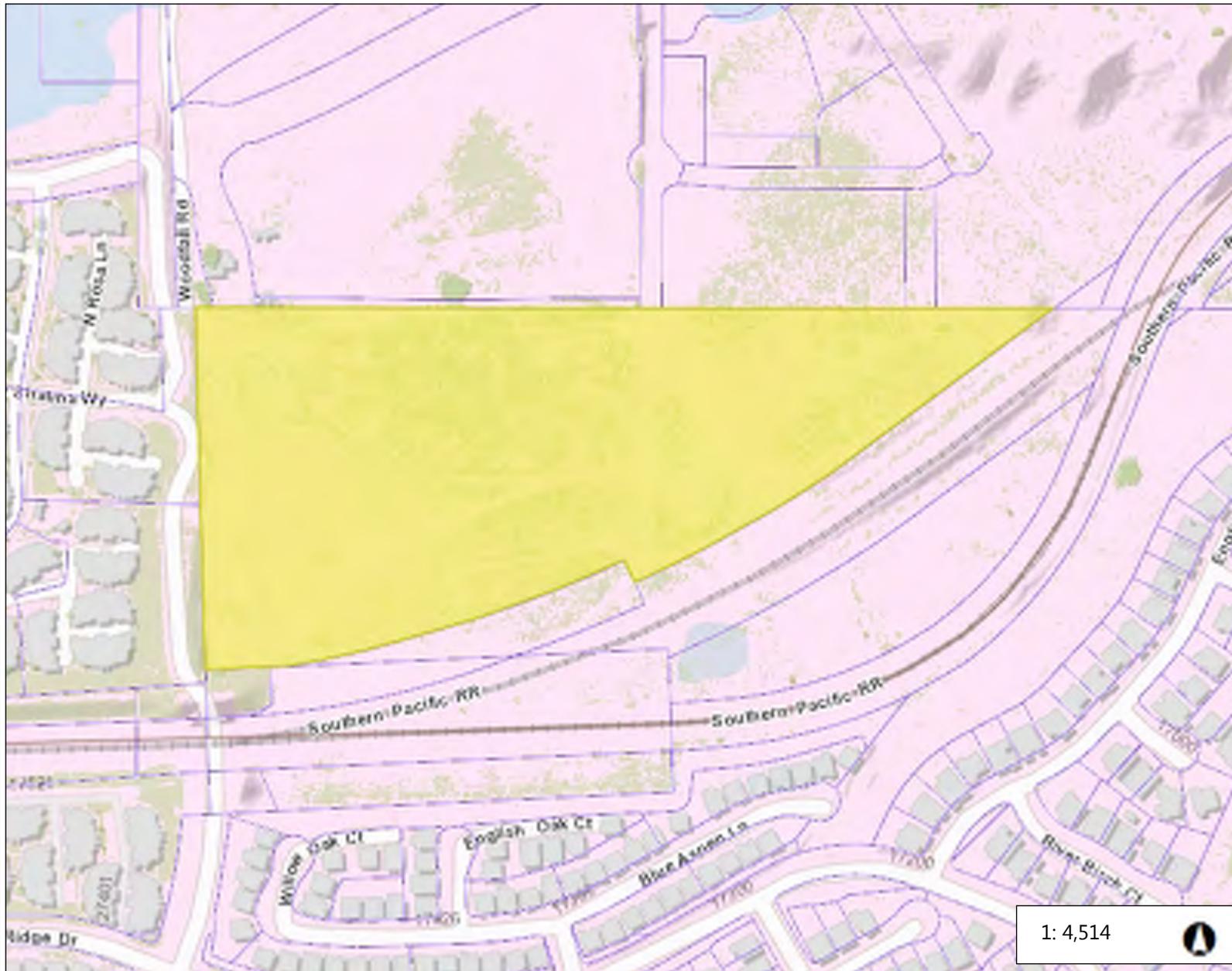
1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown in the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and that are not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the Public Records.
7. (Variable exceptions such as taxes, easements, CC&R's, etc. shown here.)

ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (12-02-13)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
 - (i) the occupancy, use, or enjoyment of the Land;
 - (ii) the character, dimensions, or location of any improvement erected on the Land;
 - (iii) the subdivision of land; or
 - (iv) environmental protection;or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
- (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
 - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
 - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
 - (c) resulting in no loss or damage to the Insured Claimant;
 - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
 - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury, or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.
9. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
 - (a) a fraudulent conveyance or fraudulent transfer, or
 - (b) a preferential transfer for any reason not stated in Covered Risk 27(b) of this policy.
10. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
11. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.

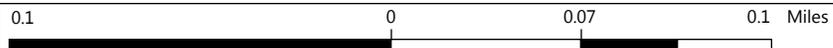


Legend

 Parcels

Notes

2840-004-009



SANTA CLARITA, CALIFORNIA

Appendix D Environmental Agency Database Search Report
September 21, 2020

**Appendix D ENVIRONMENTAL AGENCY DATABASE SEARCH
REPORT**



Not Reported

Not Reported

Canyon Country, CA 91387

Inquiry Number: 5648020.2s

May 10, 2019

The EDR Radius Map™ Report with GeoCheck®



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

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

NOT REPORTED
CANYON COUNTRY, CA 91387

COORDINATES

Latitude (North): 34.4120480 - 34° 24' 43.37"
Longitude (West): 118.4385350 - 118° 26' 18.72"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 367791.2
UTM Y (Meters): 3808587.0
Elevation: 1490 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5636825 MINT CANYON, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140515, 20140514
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 NOT REPORTED
 CANYON COUNTRY, CA 91387

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	CANYON PARK HOG RANC	27400 WOODFALL RD	WMUDS/SWAT	Higher	137, 0.026, SW
2	HOG RANCH	27330 WOODFALL	CPS-SLIC	Higher	2286, 0.433, SSW
3	CANYON COUNTRY GAS S	18003 SOLEDAD CANYON	CPS-SLIC, CERS	Lower	2485, 0.471, WNW
4	FAIR OAKS RANCH ELEM	LOST CANYON ROAD	ENVIROSTOR, SCH	Higher	3759, 0.712, SW
5	SOLEDAD CLEANERS	18344 1/2 SOLEDAD CA	ENVIROSTOR, LA Co. Site Mitigation	Lower	3913, 0.741, WNW
6	GOLDEN VALLEY RANCH	EAST OF 14 FREEWAY/N	ENVIROSTOR, SCH	Higher	5031, 0.953, NNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site list

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

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

EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

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

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

State and tribal leaking storage tank lists

LUST..... Geotracker's Leaking Underground Fuel Tank Report

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

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

UST..... Active UST Facilities

AST..... Aboveground Petroleum Storage Tank Facilities

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

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

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

ODI..... Open Dump Inventory

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

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

AOCONCERN..... Key Areas of Concerns in Los Angeles County

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

EXECUTIVE SUMMARY

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

Local Lists of Registered Storage Tanks

SWEEPS UST.....	SWEEPS UST Listing
HIST UST.....	Hazardous Substance Storage Container Database
CA FID UST.....	Facility Inventory Database
CERS TANKS.....	California Environmental Reporting System (CERS) Tanks

Local Land Records

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

Records of Emergency Release Reports

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

Other Ascertainable Records

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

EXECUTIVE SUMMARY

DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
EML.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HAZNET.....	Facility and Manifest Data
ICE.....	ICE
HIST CORTESE.....	Hazardous Waste & Substance Site List
LOS ANGELES CO. HMS.....	HMS: Street Number List
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
Notify 65.....	Proposition 65 Records
LA Co. Site Mitigation.....	Site Mitigation List
UIC.....	UIC Listing
UIC GEO.....	UIC GEO (GEOTRACKER)
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
PROJECT.....	PROJECT (GEOTRACKER)
WDR.....	Waste Discharge Requirements Listing
CIWQS.....	California Integrated Water Quality System
CERS.....	CERS
NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
WIP.....	Well Investigation Program Case List
OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EXECUTIVE SUMMARY

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database 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 01/28/2019 has revealed that there are 3 ENVIROSTOR 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>
<i>FAIR OAKS RANCH ELEM</i> Facility Id: 19010028 Status: No Action Required	<i>LOST CANYON ROAD</i>	<i>SW 1/2 - 1 (0.712 mi.)</i>	<i>4</i>	<i>11</i>
<i>GOLDEN VALLEY RANCH</i> Facility Id: 19880084 Status: No Further Action	<i>EAST OF 14 FREEWAY/N</i>	<i>NNW 1/2 - 1 (0.953 mi.)</i>	<i>6</i>	<i>15</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>SOLEDAD CLEANERS</i>	<i>18344 1/2 SOLEDAD CA</i>	<i>WNW 1/2 - 1 (0.741 mi.)</i>	<i>5</i>	<i>14</i>

EXECUTIVE SUMMARY

Facility Id: 19720041
Status: Refer: 1248 Local Agency

State and tribal leaking storage tank lists

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

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 2 CPS-SLIC 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>
HOG RANCH Database: SLIC REG 4, Date of Government Version: 11/17/2004 Facility Status: No further action required Facility Status: Post Remediation Monitoring	27330 WOODFALL	SSW 1/4 - 1/2 (0.433 mi.)	2	10

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CANYON COUNTRY GAS S Database: CPS-SLIC, Date of Government Version: 12/10/2018 Global Id: T0603719250 Facility Status: Completed - Case Closed	18003 SOLEDAD CANYON	WNW 1/4 - 1/2 (0.471 mi.)	3	10

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there is 1 WMUDS/SWAT site 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>
CANYON PARK HOG RANC	27400 WOODFALL RD	SW 0 - 1/8 (0.026 mi.)	1	9

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name

SOLEDAD CANYON PROPERTY

Database(s)

ENVIROSTOR

OVERVIEW MAP - 5648020.2S



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

Areas of Concern

Power transmission lines

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: Not Reported
 ADDRESS: Not Reported
 Canyon Country CA 91387
 LAT/LONG: 34.412048 / 118.438535

CLIENT: Stantec
 CONTACT: Alicia Jansen
 INQUIRY #: 5648020.2s
 DATE: May 10, 2019 12:21 pm

DETAIL MAP - 5648020.2S



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

-  Indian Reservations BIA
-  100-year flood zone
-  500-year flood zone
-  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: Not Reported ADDRESS: Not Reported Canyon Country CA 91387 LAT/LONG: 34.412048 / 118.438535	CLIENT: Stantec CONTACT: Alicia Jansen INQUIRY #: 5648020.2s DATE: May 10, 2019 12:24 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	1.000		0	0	0	0	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	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	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL RESPONSE</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS ENVIROSTOR</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	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	2	NR	NR	2
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		1	0	0	NR	NR	1
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
AOCONCERN	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	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
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
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	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
LOS ANGELES CO. HMS	TP		NR	NR	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
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
LA Co. Site Mitigation	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

- Totals --		0	1	0	2	3	0	6
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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>
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

1
SW
 < 1/8
 0.026 mi.
 137 ft.

CANYON PARK HOG RANCH
27400 WOODFALL RD
LOS ANGELES CA, CA 91351

WMUDS/SWAT **S104310340**
 N/A

Relative:
Higher
Actual:
1495 ft.

WMUDS/SWAT:
 Edit Date: Not reported
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who 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.
 Primary Waste: CNSOIL
 Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Base Meridian: Not reported
 NPID: Not reported
 Tonnage: 0
 Regional Board ID: Not reported
 Municipal Solid Waste: False
 Superorder: False
 Open To Public: False
 Waste List: False
 Agency Type: Private
 Agency Name: PARDEE CONSTRUCTION COMPANY
 Agency Department: Not reported
 Agency Address: 10880 WILSHIRE BLVD.
 Agency City,St,Zip: LOS ANGELES CA 90024
 Agency Contact: THEODORE CULLEN
 Agency Telephone: 3104753525
 Land Owner Name: Not reported
 Land Owner Address: Not reported
 Land Owner City,St,Zip: Not reported
 Land Owner Contact: Not reported
 Land Owner Phone: Not reported
 Region: 4
 Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
 Facility Description: Not reported
 Facility Telephone: 8052989207
 SWAT Facility Name: Not reported
 Primary SIC: Not reported
 Secondary SIC: Not reported
 Comments: Not reported
 Last Facility Editors: Not reported
 Waste Discharge System: True
 Solid Waste Assessment Test Program: False
 Toxic Pits Cleanup Act Program: False
 Resource Conservation Recovery Act: False
 Department of Defence: False
 Solid Waste Assessment Test Program: Not reported
 Threat to Water Quality: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CANYON PARK HOG RANCH (Continued)

S104310340

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.

Sub Chapter 15:	True
Regional Board Project Officer:	Not reported
Number of WMUDS at Facility:	0
Section Range:	Not reported
RCRA Facility:	No
Waste Discharge Requirements:	A
Self-Monitoring Rept. Frequency:	Not reported
Waste Discharge System ID:	4B566299049
Solid Waste Information ID:	Not reported

2
SSW
 1/4-1/2
 0.433 mi.
 2286 ft.

HOG RANCH
27330 WOODFALL
CANYON COUNTRY, CA 91351

CPS-SLIC S104792035
N/A

Relative:
Higher
Actual:
1571 ft.

SLIC REG 4:

Region:	4
Facility Status:	No further action required
SLIC:	0051A
Substance:	Not reported
Staff:	PR

Region:	4
Facility Status:	Post Remediation Monitoring
SLIC:	0051B
Substance:	Not reported
Staff:	PR

3
WNW
 1/4-1/2
 0.471 mi.
 2485 ft.

CANYON COUNTRY GAS STATION
18003 SOLEDAD CANYON RD, W
CANYON COUNTRY, CA 91351

CPS-SLIC S108240982
CERS N/A

Relative:
Lower
Actual:
1455 ft.

CPS-SLIC:

Site Name:	CANYON COUNTRY GAS STATION
Region:	STATE
Facility Status:	Completed - Case Closed
Status Date:	06/24/2009
Global Id:	T0603719250
Lead Agency:	LOS ANGELES COUNTY
Lead Agency Case Number:	026872
Latitude:	34.416807
Longitude:	-118.447585
Case Type:	Cleanup Program Site
Case Worker:	RVI
Local Agency:	LOS ANGELES COUNTY
RB Case Number:	Not reported
File Location:	Not reported
Potential Media Affected:	Under Investigation
Potential Contaminants of Concern:	Gasoline

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CANYON COUNTRY GAS STATION (Continued)

S108240982

Site History: Not reported

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

CERS TANKS:

Site ID: 218697
 CERS ID: T0603719250
 Site Name: CANYON COUNTRY GAS STATION
 CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
 Entity Name: MANUEL R REGALADO - LOS ANGELES COUNTY
 Entity Title: Not reported
 Affiliation Address: 900 S. FREMONT AVE.
 Affiliation City: ALHAMBRA
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
 Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
 Entity Title: Not reported
 Affiliation Address: 320 W. 4TH ST., SUITE 200
 Affiliation City: Los Angeles
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

4
SW
1/2-1
0.712 mi.
3759 ft.

FAIR OAKS RANCH ELEMENTARY
LOST CANYON ROAD
CANYON COUNTRY, CA 91351

ENVIROSTOR **S118756518**
SCH **N/A**

Relative:
Higher
Actual:
1557 ft.

ENVIROSTOR:
 Facility ID: 19010028
 Status: No Action Required
 Status Date: 05/02/2000
 Site Code: 300819
 Site Type: School Investigation
 Site Type Detailed: School
 Acres: 10.6
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Not reported
 Supervisor: Mark Malinowski
 Division Branch: Southern California Schools & Brownfields Outreach
 Assembly: 38
 Senate: 21
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: School District

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIR OAKS RANCH ELEMENTARY (Continued)

S118756518

Latitude: 34.4036
Longitude: -118.4497
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: FAIR OAKS RANCH ELEMENTARY
Alias Type: Alternate Name
Alias Name: SULPHUR SPRINGS SD-FAIR OAKS RANCH ELEM.
Alias Type: Alternate Name
Alias Name: 300819
Alias Type: Project Code (Site Code)
Alias Name: 19010028
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 12/02/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/02/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/01/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/27/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 12/06/1999
Comments: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAIR OAKS RANCH ELEMENTARY (Continued)

S118756518

SCH:

Facility ID: 19010028
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 10.6
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 300819
Assembly: 38
Senate: 21
Special Program Status: Not reported
Status: No Action Required
Status Date: 05/02/2000
Restricted Use: NO
Funding: School District
Latitude: 34.4036
Longitude: -118.4497
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: FAIR OAKS RANCH ELEMENTARY
Alias Type: Alternate Name
Alias Name: SULPHUR SPRINGS SD-FAIR OAKS RANCH ELEM.
Alias Type: Alternate Name
Alias Name: 300819
Alias Type: Project Code (Site Code)
Alias Name: 19010028
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 12/02/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/02/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/01/2000
Comments: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FAIR OAKS RANCH ELEMENTARY (Continued)

S118756518

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Cost Recovery Closeout Memo
 Completed Date: 06/27/2000
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Cost Recovery Closeout Memo
 Completed Date: 12/06/1999
 Comments: Not reported

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

5
WNW
1/2-1
0.741 mi.
3913 ft.

SOLEDAD CLEANERS
18344 1/2 SOLEDAD CANYON ROAD
CANYON COUNTY, CA 91351

ENVIROSTOR **S106797589**
LA Co. Site Mitigation **N/A**

Relative:
Lower
Actual:
1446 ft.

ENVIROSTOR:
 Facility ID: 19720041
 Status: Refer: 1248 Local Agency
 Status Date: 12/26/2003
 Site Code: Not reported
 Site Type: Evaluation
 Site Type Detailed: Evaluation
 Acres: Not reported
 NPL: NO
 Regulatory Agencies: NONE SPECIFIED
 Lead Agency: NONE SPECIFIED
 Program Manager: Not reported
 Supervisor: Referred - Not Assigned
 Division Branch: Cleanup Cypress
 Assembly: 38
 Senate: Not reported
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not Applicable
 Latitude: 34.41637
 Longitude: -118.4530
 APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: 19720041
 Alias Type: Envirostor ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLEDAD CLEANERS (Continued)

S106797589

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

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

LA Co. Site Mitigation:

Facility ID: FA0025320
Status: Not reported
Site ID: SD0000082
Jurisdiction: State
Case ID: RO0000086
Abated: Yes
Assigned To: Kim Clark
Entered Date: 12/18/2003
Abated Date: 02/23/2005

6
NNW
1/2-1
0.953 mi.
5031 ft.

GOLDEN VALLEY RANCH SCHOOL
EAST OF 14 FREEWAY/NORTH OF PLACERITA CANYON ROAD
CANYON COUNTRY, CA 91351

ENVIROSTOR **S106665367**
SCH **N/A**

Relative:
Higher
Actual:
1498 ft.

ENVIROSTOR:

Facility ID: 19880084
Status: No Further Action
Status Date: 01/18/2006
Site Code: 304458
Site Type: School Investigation
Site Type Detailed: School
Acres: 11
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Angela Garcia
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 38
Senate: 21
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.42530
Longitude: -118.4481
APN: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN VALLEY RANCH SCHOOL (Continued)

S106665367

Past Use: RESIDENTIAL AREA
Potential COC: Lead Methane Polynuclear aromatic hydrocarbons (PAHs TPH-gas)
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL, SV
Alias Name: SULPHUR SPRINGS SD-GOLDEN VLY RANCH SCL
Alias Type: Alternate Name
Alias Name: SULPHUR SPRINGS UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304458
Alias Type: Project Code (Site Code)
Alias Name: 19880084
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/18/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/15/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 12/08/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/15/2005
Comments: Determination date was delayed because the District delayed the public hearing date. Public comment was August 5 through September 7, 2005. Public hearing was held on September 7, 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/19/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 03/18/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 10/05/2005
Comments: DTSC conditionally approved the TM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN VALLEY RANCH SCHOOL (Continued)

S106665367

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 11/30/2005
Comments: Field work is scheduled on November 28, 2005

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 12/22/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 12/22/2005
Comments: DTSC approved the SSI-TM based on the ND results of Methane.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 10/21/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/22/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/15/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/05/2005
Comments: Not reported

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

SCH:

Facility ID: 19880084
Site Type: School Investigation
Site Type Detail: School

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN VALLEY RANCH SCHOOL (Continued)

S106665367

Site Mgmt. Req.: NONE SPECIFIED
Acres: 11
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Angela Garcia
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304458
Assembly: 38
Senate: 21
Special Program Status: Not reported
Status: No Further Action
Status Date: 01/18/2006
Restricted Use: NO
Funding: School District
Latitude: 34.42530
Longitude: -118.4481
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Lead, Methane, Polynuclear aromatic hydrocarbons (PAHs, TPH-gas)
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL, SV
Alias Name: SULPHUR SPRINGS SD-GOLDEN VLY RANCH SCL
Alias Type: Alternate Name
Alias Name: SULPHUR SPRINGS UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304458
Alias Type: Project Code (Site Code)
Alias Name: 19880084
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/18/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/15/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 12/08/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/15/2005
Comments: Determination date was delayed because the District delayed the public hearing date. Public comment was August 5 through September 7,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN VALLEY RANCH SCHOOL (Continued)

S106665367

2005. Public hearing was held on September 7, 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/19/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 03/18/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 10/05/2005
Comments: DTSC conditionally approved the TM

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 11/30/2005
Comments: Field work is scheduled on November 28, 2005

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 12/22/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 12/22/2005
Comments: DTSC approved the SSI-TM based on the ND results of Methane.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 10/21/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/22/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/15/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLDEN VALLEY RANCH SCHOOL (Continued)

S106665367

Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/05/2005
Comments: Not reported

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

Count: 1 records.

ORPHAN SUMMARY

<u>City</u>	<u>EDR ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Zip</u>	<u>Database(s)</u>
SANTA CLARITA	S106665628	SOLEDAD CANYON PROPERTY	SOLEDAD CANYON & PENLON ROAD	91351	ENVIROSTOR

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: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: N/A
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 18	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: N/A
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 18	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/14/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 18

Source: EPA
Telephone: N/A
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

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

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/14/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 34

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: 800-424-9346
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/29/2019
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019	Source: EPA
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-424-9346
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 02/22/2019	Source: Department of the Navy
Date Data Arrived at EDR: 03/07/2019	Telephone: 843-820-7326
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 02/07/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 02/04/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 02/04/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 03/25/2019

Date Data Arrived at EDR: 03/26/2019

Date Made Active in Reports: 05/01/2019

Number of Days to Update: 36

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 03/26/2019

Next Scheduled EDR Contact: 07/08/2019

Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

Date of Government Version: 01/28/2019

Date Data Arrived at EDR: 01/29/2019

Date Made Active in Reports: 03/05/2019

Number of Days to Update: 35

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 04/30/2019

Next Scheduled EDR Contact: 08/12/2019

Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database 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: 01/28/2019

Date Data Arrived at EDR: 01/29/2019

Date Made Active in Reports: 03/05/2019

Number of Days to Update: 35

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 04/30/2019

Next Scheduled EDR Contact: 08/12/2019

Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an 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: 02/11/2019

Date Data Arrived at EDR: 02/12/2019

Date Made Active in Reports: 03/05/2019

Number of Days to Update: 21

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 02/12/2019

Next Scheduled EDR Contact: 05/27/2019

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 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: Leaking Underground Fuel Tank Report (GEOTRACKER)

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

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

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001	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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 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	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	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	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	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	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

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

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/19/2019	Source: EPA Region 7
Date Data Arrived at EDR: 03/07/2019	Telephone: 913-551-7003
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/16/2018	Source: EPA Region 8
Date Data Arrived at EDR: 03/07/2019	Telephone: 303-312-6271
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/08/2019	Telephone: 415-972-3372
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 54	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

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

Date of Government Version: 10/17/2018	Source: EPA Region 10
Date Data Arrived at EDR: 03/07/2019	Telephone: 206-553-2857
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

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

Date of Government Version: 10/12/2018	Source: EPA, Region 5
Date Data Arrived at EDR: 03/07/2019	Telephone: 312-886-7439
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

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

Date of Government Version: 09/24/2018	Source: EPA Region 4
Date Data Arrived at EDR: 03/12/2019	Telephone: 404-562-8677
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

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

Date of Government Version: 11/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 03/07/2019	Telephone: 214-665-6597
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

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

Date of Government Version: 10/13/2018	Source: EPA Region 1
Date Data Arrived at EDR: 03/07/2019	Telephone: 617-918-1313
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

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

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

SLIC REG 1: Active Toxic Site Investigations

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

Date of Government Version: 04/03/2003	Source: California Regional Water Quality Control Board, North Coast Region (1)
Date Data Arrived at EDR: 04/07/2003	Telephone: 707-576-2220
Date Made Active in Reports: 04/25/2003	Last EDR Contact: 08/01/2011
Number of Days to Update: 18	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 09/30/2004	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

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

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

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

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

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

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

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

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

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

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

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

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

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

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

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

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

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

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

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

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

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

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

Date of Government Version: 03/11/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/13/2019	Telephone: 916-327-7844
Date Made Active in Reports: 04/03/2019	Last EDR Contact: 03/13/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 06/24/2019
	Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

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

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 03/18/2019
Number of Days to Update: 69	Next Scheduled EDR Contact: 07/01/2019
	Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/24/2018	Source: EPA Region 4
Date Data Arrived at EDR: 03/12/2019	Telephone: 404-562-9424
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/12/2018	Source: EPA Region 5
Date Data Arrived at EDR: 03/07/2019	Telephone: 312-886-6136
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/17/2018	Source: EPA Region 10
Date Data Arrived at EDR: 03/07/2019	Telephone: 206-553-2857
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/07/2018	Source: EPA Region 7
Date Data Arrived at EDR: 03/07/2019	Telephone: 913-551-7003
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/16/2018	Source: EPA Region 8
Date Data Arrived at EDR: 03/07/2019	Telephone: 303-312-6137
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/10/2018	Source: EPA Region 9
Date Data Arrived at EDR: 03/08/2019	Telephone: 415-972-3368
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 54	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/03/2018	Source: EPA, Region 1
Date Data Arrived at EDR: 03/07/2019	Telephone: 617-918-1313
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 03/07/2019	Telephone: 214-665-7591
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/25/2019
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 01/28/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/29/2019	Telephone: 916-323-3400
Date Made Active in Reports: 03/05/2019	Last EDR Contact: 04/30/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/12/2019
	Data Release Frequency: Quarterly

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: 03/25/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/26/2019	Telephone: 916-323-7905
Date Made Active in Reports: 04/29/2019	Last EDR Contact: 03/26/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 12/17/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/18/2018	Telephone: 202-566-2777
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 03/19/2019
Number of Days to Update: 24	Next Scheduled EDR Contact: 07/01/2019
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

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

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 04/25/2019
Number of Days to Update: 30	Next Scheduled EDR Contact: 08/12/2019
	Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/11/2019	Source: Department of Conservation
Date Data Arrived at EDR: 03/13/2019	Telephone: 916-323-3836
Date Made Active in Reports: 04/30/2019	Last EDR Contact: 03/13/2019
Number of Days to Update: 48	Next Scheduled EDR Contact: 06/24/2019
	Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 03/26/2019	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 03/27/2019	Telephone: 916-341-6422
Date Made Active in Reports: 04/30/2019	Last EDR Contact: 05/09/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: Varies

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 04/26/2019
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/12/2019
	Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 04/22/2019
Number of Days to Update: 137	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014	Source: Department of Health & Human Services, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 04/23/2019
Number of Days to Update: 176	Next Scheduled EDR Contact: 08/12/2019
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 02/24/2019	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 02/26/2019	Telephone: 202-307-1000
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 02/21/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

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

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

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

Date of Government Version: 01/28/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/29/2019	Telephone: 916-323-3400
Date Made Active in Reports: 03/05/2019	Last EDR Contact: 04/30/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/12/2019
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/12/2018	Telephone: 916-255-6504
Date Made Active in Reports: 08/06/2018	Last EDR Contact: 05/02/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

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: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

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

Date of Government Version: 02/21/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 04/15/2019
Number of Days to Update: 52

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/11/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

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

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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/04/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
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

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 09/11/2018	Source: San Francisco County Department of Public Health
Date Data Arrived at EDR: 09/12/2018	Telephone: 415-252-3896
Date Made Active in Reports: 10/11/2018	Last EDR Contact: 05/02/2019
Number of Days to Update: 29	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks

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

Date of Government Version: 04/09/2019	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 04/11/2019	Telephone: 916-323-2514
Date Made Active in Reports: 05/08/2019	Last EDR Contact: 04/11/2019
Number of Days to Update: 27	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

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

Date of Government Version: 10/31/1994	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: 02/28/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/01/2019	Telephone: 916-323-3400
Date Made Active in Reports: 04/02/2019	Last EDR Contact: 02/27/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 03/11/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/14/2019	Telephone: 202-564-6023
Date Made Active in Reports: 03/21/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 7	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEED: Deed Restriction Listing

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

Date of Government Version: 03/04/2019	Source: DTSC and SWRCB
Date Data Arrived at EDR: 03/05/2019	Telephone: 916-323-3400
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 03/05/2019
Number of Days to Update: 27	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 02/08/2019	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 02/08/2019	Telephone: 202-366-4555
Date Made Active in Reports: 03/21/2019	Last EDR Contact: 03/26/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 10/24/2018	Source: Office of Emergency Services
Date Data Arrived at EDR: 01/24/2019	Telephone: 916-845-8400
Date Made Active in Reports: 03/05/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 40	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

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

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

MCS: Military Cleanup Sites Listing (GEOTRACKER)

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS 90: SPILLS90 data from FirstSearch

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

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

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

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 04/03/2019
Number of Days to Update: 97	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/12/2019
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/12/2019
Number of Days to Update: 339	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/07/2019
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

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

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

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

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/08/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

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

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/22/2019
Next Scheduled EDR Contact: 07/01/2019
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/20/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/24/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/14/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 18

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 02/01/2019
Date Data Arrived at EDR: 02/14/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: 202-564-6023
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/14/2018	Source: EPA
Date Data Arrived at EDR: 10/11/2018	Telephone: 202-566-0500
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 04/10/2019
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 04/08/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

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

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

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

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 04/22/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 03/07/2019
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 03/05/2019
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 04/26/2019
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 01/02/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2019	Telephone: 202-343-9775
Date Made Active in Reports: 03/15/2019	Last EDR Contact: 04/02/2019
Number of Days to Update: 71	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 51

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/11/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 38

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

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

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

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

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

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

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

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/22/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/14/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

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

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

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

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

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

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

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

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

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

US MINES: Mines Master Index File

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

Date of Government Version: 11/27/2018
Date Data Arrived at EDR: 02/27/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 33

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005
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: 03/01/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

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

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

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 03/01/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 03/27/2019
Date Data Arrived at EDR: 03/28/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 34

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/21/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 02/15/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 03/15/2019
Number of Days to Update: 10

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 03/01/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 03/03/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: 202-564-2280
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/09/2019
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 02/19/2019	Source: EPA
Date Data Arrived at EDR: 02/21/2019	Telephone: 800-385-6164
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 02/21/2019
Number of Days to Update: 39	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

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

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

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

Date of Government Version: 03/25/2019	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 03/26/2019	Telephone: 916-323-3400
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 03/26/2019
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 01/23/2019	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 02/26/2019	Telephone: 925-454-2361
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 02/26/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: Varies

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 04/18/2019	Source: San Francisco County Department of Environmental Health
Date Data Arrived at EDR: 04/19/2019	Telephone: 415-252-3896
Date Made Active in Reports: 04/30/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 11	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 32

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Varies

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

Date of Government Version: 03/19/2019
Date Data Arrived at EDR: 03/22/2019
Date Made Active in Reports: 04/09/2019
Number of Days to Update: 18

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 03/22/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 12/13/2018
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 47

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/22/2019
Next Scheduled EDR Contact: 07/01/2019
Data Release Frequency: Varies

ENF: Enforcement Action Listing

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

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 11/02/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 41

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 01/10/2019
Date Data Arrived at EDR: 01/23/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 41

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/15/2019
Date Data Arrived at EDR: 02/19/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 14

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

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

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 37

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Annually

ICE: ICE

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

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 02/20/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 13

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 02/20/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

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

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

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 02/20/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 13

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/20/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 01/07/2019
Date Data Arrived at EDR: 01/08/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 56

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/09/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/10/2018	Source: Department of Conservation
Date Data Arrived at EDR: 12/12/2018	Telephone: 916-322-1080
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 12/12/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/20/2019	Source: Department of Public Health
Date Data Arrived at EDR: 03/05/2019	Telephone: 916-558-1784
Date Made Active in Reports: 04/02/2019	Last EDR Contact: 03/05/2019
Number of Days to Update: 28	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/11/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 02/12/2019	Telephone: 916-445-9379
Date Made Active in Reports: 03/07/2019	Last EDR Contact: 02/12/2019
Number of Days to Update: 23	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

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

Date of Government Version: 03/04/2019	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 03/05/2019	Telephone: 916-445-4038
Date Made Active in Reports: 04/05/2019	Last EDR Contact: 03/05/2019
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/11/2019	Source: Department of Conservation
Date Data Arrived at EDR: 03/13/2019	Telephone: 916-323-3836
Date Made Active in Reports: 04/29/2019	Last EDR Contact: 03/13/2019
Number of Days to Update: 47	Next Scheduled EDR Contact: 06/24/2019
	Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 03/18/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/19/2019	Telephone: 916-445-3846
Date Made Active in Reports: 04/29/2019	Last EDR Contact: 03/18/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 07/01/2019
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: UIC Listing

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

Date of Government Version: 04/27/2018	Source: Department of Conservation
Date Data Arrived at EDR: 06/13/2018	Telephone: 916-445-2408
Date Made Active in Reports: 07/17/2018	Last EDR Contact: 03/13/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 06/24/2019
	Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

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

WASTEWATER PITS: Oil Wastewater Pits Listing

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

Date of Government Version: 05/08/2018	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 07/11/2018	Telephone: 559-445-5577
Date Made Active in Reports: 09/13/2018	Last EDR Contact: 04/12/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 02/13/2019
Number of Days to Update: 9	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Quarterly

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

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

PROJECT: Project Sites (GEOTRACKER)

Projects sites

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

WDR: Waste Discharge Requirements Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 03/13/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

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

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

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

Date of Government Version: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

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

Non-Case Information sites

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

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

WIP: Well Investigation Program Case List

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

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 03/25/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Varies

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

Other Oil & Gas Projects sites

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

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

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

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

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

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

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

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

Date of Government Version: N/A	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

Date of Government Version: N/A	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

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

Date of Government Version: 01/09/2019	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 01/11/2019	Telephone: 510-567-6700
Date Made Active in Reports: 03/05/2019	Last EDR Contact: 04/22/2019
Number of Days to Update: 53	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/07/2019	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 01/08/2019	Telephone: 510-567-6700
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 04/08/2019
Number of Days to Update: 59	Next Scheduled EDR Contact: 04/24/2047
	Data Release Frequency: Semi-Annually

AMADOR COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA AMADOR: CUPA Facility List Cupa Facility List

Date of Government Version: 01/07/2019
Date Data Arrived at EDR: 01/08/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 58

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing Cupa facility list.

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

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 04/08/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 01/24/2019
Date Data Arrived at EDR: 01/25/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 39

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/25/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 32

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List

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

Date of Government Version: 02/14/2019
Date Data Arrived at EDR: 02/19/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 17

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 01/16/2019
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 28

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 32

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List

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

Date of Government Version: 04/10/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 19

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/29/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 33

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 01/18/2019
Date Data Arrived at EDR: 01/23/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 41

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 29

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 01/28/2019
Date Data Arrived at EDR: 02/07/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/14/2019
Date Data Arrived at EDR: 02/19/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 14

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 02/08/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/12/2019
Number of Days to Update: 28

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

LASSEN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 01/17/2019
Date Data Arrived at EDR: 01/18/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 46

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 03/18/2019
Next Scheduled EDR Contact: 07/01/2019
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 12/19/2018
Date Data Arrived at EDR: 01/10/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 56

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/14/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/16/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

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

Date of Government Version: 01/30/2019
Date Data Arrived at EDR: 02/01/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 34

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/16/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 04/15/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/29/2019
	Data Release Frequency: Semi-Annually

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 03/10/2017	Telephone: 562-570-2563
Date Made Active in Reports: 05/03/2017	Last EDR Contact: 04/22/2019
Number of Days to Update: 54	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Annually

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/02/2018	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 10/05/2018	Telephone: 310-618-2973
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 04/22/2019
Number of Days to Update: 28	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/20/2019	Source: Madera County Environmental Health
Date Data Arrived at EDR: 02/22/2019	Telephone: 559-675-7823
Date Made Active in Reports: 03/07/2019	Last EDR Contact: 02/15/2019
Number of Days to Update: 13	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 03/29/2019
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/19/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 50

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 03/18/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/21/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 34

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 02/05/2019
Date Data Arrived at EDR: 02/07/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 26

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 04/01/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 02/21/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 01/25/2019
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 35

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

ORANGE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 01/02/2019	Source: Health Care Agency
Date Data Arrived at EDR: 02/07/2019	Telephone: 714-834-3446
Date Made Active in Reports: 03/05/2019	Last EDR Contact: 05/06/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 01/02/2019	Source: Health Care Agency
Date Data Arrived at EDR: 02/08/2019	Telephone: 714-834-3446
Date Made Active in Reports: 03/06/2019	Last EDR Contact: 05/06/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 01/02/2019	Source: Health Care Agency
Date Data Arrived at EDR: 02/05/2019	Telephone: 714-834-3446
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 05/07/2019
Number of Days to Update: 31	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 02/28/2019	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 03/01/2019	Telephone: 530-745-2363
Date Made Active in Reports: 04/12/2019	Last EDR Contact: 02/27/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 01/14/2019	Source: Plumas County Environmental Health
Date Data Arrived at EDR: 01/18/2019	Telephone: 530-283-6355
Date Made Active in Reports: 03/05/2019	Last EDR Contact: 04/22/2019
Number of Days to Update: 46	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/11/2019	Source: Department of Environmental Health
Date Data Arrived at EDR: 04/12/2019	Telephone: 951-358-5055
Date Made Active in Reports: 04/30/2019	Last EDR Contact: 03/18/2019
Number of Days to Update: 18	Next Scheduled EDR Contact: 07/01/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 01/29/2019
Date Data Arrived at EDR: 01/31/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 36

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/18/2019
Next Scheduled EDR Contact: 07/01/2019
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2018
Date Data Arrived at EDR: 01/04/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 60

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/02/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

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

Date of Government Version: 11/07/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 67

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/02/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 48

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

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

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 33

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMMD SAN DIEGO: Hazardous Materials Management Division Database

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

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 03/06/2019
Date Data Arrived at EDR: 03/06/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 54

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

SAN DIEGO CO. SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/05/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 38

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/18/2019
Next Scheduled EDR Contact: 07/01/2019
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List Cupa Facility List.

Date of Government Version: 02/13/2019
Date Data Arrived at EDR: 02/15/2019
Date Made Active in Reports: 03/14/2019
Number of Days to Update: 27

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory

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

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/13/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 12/13/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/23/2019
Number of Days to Update: 36

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/25/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

SANTA CLARA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA SANTA CLARA: Cupa Facility List Cupa facility list

Date of Government Version: 02/13/2019
Date Data Arrived at EDR: 02/19/2019
Date Made Active in Reports: 03/06/2019
Number of Days to Update: 15

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Annually

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 01/30/2019
Date Data Arrived at EDR: 02/01/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 34

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

SOLANO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST SOLANO: Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 53

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 27

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List

Cupa Facility list

Date of Government Version: 03/18/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/25/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 19

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 04/08/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List

Cupa facility list

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 33

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 33

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA TEHAMA: CUPA Facility List Cupa facilities

Date of Government Version: 12/13/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 28

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List Cupa facility list

Date of Government Version: 01/18/2019
Date Data Arrived at EDR: 01/23/2019
Date Made Active in Reports: 03/06/2019
Number of Days to Update: 42

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 12/26/2018
Date Data Arrived at EDR: 12/27/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 19

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

VENTURA COUNTY:

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

Date of Government Version: 12/26/2018
Date Data Arrived at EDR: 01/24/2019
Date Made Active in Reports: 02/28/2019
Number of Days to Update: 35

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/29/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Annually

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Quarterly

MED WASTE VENTURA: Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 12/26/2018
Date Data Arrived at EDR: 01/24/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 42

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List

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

Date of Government Version: 02/26/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 21

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/13/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 12/26/2018
Date Data Arrived at EDR: 01/03/2019
Date Made Active in Reports: 01/16/2019
Number of Days to Update: 13

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/29/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 02/08/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/06/2019
Number of Days to Update: 22

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/11/2019	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 02/12/2019	Telephone: 860-424-3375
Date Made Active in Reports: 03/04/2019	Last EDR Contact: 02/12/2019
Number of Days to Update: 20	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/13/2018	Telephone: N/A
Date Made Active in Reports: 08/01/2018	Last EDR Contact: 04/10/2019
Number of Days to Update: 19	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 01/30/2019	Telephone: 518-402-8651
Date Made Active in Reports: 02/14/2019	Last EDR Contact: 05/01/2019
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/12/2019
	Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/23/2018	Telephone: 717-783-8990
Date Made Active in Reports: 11/27/2018	Last EDR Contact: 04/15/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/29/2019
	Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017	Source: Department of Environmental Management
Date Data Arrived at EDR: 02/23/2018	Telephone: 401-222-2797
Date Made Active in Reports: 04/09/2018	Last EDR Contact: 02/19/2019
Number of Days to Update: 45	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/15/2018	Telephone: N/A
Date Made Active in Reports: 07/09/2018	Last EDR Contact: 03/11/2019
Number of Days to Update: 24	Next Scheduled EDR Contact: 06/24/2019
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Oil/Gas Pipelines

Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

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

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife
Telephone: 916-445-0411

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

NOT REPORTED
NOT REPORTED
CANYON COUNTRY, CA 91387

TARGET PROPERTY COORDINATES

Latitude (North):	34.412048 - 34° 24' 43.37"
Longitude (West):	118.438535 - 118° 26' 18.73"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	367791.2
UTM Y (Meters):	3808587.0
Elevation:	1490 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5636825 MINT CANYON, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

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

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

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

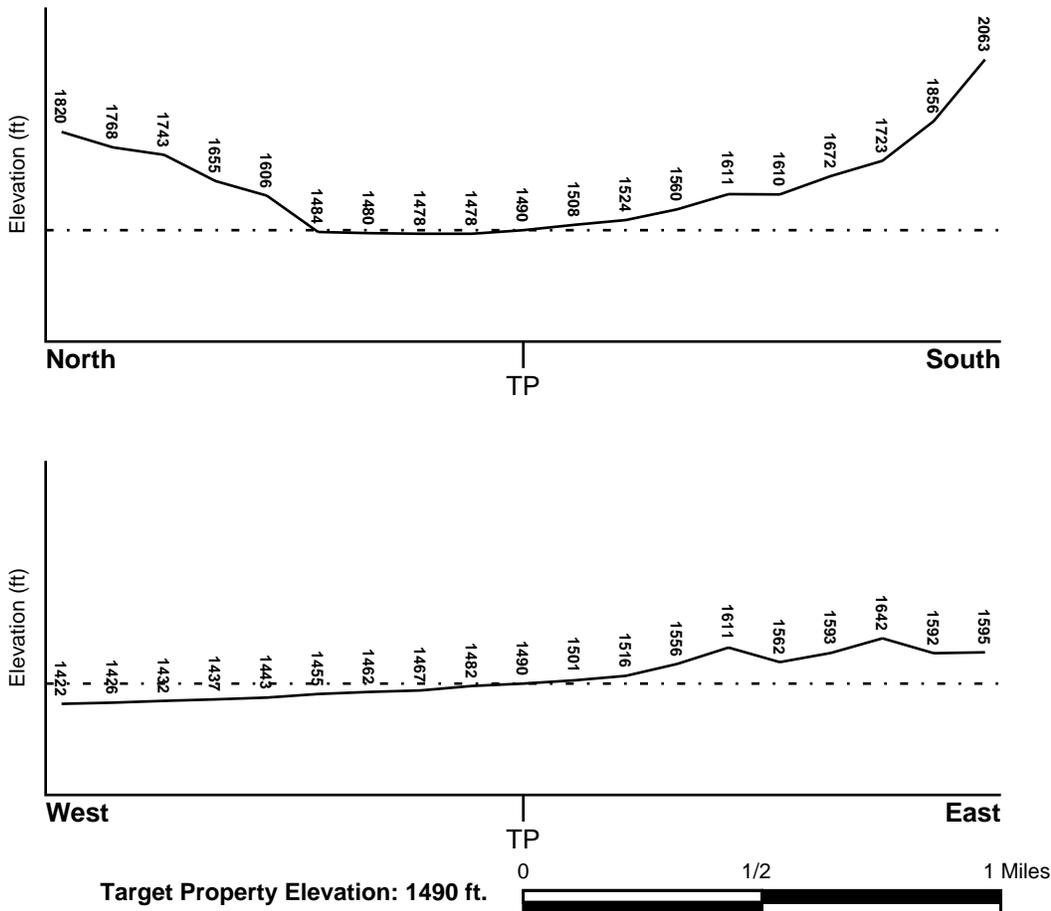
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General 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

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06037C0840F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06037C0845F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

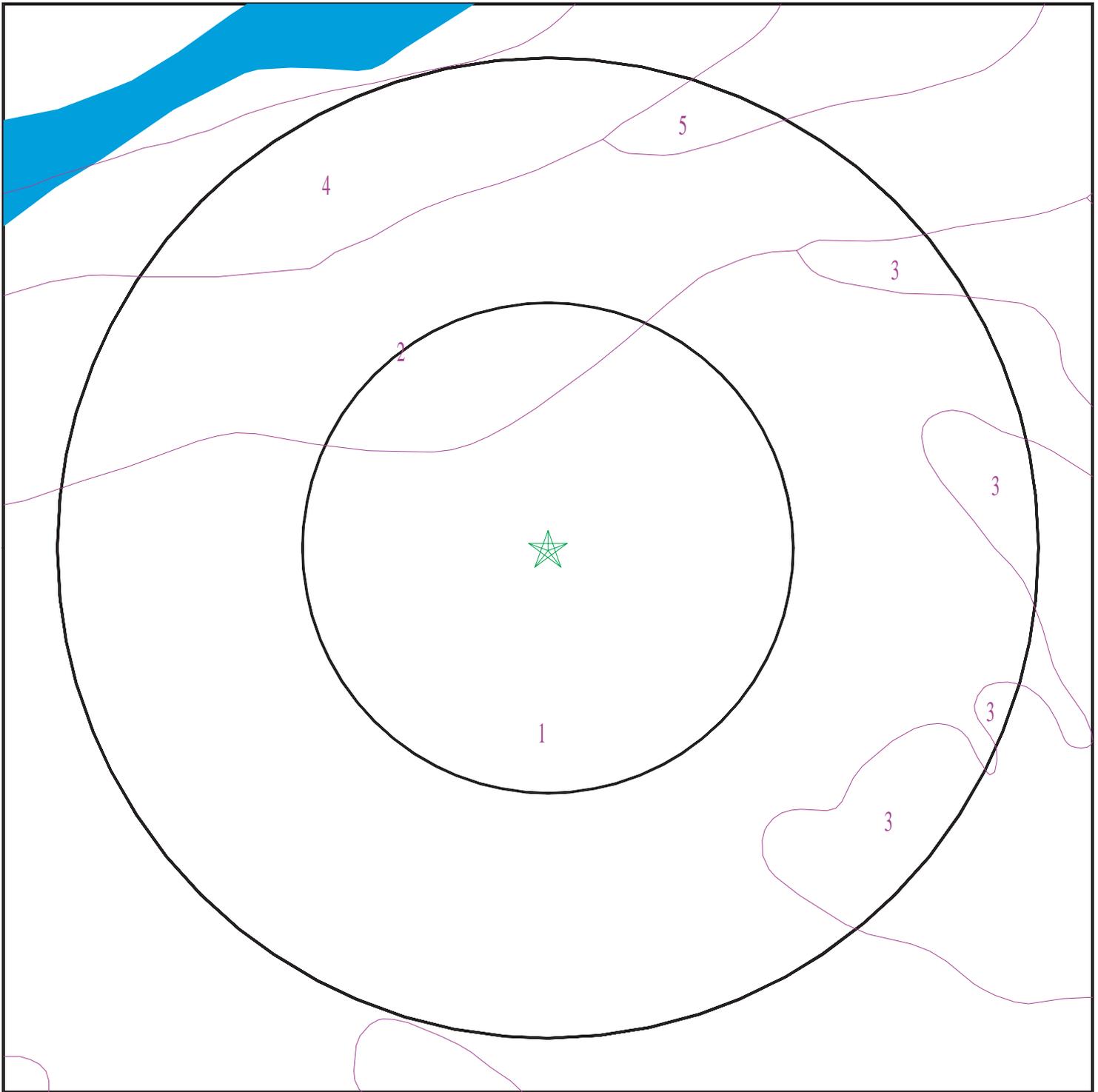
Era: Cenozoic
System: Tertiary
Series: Miocene
Code: Tmc (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Continental Deposits

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 - 5648020.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Not Reported
ADDRESS: Not Reported
Canyon Country CA 91387
LAT/LONG: 34.412048 / 118.438535

CLIENT: Stantec
CONTACT: Alicia Jansen
INQUIRY #: 5648020.2s
DATE: May 10, 2019 12:25 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: Yolo

Soil Surface Texture: 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: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	18 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	18 inches	72 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6

Soil Map ID: 2

Soil Component Name: Cortina

Soil Surface Texture: 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: Excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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	11 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 141 Min: 42	Max: 7.8 Min: 6.6
2	11 inches	27 inches	very gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 141 Min: 42	Max: 7.8 Min: 6.6
3	27 inches	59 inches	very cobbly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 141 Min: 42	Max: 7.8 Min: 6.6

Soil Map ID: 3

Soil Component Name: Saugus

Soil Surface Texture: 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: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0 Min: 0	Max: Min:
2	14 inches	42 inches	loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0 Min: 0	Max: Min:
3	42 inches	46 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0 Min: 0	Max: Min:

Soil Map ID: 4

Soil Component Name: Riverwash

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.1
2	5 inches	59 inches	stratified coarse sand to sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.1

Soil Map ID: 5

Soil Component Name: Sandy alluvial land

Soil Surface Texture: sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 25 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
2	9 inches	29 inches	stratified sand to loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
3	29 inches	59 inches	stratified gravelly sand to gravelly loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6

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>
No Wells Found		

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

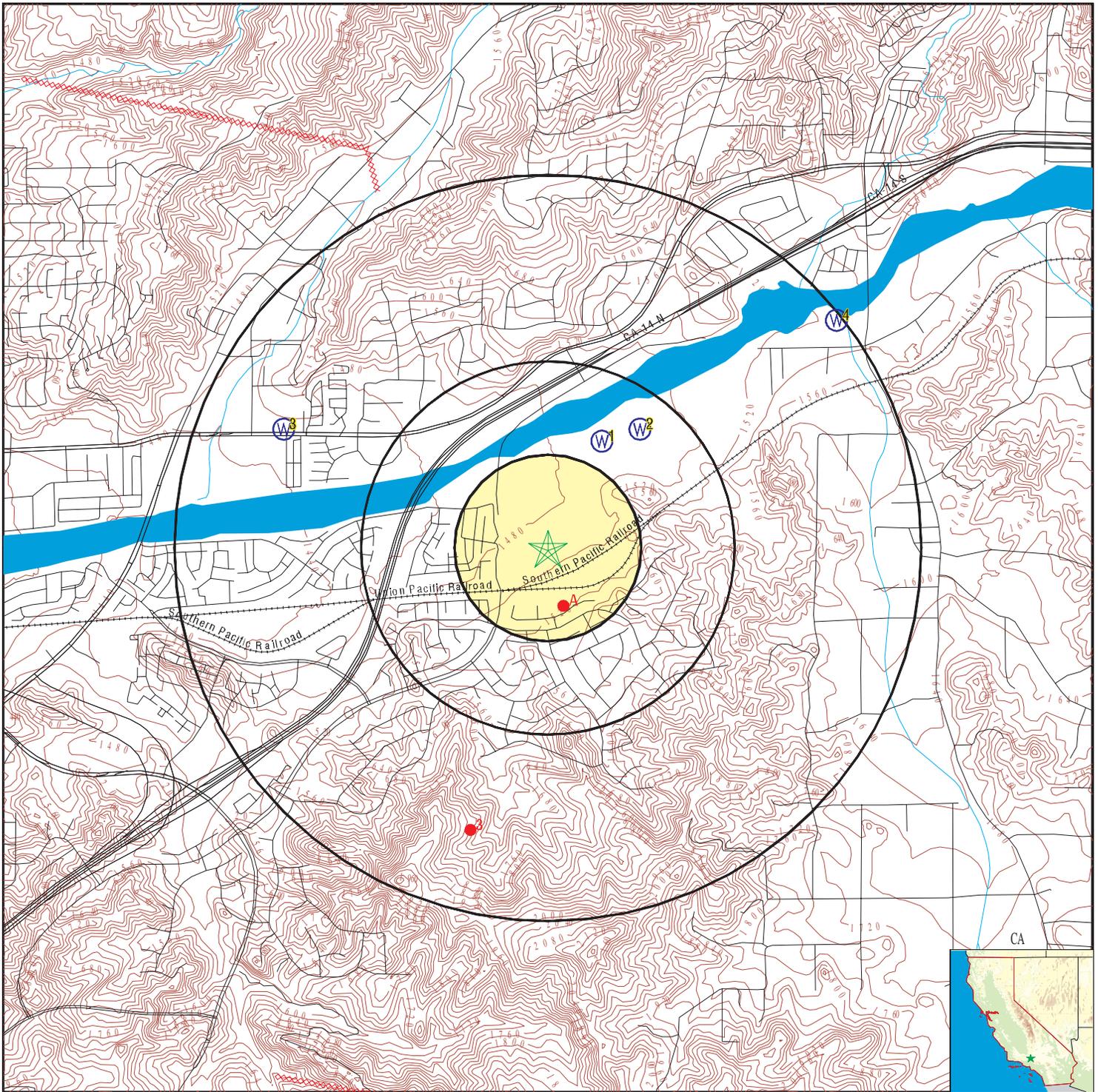
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CADWR8000008543	1/4 - 1/2 Mile NNE
2	4513	1/4 - 1/2 Mile NE
3	4509	1/2 - 1 Mile WNW
4	CADWR8000008594	1/2 - 1 Mile NE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	CAOG13000000215	1/8 - 1/4 Mile SSE
A1	CAOG13000014034	1/8 - 1/4 Mile SSE
3	CAOG13000013984	1/2 - 1 Mile SSW

PHYSICAL SETTING SOURCE MAP - 5648020.2s



- 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: Not Reported
 ADDRESS: Not Reported
 Canyon Country CA 91387
 LAT/LONG: 34.412048 / 118.438535

CLIENT: Stantec
 CONTACT: Alicia Jansen
 INQUIRY #: 5648020.2s
 DATE: May 10, 2019 12:25 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1

NNE
1/4 - 1/2 Mile
Lower

CA WELLS CADWR8000008543

State Well #:	04N15W22J001S	Station ID:	49737
Well Name:	7168C	Well Use:	Unknown
Well Type:	Single Well	Well Depth:	262
Basin Name:	Santa Clara River Valley East		
Well Completion Rpt #:	Not Reported		

2

NE
1/4 - 1/2 Mile
Higher

CA WELLS 4513

Seq:	4513	Prim sta c:	04N/15W-22J01 S
Frds no:	1910017012	County:	19
District:	07	User id:	4TH
System no:	1910017	Water type:	G
Source nam:	MITCHELL	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	342500.0	Longitude:	1182600.0
Precision:	8	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910017	System nam:	SANTA CLARITA WATER CO.
Hqname:	Not Reported	Address:	P.O. BOX 903
City:	SANTA CLARITA	State:	CA
Zip:	91380	Zip ext:	Not Reported
Pop serv:	49500	Connection:	19503
Area serve:	SAUGUS		

Sample date:	07-FEB-18	Finding:	3.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	07-FEB-18	Finding:	1600.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		

Sample date:	01-NOV-17	Finding:	1500.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		

Sample date:	02-AUG-17	Finding:	1300.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		

Sample date:	18-MAY-17	Finding:	350.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		

Sample date:	18-MAY-17	Finding:	4.2
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	18-MAY-17	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	18-MAY-17	Finding:	0.28
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	18-MAY-17	Finding:	1.1
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	18-MAY-17	Finding:	630.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	18-MAY-17	Finding:	0.45
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	18-MAY-17	Finding:	98.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	18-MAY-17	Finding:	88.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	18-MAY-17	Finding:	3.5
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	18-MAY-17	Finding:	100.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	18-MAY-17	Finding:	18.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	18-MAY-17	Finding:	77.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	18-MAY-17	Finding:	1000.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	18-MAY-17	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	18-MAY-17	Finding:	280.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	18-MAY-17	Finding:	4.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	18-MAY-17	Finding:	270.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	03-MAY-17	Finding:	1100.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	01-FEB-17	Finding:	2.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	01-FEB-17	Finding:	1600.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	03-AUG-16	Finding:	1500.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	04-MAY-16	Finding:	1500.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	03-FEB-16	Finding:	1600.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	03-FEB-16	Finding:	3.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	02-DEC-15	Finding:	6.2
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dir:	1.		
Sample date:	06-NOV-15	Finding:	1600.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	05-AUG-15	Finding:	1600.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	06-MAY-15	Finding:	1500.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	04-FEB-15	Finding:	1800.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	11-SEP-14	Finding:	4.9
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dir:	3.		
Sample date:	11-SEP-14	Finding:	0.31
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	11-SEP-14	Finding:	0.3
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	06-AUG-14	Finding:	1600.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	22-MAY-14	Finding:	350.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-14	Finding:	3100.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	22-MAY-14	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	22-MAY-14	Finding:	0.12
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	22-MAY-14	Finding:	18000.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dir:	0.		
Sample date:	22-MAY-14	Finding:	1.1
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	22-MAY-14	Finding:	780.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-14	Finding:	130.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	22-MAY-14	Finding:	0.34
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	22-MAY-14	Finding:	120.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	22-MAY-14	Finding:	120.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-14	Finding:	3.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	22-MAY-14	Finding:	1300.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	22-MAY-14	Finding:	7.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	22-MAY-14	Finding:	290.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	22-MAY-14	Finding:	380.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-14	Finding:	110.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-14	Finding:	27.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-14	Finding:	120.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-14	Finding:	4.2
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	20-FEB-14	Finding:	1730.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	22-AUG-13	Finding:	1340.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	22-AUG-13	Finding:	20.2
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	09-MAY-13	Finding:	1300.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	18-MAR-13	Finding:	1200.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	08-NOV-12	Finding:	960.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	16-AUG-12	Finding:	1000.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	24-MAY-12	Finding:	980.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	16-FEB-12	Finding:	920.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

3
WNW
1/2 - 1 Mile
Lower

CA WELLS 4509

Seq:	4509	Prim sta c:	04N/15W-21K01 S
Frds no:	1910017019	County:	19
District:	07	User id:	4TH
System no:	1910017	Water type:	G
Source nam:	SIERRA	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	342500.0	Longitude:	1182700.0
Precision:	8	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910017	System nam:	SANTA CLARITA WATER CO.
Hqname:	Not Reported	Address:	P.O. BOX 903
City:	SANTA CLARITA	State:	CA
Zip:	91380	Zip ext:	Not Reported
Pop serv:	49500	Connection:	19503
Area serve:	SAUGUS		

Sample date:	07-MAR-18	Finding:	4.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	10-JAN-18	Finding:	4.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	13-DEC-17	Finding:	4.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	01-NOV-17	Finding:	850.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		

Sample date:	01-NOV-17	Finding:	4.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	30-AUG-17	Finding:	1200.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		

Sample date:	02-AUG-17	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	12-JUL-17	Finding:	3.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	14-JUN-17	Finding:	3.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	08-JUN-17	Finding:	3.3
Chemical:	BROMOFORM (THM)	Report units:	UG/L
Dir:	1.		
Sample date:	08-JUN-17	Finding:	2.3
Chemical:	DIBROMOCHLOROMETHANE (THM)	Report units:	UG/L
Dir:	1.		
Sample date:	08-JUN-17	Finding:	5.7
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dir:	0.		
Sample date:	18-MAY-17	Finding:	89.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	18-MAY-17	Finding:	120.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	18-MAY-17	Finding:	130.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	18-MAY-17	Finding:	0.25
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	18-MAY-17	Finding:	640.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	18-MAY-17	Finding:	1.2
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	18-MAY-17	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	18-MAY-17	Finding:	2.6
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	18-MAY-17	Finding:	24.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	18-MAY-17	Finding:	78.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	18-MAY-17	Finding:	290.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	18-MAY-17	Finding:	2.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	18-MAY-17	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	18-MAY-17	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	18-MAY-17	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	18-MAY-17	Finding:	1000.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	18-MAY-17	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dir:	1.		
Sample date:	18-MAY-17	Finding:	3.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	18-MAY-17	Finding:	4.4
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	03-MAY-17	Finding:	4.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	03-MAY-17	Finding:	1000.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	12-APR-17	Finding:	4.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-MAR-17	Finding:	3.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	01-FEB-17	Finding:	970.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	01-FEB-17	Finding:	4.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	11-JAN-17	Finding:	4.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	07-DEC-16	Finding:	4.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	16-NOV-16	Finding:	4.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	02-NOV-16	Finding:	1100.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	02-NOV-16	Finding:	4.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	12-OCT-16	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	14-SEP-16	Finding:	5.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	03-AUG-16	Finding:	1200.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	01-AUG-16	Finding:	5.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	11-JUL-16	Finding:	5.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	09-JUN-16	Finding:	5.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	04-MAY-16	Finding:	4.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	04-MAY-16	Finding:	1100.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	11-APR-16	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	07-MAR-16	Finding:	5.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-FEB-16	Finding:	4.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	03-FEB-16	Finding:	1100.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	03-FEB-16	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	11-JAN-16	Finding:	2.9
Chemical:	NITRATE (AS N)	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.4		
Sample date:	07-DEC-15	Finding:	4.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	09-NOV-15	Finding:	4.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	04-NOV-15	Finding:	1100.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	12-OCT-15	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	08-SEP-15	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	10-AUG-15	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	05-AUG-15	Finding:	980.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	13-JUL-15	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	08-JUN-15	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	11-MAY-15	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	06-MAY-15	Finding:	950.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	13-APR-15	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	09-MAR-15	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	09-FEB-15	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	12-JAN-15	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	08-DEC-14	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	10-NOV-14	Finding:	380.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	10-NOV-14	Finding:	0.6
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	10-NOV-14	Finding:	5700.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	10-NOV-14	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	10-NOV-14	Finding:	2.7
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	10-NOV-14	Finding:	9900.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dir:	0.		
Sample date:	10-NOV-14	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	10-NOV-14	Finding:	1.5
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	10-NOV-14	Finding:	940.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	10-NOV-14	Finding:	0.22
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	10-NOV-14	Finding:	3.4
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dir:	3.		
Sample date:	10-NOV-14	Finding:	140.
Chemical:	IRON	Report units:	UG/L
Dir:	100.		
Sample date:	10-NOV-14	Finding:	810.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	10-NOV-14	Finding:	130.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	10-NOV-14	Finding:	0.28
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.1		
Sample date:	10-NOV-14	Finding:	210.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	10-NOV-14	Finding:	120.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	10-NOV-14	Finding:	4.9
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	10-NOV-14	Finding:	95.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	10-NOV-14	Finding:	35.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	10-NOV-14	Finding:	10.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	10-NOV-14	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dir:	1.		
Sample date:	10-NOV-14	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	10-NOV-14	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	10-NOV-14	Finding:	320.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	10-NOV-14	Finding:	490.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	10-NOV-14	Finding:	140.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	11-FEB-13	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	14-JAN-13	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	10-DEC-12	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	19-NOV-12	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	13-NOV-12	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	13-NOV-12	Finding:	660.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	08-OCT-12	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	10-SEP-12	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	16-AUG-12	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	09-JUL-12	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	11-JUN-12	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	24-MAY-12	Finding:	620.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		
Sample date:	14-MAY-12	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	16-FEB-12	Finding:	650.
Chemical:	BORON	Report units:	UG/L
Dir:	100.		

4
NE
1/2 - 1 Mile
Higher

CA WELLS CADWR8000008594

State Well #:	04N15W23F005S	Station ID:	49739
Well Name:	7178D	Well Use:	Unknown
Well Type:	Single Well	Well Depth:	127
Basin Name:	Santa Clara River Valley East		
Well Completion Rpt #:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

A2
SSE
1/8 - 1/4 Mile

OIL_GAS CAOG13000000215

API #:	0403724309	Well #:	1A
Well Status:	Plugged	Well Type:	DH
Operator Name:	Redwood Oil Co.	Lease Name:	Mitchell
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	06/23/1939

A1
SSE
1/8 - 1/4 Mile

OIL_GAS CAOG13000014034

API #:	0403705795	Well #:	1
Well Status:	Plugged	Well Type:	DH
Operator Name:	Redwood Oil Co.	Lease Name:	Mitchell
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	06/23/1939

3
SSW
1/2 - 1 Mile

OIL_GAS CAOG13000013984

API #:	0403705565	Well #:	1
Well Status:	Plugged	Well Type:	DH
Operator Name:	A. Chas Lantz	Lease Name:	Lantz
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	11/05/1948

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
91387	24	0

Federal EPA Radon Zone for LOS ANGELES 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 LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

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

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

California Earthquake Fault Lines

Source: California Division of Mines and Geology

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

RADON

State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

STREET AND ADDRESS INFORMATION

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SANTA CLARITA, CALIFORNIA

Appendix E Historical Records
September 21, 2020

Appendix E HISTORICAL RECORDS





Not Reported

Not Reported

Canyon Country, CA 91387

Inquiry Number: 5648020.8

May 13, 2019

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

05/13/19

Site Name:

Not Reported
Not Reported
Canyon Country, CA 91387
EDR Inquiry # 5648020.8

Client Name:

Stantec
735 E. Carnegie Drive, Suite 280
SAN BERNARDINO, CA 92408
Contact: Alicia Jansen



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

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Flight Date: June 07, 2002	USDA
1994	1"=500'	Acquisition Date: June 01, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: September 08, 1989	USDA
1983	1"=500'	Flight Date: November 03, 1983	EDR Proprietary Brewster Pacific
1972	1"=500'	Flight Date: October 11, 1972	EDR Proprietary Brewster Pacific
1970	1"=500'	Flight Date: April 03, 1970	EDR Proprietary Brewster Pacific
1969	1"=500'	Flight Date: July 25, 1969	USGS
1952	1"=500'	Flight Date: April 11, 1952	USDA
1947	1"=500'	Flight Date: August 16, 1947	USGS
1940	1"=500'	Flight Date: May 13, 1940	USDA
1928	1"=500'	Flight Date: January 01, 1928	FAIR

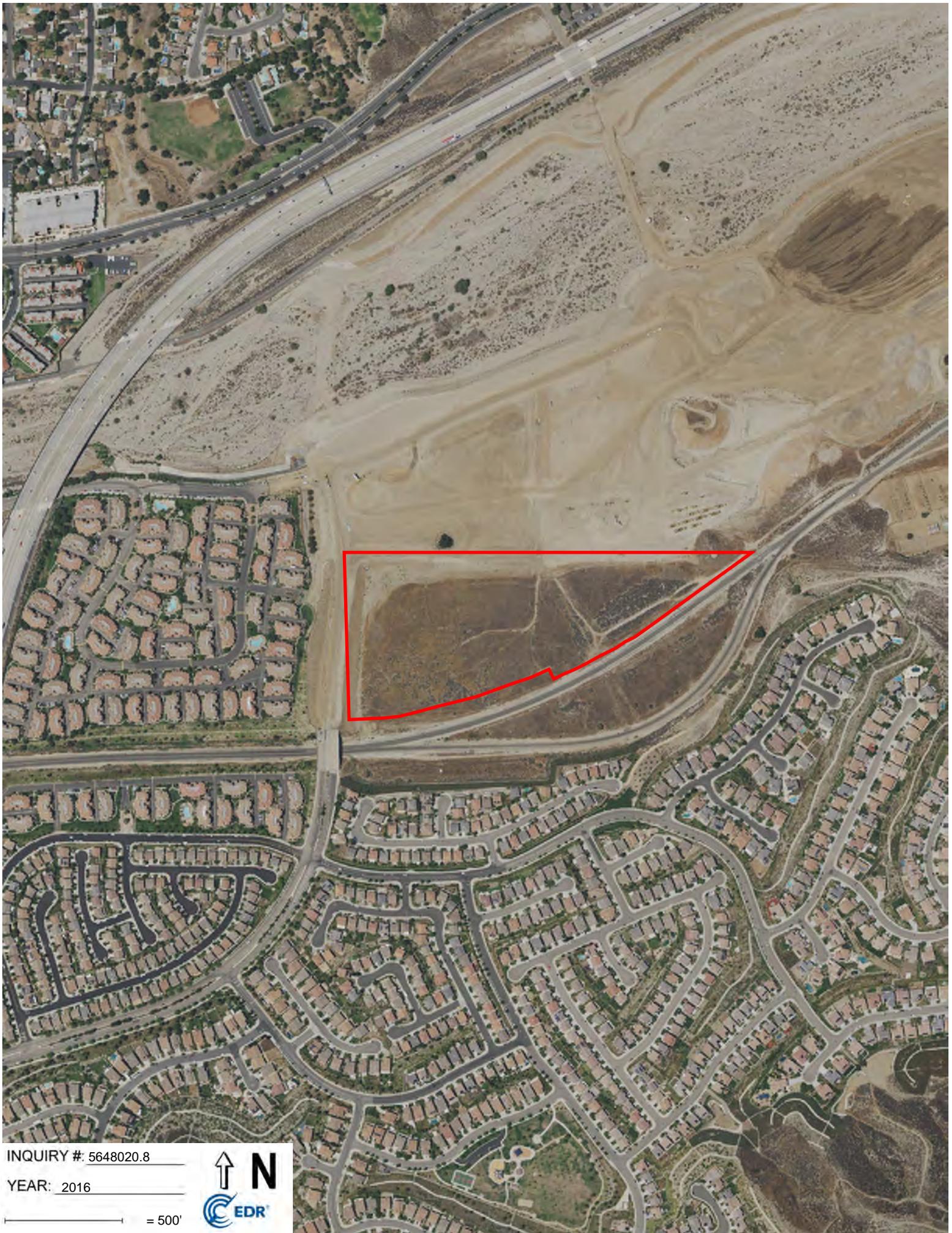
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INQUIRY #: 5648020.8

YEAR: 2016

— = 500'





INQUIRY #: 5648020.8

YEAR: 2012

— = 500'





INQUIRY #: 5648020.8

YEAR: 2009

— = 500'





INQUIRY #: 5648020.8

YEAR: 2005

— = 500'



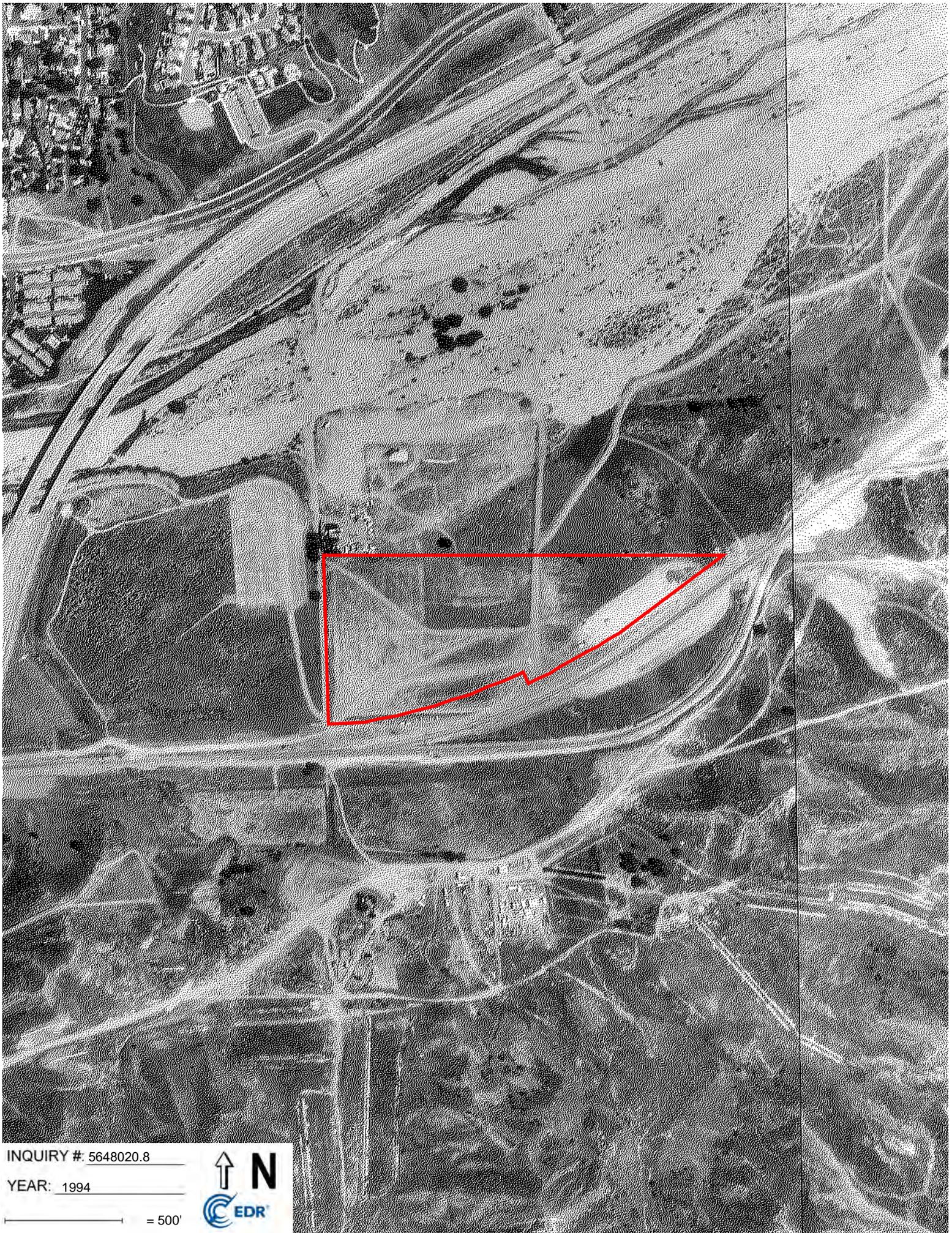


INQUIRY #: 5648020.8

YEAR: 2002

— = 500'





INQUIRY # 5648020.8

YEAR: 1994

_____ = 500'



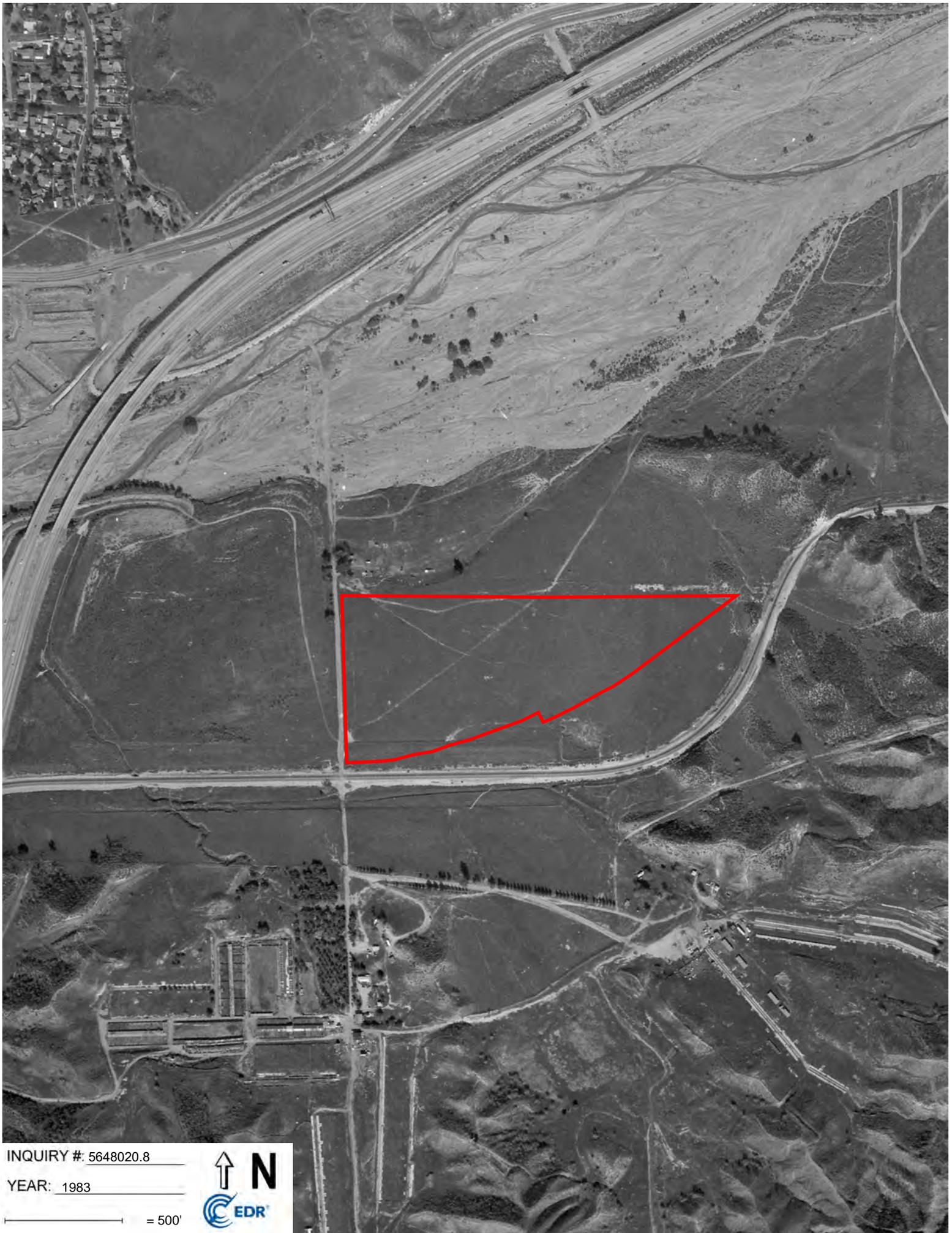


INQUIRY #: 5648020.8

YEAR: 1989

— = 500'



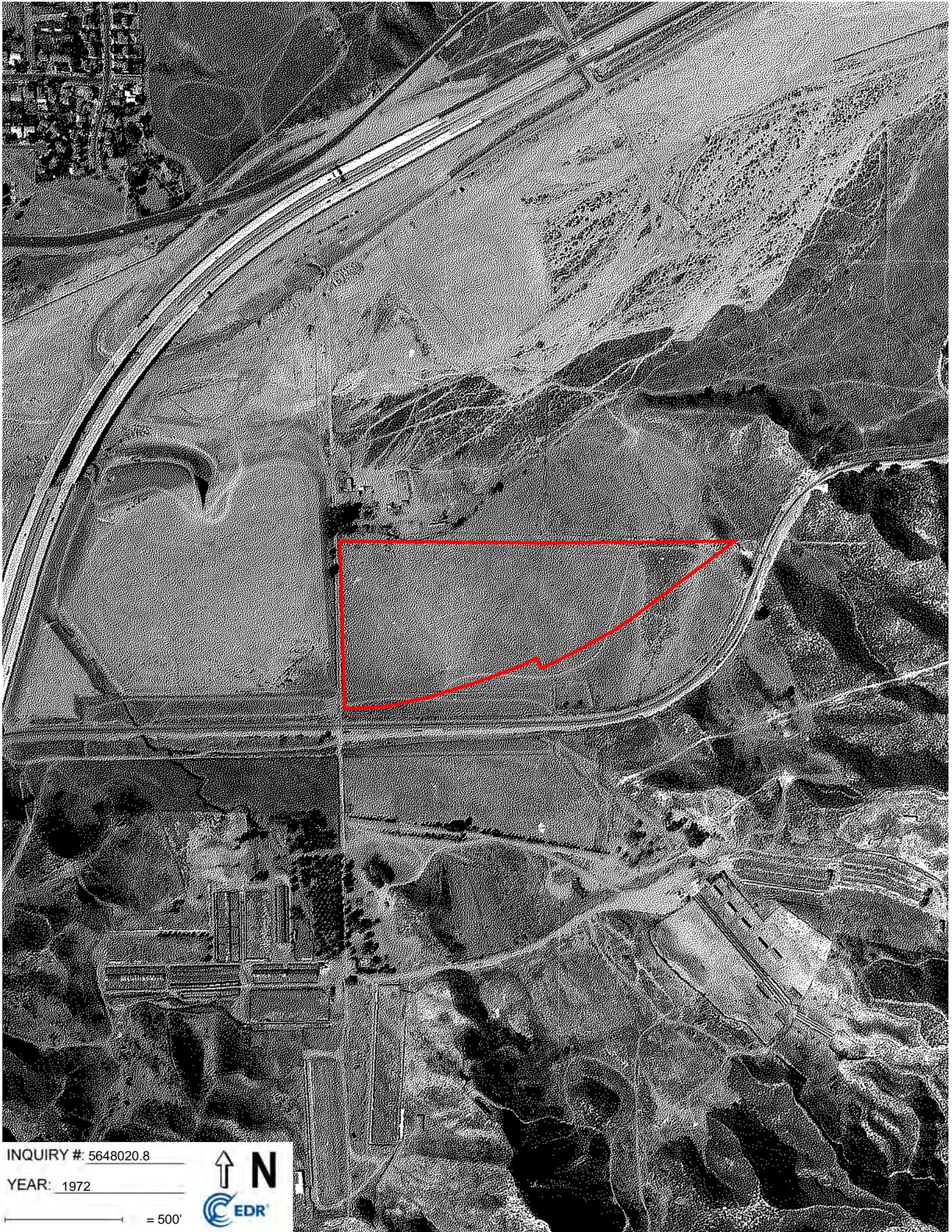


INQUIRY #: 5648020.8

YEAR: 1983

— = 500'





INQUIRY #: 5648020.8

YEAR: 1972

— = 500'





INQUIRY #: 5648020.8

YEAR: 1970

— = 500'



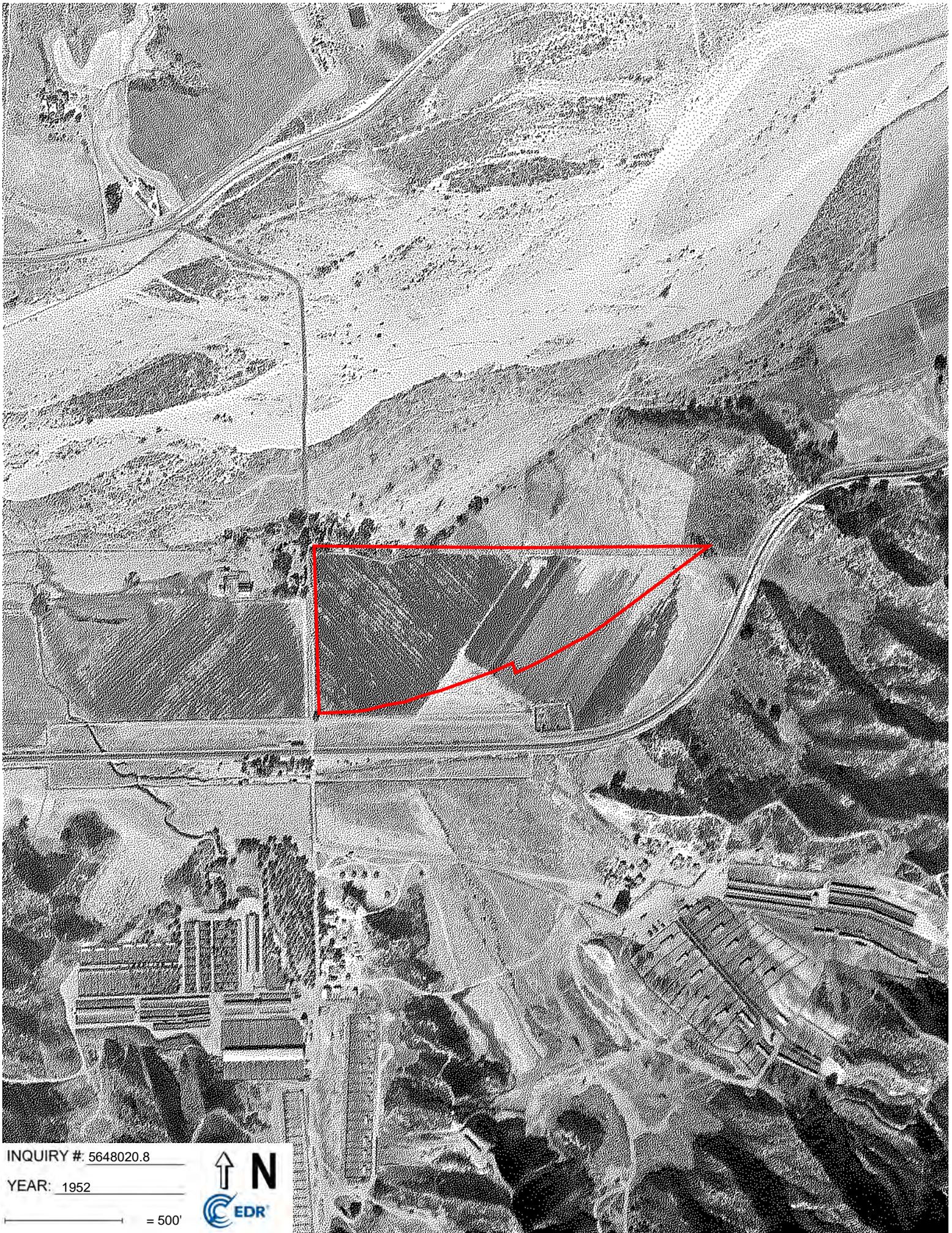


INQUIRY # 5648020.8

YEAR: 1969

_____ = 500'



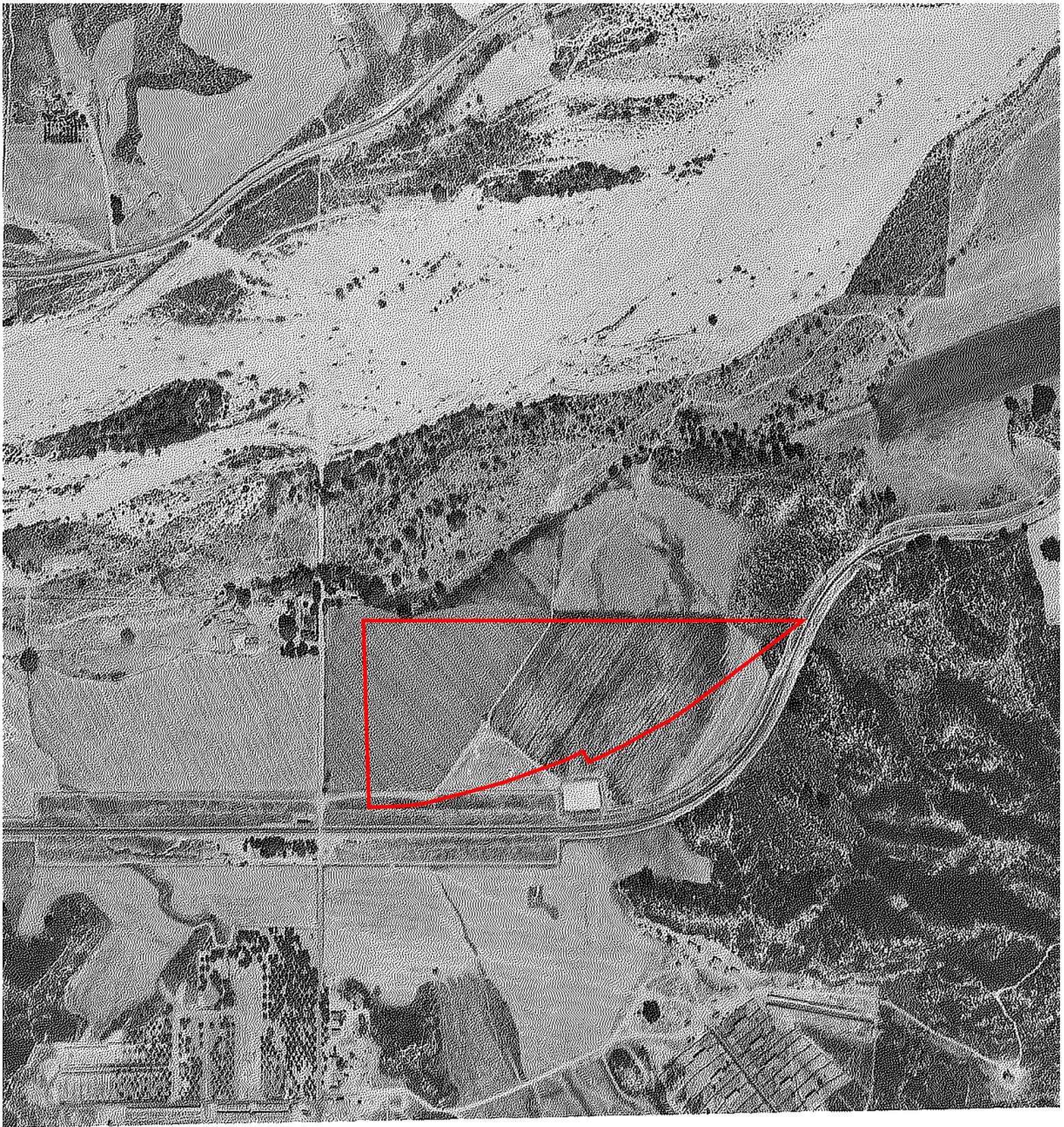


INQUIRY # 5648020.8

YEAR: 1952

— = 500'



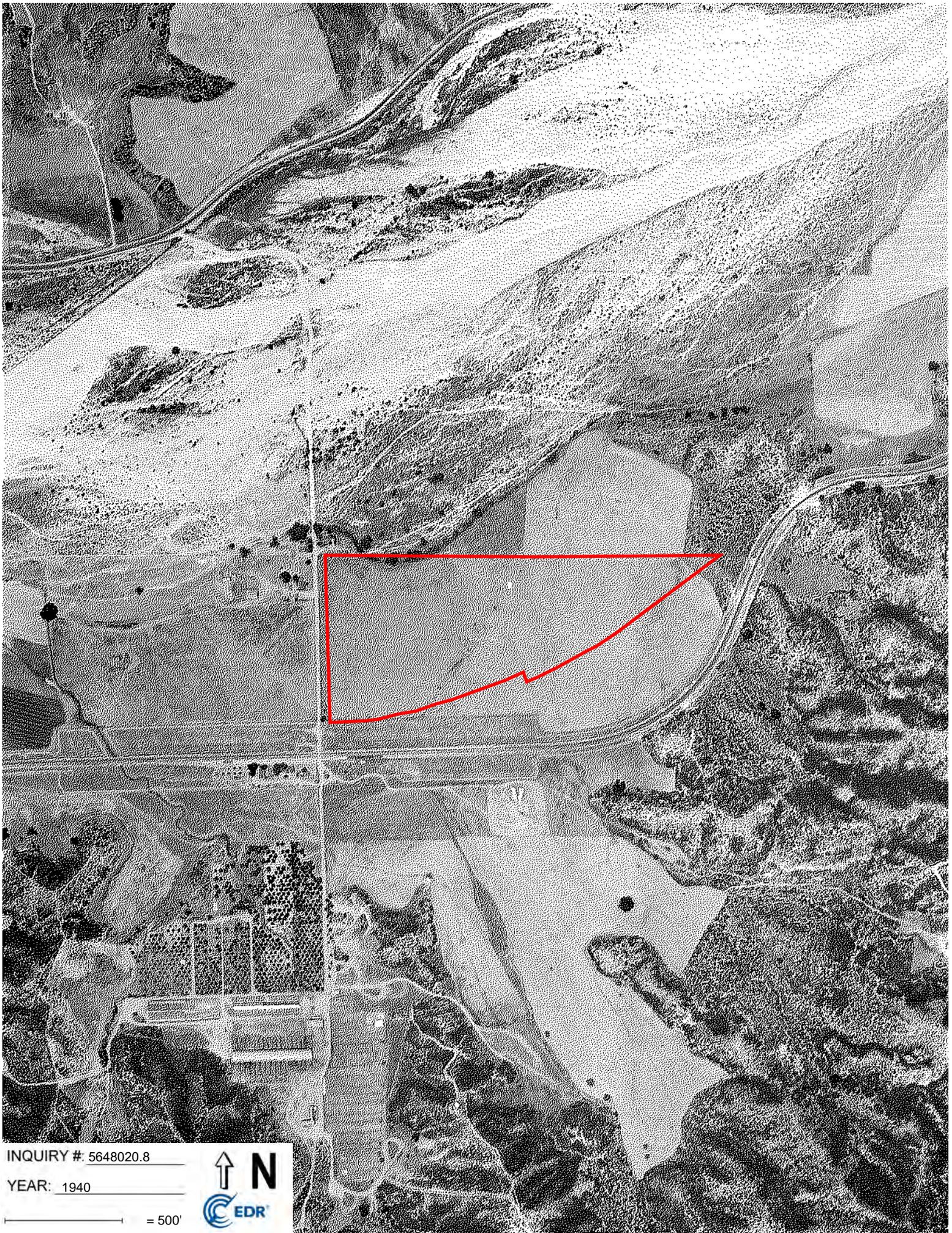


INQUIRY #: 5648020.8

YEAR: 1947

— = 500'



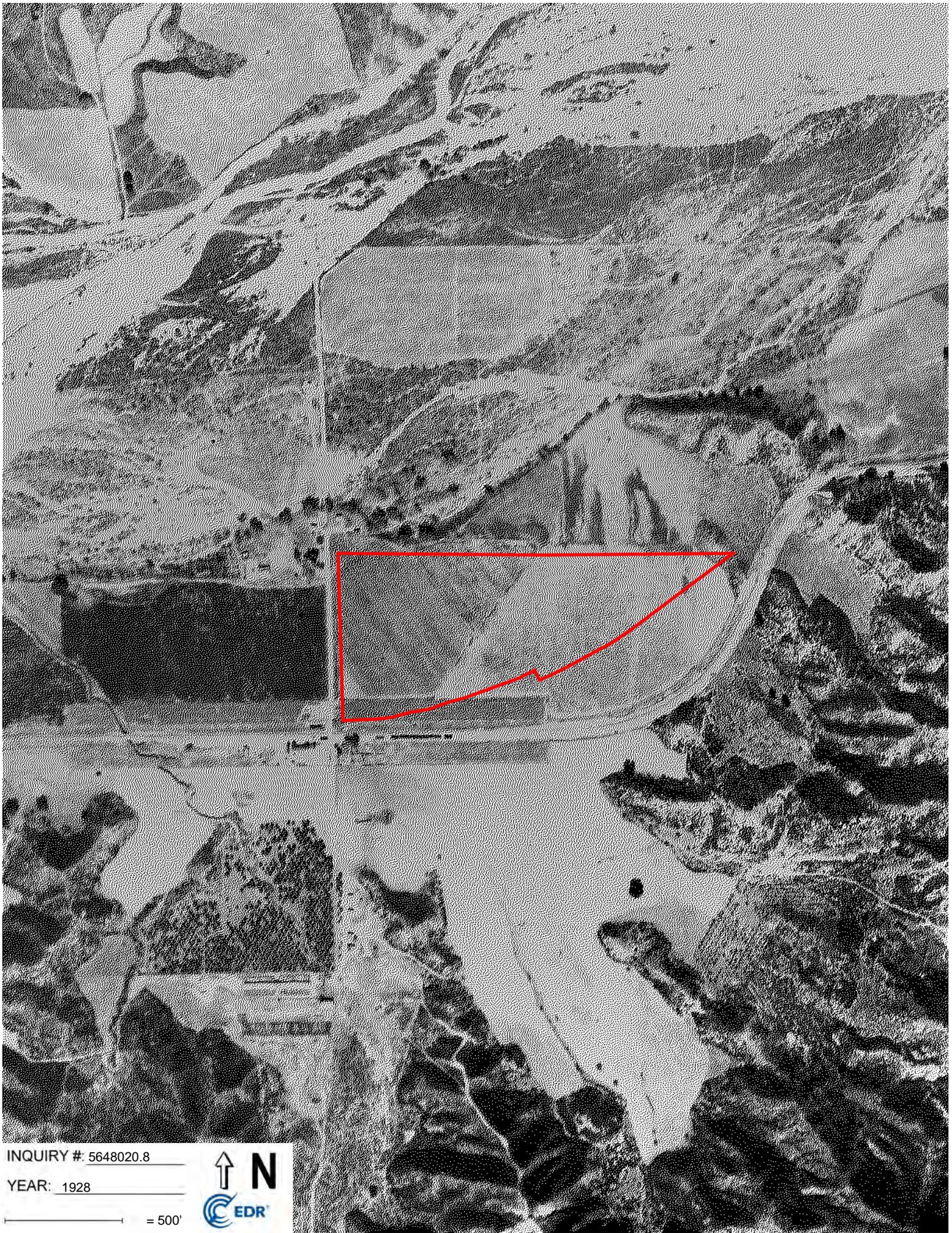


INQUIRY #: 5648020.8

YEAR: 1940

— = 500'





INQUIRY # 5648020.8

YEAR: 1928

_____ = 500'



Not Reported

Not Reported

Canyon Country, CA 91387

Inquiry Number: 5648020.3

May 10, 2019

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

05/10/19

Site Name:

Not Reported
Not Reported
Canyon Country, CA 91387
EDR Inquiry # 5648020.3

Client Name:

Stantec
735 E. Carnegie Drive, Suite 280
SAN BERNARDINO, CA 92408
Contact: Alicia Jansen



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Certified Sanborn Results:

Certification # 325B-4346-8CC5
PO # NA
Project NA



Sanborn® Library search results

Certification #: 325B-4346-8CC5

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- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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Not Reported

Not Reported
Canyon Country, CA 91387

Inquiry Number: 5648020.5
May 14, 2019

The EDR-City Directory Image Report

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1985	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1980	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1975	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1971	<input checked="" type="checkbox"/>	<input type="checkbox"/>	B and G Publications
1967	<input checked="" type="checkbox"/>	<input type="checkbox"/>	B and G Publications

FINDINGS

TARGET PROPERTY STREET

Not Reported
Canyon Country, CA 91387

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

LOST CANYON RD

2014	pg A1	EDR Digital Archive
2010	pg A2	EDR Digital Archive
2005	pg A3	EDR Digital Archive
2000	pg A4	EDR Digital Archive
1995	pg A5	EDR Digital Archive
1992	pg A6	EDR Digital Archive
1985	pg A7	Haines Criss-Cross Directory
1985	pg A8	Haines Criss-Cross Directory
1980	pg A9	Haines Criss-Cross Directory
1975	pg A10	Haines Criss-Cross Directory
1971	pg A11	B and G Publications
1971	pg A12	B and G Publications
1967	pg A13	B and G Publications
1967	pg A14	B and G Publications

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

LOST CANYON RD 2014

16472 LEON, JOSE R
16530 PINECREST SCHOOLS INC
16615 JOHNSON, JAI
16628 SULPHUR SPRINGS UNION PTA
SULPHUR SPRINGS UNION SCHL DST
YMCA
16703 OCCUPANT UNKNOWN,
VALLEY PLUMBING EXPRESS INC
16810 HERRERA, JAVIER
17941 AMERICAN GARMENT FINISHING
BARTLETT, NANCY R
BRADY, RONALD W
JANIZEH, NICHOLAS V
LETSFILMIT INC
LOPEZ, LOUIE
NASHER ENTERPRISES INC
THANADPOJANAMART, TANYA
17943 CALARA, MARIFI M
CLINE, PAMELLA J
FORD, CANDACE
GUTIERREZ, FREDERICK A
MASZEROSKI, JANINA A
VARGAS, ERIC R
17945 ALAMILLO, DANIEL B
BLECHMAN, ADAM L
CAMARENA, CARLOS
MASON, CLEVE W
RAIHNG, CAROL
17947 KIM, STEVEN H
17949 CATIG, GILBERT
HAAS, ERIKA
17953 ALLEN, MICHAEL D
CSG FACILITIES MAINTENANCE SVC
GRIFFIN, CHRISTOPHER S
HAYES, SUE A
JIN, DAE G
RENDA, ADAM B
WALSH, HEATHER

LOST CANYON RD 2010

16472 LEON, JOSE R
16530 PINECREST SCHOOLS INC
16615 JOHNSON, JAI
MILLER FAMILY DAY CARE
16628 PTA CLIFORNIA CONGRESS PARENTS
SULPHUR SPRINGS UNION PTA
SULPHUR SPRINGS UNION SCHL DST
16703 GOOD, ADRIENNE F
16810 ASOCIACION CALIFORNIA DE
OCCUPANT UNKNOWN,
17941 BALANKURA, ORAWAN
ECHELMEIER, CHRISTOPHER R
HOGAN, KRISTI
JANIZEH, MATTHEW M
KOLLAR, MARGARET
SORIANO, RENEE A
17943 CLINE, PAMELLA
LEE, HO J
MANSILLA, CASIMIRO M
MASZEROSKI, JANINA A
VARGAS, ERIC R
17945 ALAMILLO, DANIEL
BLECHMAN, JAIME
FUDENBERG, JASON
GONZALEZ, MERCEDEZ
MASON, CLEVE W
VAUGHN, JOSHUA G
17947 BANTON, MICHAEL J
KIM, STEVEN H
YARNELL, HEATHER
17949 HERNANDEZ, IVAN
ZETINO, GIOVANNI A
17953 ALLEN, MICHAEL D
AQUINO, MICAEL L
ESTRELLA, TONY
HAYES, SUE A
MIMAKI, ROBERT H

LOST CANYON RD 2005

16472	LEON, JOSE R
16530	PINECREST SCHOOLS INC
16615	JOHNSON, TROY A MILLER FAMILY DAY CARE
16628	SULPHUR SPRINGS COMMUNITY SCHL SULPHUR SPRINGS UNION PTA
16703	GOOD, ADRIENNE F
16810	ASOCIACION CALIFORNIA DE HERRERA, JAVIER
17953	HAYES, SUE A LIBENSON, GERMAN NUGROHO, DANI L SULLIVAN, ALAN TUCKER, EDWARD W
17955	ANTON, NORMA A CASO, VALERIE DEMPSEY, JOHN R LIU, PETER MACKAY, COLIN P PAYRE, ROBERT E
17957	BOSWORTH, MEGAN DIZON, JEROME PANTOJA, RUBY PAYTON, SUSANA L SCHANFARBER, DAWN A
17959	CHIR, SUNG GAUDETTE, MICHAEL S OWEN, JEREMIAH P OXCIANO, FROILAN
17961	CLAUS, LUKE COLLINS, ADAM S FERGUSON, JERRY GULUZZA, RICHARD P KEGEYAN, KHACAIAK K RECIO, JUANITO
17963	BARRANTI, ANTHONY DEMESA, RAFAELA A ELAM, CHRISTINA A FARRARE, INESA A GIL, ANA KARLEE, MONIQUE M

LOST CANYON RD 2000

16462 ROBINSON, MICHAEL
16463 HANSON, MARK L
16472 LYNCH, MATTHEW
16530 PINECREST SCHOOLS INC
16615 CHURCH ON ROCK
16628 SULPHER SPRINGS CMTY ELEM SCH
27936 DMM INSURANCE SERVICES
EVANS FRAMING CORPORATION
FRICA VENTURES & INVESTME
GRAYEM TIM
SAFE GUARD ESTATE PLANNING
STONEYCREEK CHIROPRACTIC
VALLEY OAKS MORTGAGE
WESTSTAR TELECOM CO
27940 HERRING ROBERT G JR DDS INC

LOST CANYON RD 1995

16239 MACHINERY ELECTRIC SERVICE
16417 MAYDECK THOMAS J INC
16429 GO TO NURSERY
16530 PINECREST SCH-CANYON COUNTRY
16628 SULPHER SPRINGS CMTY ELEM SCH
16810 SMITH JANET BOARDING STABLES
27936 ADVANCED BUSINESS CONSULTING
ARONOFF HOWARD DPM
ARTHUR NOBLES ESQ
CHURCH OF HOPE ELCA
CUMMINGS VALERIE PHD
GRAYEM TIM
NESTLE FOOD COMPANY
SCHUTZ DANA MFCC
27940 HERRING ROBERT G JR DDS
STONEY CREEK DENTAL GROUP

LOST CANYON RD 1992

16239 MACHINERY ELECTRIC SERVICE
16257 LEON, RUBEN
16320 REYNOSO, ELIAS
16401 MCCALLUM, GLEN M
16422 SILLEMAN, OSCAR W
16424 ANDERSON, WALTER E
16426 HARRIS, BILL
16429 GO TO NURSERY
GOTO, GEORGE
16442 DENNIS WPOSTEN SILVERSMI
16530 PINECREST SCH-CANYON COUNTRY
16810 SMITH JANET BOARDING STABLES
27936 ARONOFF HOWARD DPM
ARONOFF, HOWARD
BROOKS, ROBIN
SCHROEDER, CORRINE
27940 HERRING ROBERT G JR DDS
HERRING, ROBERT G JR

LOST CANYON RD 1985

LOST CANYON RD 91351

CANYON COUNTRY

15831	MAXEY JOHN	252-9502	0
16115	DANS ELECTRIC	252-1084	0
16118	ARKLIN LEVON	252-1964	
	ARKLIN STEPHEN	252-1964	
16127	XXXX	00	
16137	XXXX	00	
16154	CARMICHAEL HAROLD E	252-3664	
16160	XXXX	00	
16191	XXXX	00	
16202	XXXX	00	
16205	JONES ROBT A	251-2114	3
16214	XXXX	00	
16217	XXXX	00	
16220	JONES DENNY	252-7667	9
	MCCONNELL M A	252-7667	
16226	BUCKENS JOHN E	252-5974	
16239	MACHINERY ELCTRC SV	367-4218	1
	MACHINERY ELECTRIC	251-0319	1
16257	WOODS CARL W	252-9768	+5
16320	REYNOSO ELIAS	251-6875	1
16321	A B C CHILD CARE	251-2273	3
16401	MCCALLUM GLEN MAC	252-2705	
	MCCALLUM JAS	252-0537	
16412	DUFRENE ALANE	252-6090	8
16417	LARRY WEBER PAINTNG	251-7196	+5
	WEBER LARRY PAINTNG	251-7196	+5
16422	SILLEMAN OSCAR W	252-1138	
16424	ANDERSON WALTER E	252-2658	

LOST CANYON RD 1985

LOST CANYON RD		91351 CONT.	
16426	HARRIS BILL	252-3501	
16428	XXXX	00	
16429	GOTO GEO	251-1318	0
	GOTO NURSERY	252-0842	1
16442	POSTEN DENNIS	252-1841	
16462	XXXX	00	
16463	HILL C	251-7096	3
16530	MOORE JAS	251-0156	+5
16615	VADINO LOUIS J	252-8241	1
16628	SULPHUR SPRINGS ELM	252-2725	
16703	XXXX	00	
16806	BROWN BUCK	251-1510	8
	RICE KEN	252-3365	4
16810	SMITH JANET STABLES	252-1810	8
	SMITH JANET TRAINING	252-9873	8
★	10 BUS	33 RES	4 NEW

✓

-

LOST CANYON RD 1980

LOST CANYON RD 91351			
CANYON COUNTRY			
15831	MAXEY JOHN	252-9502	+0
16115	DANS ELECTRIC	252-1084	+0
16118	ARKLIN LEVON	252-1964	
	ARKLIN STEPHEN	252-1964	5
16127	XXXX	00	
16137	BUSHEY BOB	251-2777	+0
16154	CARMICHAEL HAROLD	252-3664	4
16160	ARNOLD CONCRETE	252-4240	8
16191	BAKER JAMIE	252-3280	7
16202	XXXX	00	
16205	XXXX	00	
16214	BAST G C	252-4378	5
16217	XXXX	00	
16220	JONES DENNY	252-7567	9
	MCCONNELL M A	252-7567	4
16226	BUCKENS JOHN E	252-5974	
16239	LEMEUS BERTIL	252-7880	7
16257	BASHAM GARY	252-9621	+0
16320	XXXX	00	
16321	XXXX	00	
16401	MCCALLUM GLEN MAC	252-2705	
	MCCALLUM JAS	252-0537	4
16412	DUFRENE ALANE	252-6090	8
16417	RAMAGE JON	251-4101	9
16422	SILLEMAN OSCAR W	252-1138	
16424	ANDERSON WALTER E	252-2658	5
16426	HARRIS G A	252-3501	5
16428	SMURR RAYMOND E	251-1569	6
16429	GOTO GEO	251-1318	+0
	TOTO NURSERY	252-0842	+0
16442	POSTEN DENNIS	252-1841	
16462	XXXX	00	
16463	XXXX	00	
16628	SULPHR SPGS ELEM SC	252-2725	
16806	BROWN BUCK	251-1510	8
	DOREMIRE RUSSELL C	252-3006	9
16810	SMITH JANET STABLES	252-1810	8
	SMITH JANET STABLES	252-9873	8
★	6 BUS	32 RES	6 NEW

LOST CANYON RD 1975

LOST CANYON RD	91351	CNYN CNTRY
16118	ARKLIN LEVON	252-1964
	ARKLIN PHILIP H	251-2297+5
	ARKLIN STEPHEN	252-1964+5
16137	HULL GEORGE	252-0284
16154	CARMICHAEL HAROLD	252-3664 4
16160	WILKEY JIM	252-1453+5
16191	BAKER JAS	252-9303
16202	XXXX	CO
16205	MORTIMER JOHN	252-9550+5
16214	GAST G C	252-4378+5
16217	NUNAN JOHN M JR	252-5110 3
16220	MCCONNELL JAS R	252-7567 4
16226	BUCKENS JOHN E	252-5974
16239	MILLER DONALD	252-0946
16257	FLEMING MARTIN E	252-1486 3
	*LOST CNYN BIRD RNCH	251-0504 4
16320	TICHENOR M A	251-3778
16321	XXXX	CO
16401	MCCALLUM GLEN MAC	252-2705
	MCCALLUM JAS	252-0537 4
16412	LEDBETTER A EDW	252-6090 3
16417	KEMPEL HAROLD	252-1693
16422	SILLEMAN OSCAR W	252-1138
16424	ANDERSON WALTER E	252-2658+5
16426	HARRIS G A	252-3501+5
16428	STAATS JOE P	252-3579
16442	POSTEN DENNIS	252-1841
16452	SALTEE JOHN E	252-8379+5
16462	DAVIDSON E DUANE	252-1294 4
	PETTYJOHN K L	252-0468 4
16628*	SULPHUR SPR ELEM SC	252-2725
16810	XXXX	CO
	* 2 BUS 30 RES 8 NEW	

LOST CANYON RD 1971

LOST CANYON RD (SAUGUS) 91350

16118 ENGBRING L 252-6539

16127 STEADY ROBT 252-2742

16137 HULL GEORGE 252-0284

LOST CANYON RD 1971

16154 GREENWOOD EVANS
16160 STREB GEORGE 252-7095
16167 JAMES GEORGE
16191 THOMPSON S J 252-1083
16202 COSS TED 252-1786
16205 RETTLER MARVIN 252-1948
16214 GAST GENE 252-3277
DANCING BEAR RANCH
STUDIO 252-3277
16217 NO RETURN
16220 COUSIN HAROLD 252-6761
16226 BUCKENS JOHN 252-5974
16239 MILLER DONALD 252-0946
16257 KING D MRS 252-9662
AUSTIN HERBERT 252-8520
16320 STAATS W J 252-7859
16321 OSWALD ROBERT 252-1823
16401 MC CALLUM G 252-2705
16412 MARKS DENNIS
16417 KEMPEL HAROLD 252-1693
16422 SILLEMAN OSCAR 252-1138
16424 MONTGOMERY J 252-2658
16426 KELLEY TIM V 252-4294
16428 STAATS JOE P 252-3579
16432 WOOTEN BOB MRS
16442 POSTEN DENNIS 252-1841
16452 BOWSER RICHARD
16462 SEELEY WAYNE 251-1699
16463 MC GINNIS GEORGIA
16628 SULPHER SPRINGS ELEM
SCHOOL 252-2725
16810 STEAGALL R 251-0412

LOST CANYON RD 1967

LOST CANYON RD (SAUGUS)

16118	NO RETURN
16137	HULL GEO 252-0284
16154	GREENWOOD E 252-1241
16160	CHURCH FRANK 252-0660
16167	JAMES GEO 252-2479
16191	HOLDAWAY C 252-0231

LOST CANYON RD 1967

16202	COSS TED	252-1786
16205	RETTLER MARVIN	252-1948
16217	DAVE'S CARPET SERV	252-4370
16220	JOHNSON H	252-2577
16226	NO RETURN	
16239	MILLER D	252-0946
16239	JANES W T	252-2432
16257	AUSTIN H	252-2450
16320	STAATS W J	252-3595
16321	OSWALD ROBT	252-1823
16401	MC CALLUM GLEN	252-2705
16412	MARKS DENNIS	252-0266
16417	KEMPEL HAROLD	252-1693
16422	SILLEMAN O	252-1138
16424	MONTGOMERY J	252-2658
16428	STAATS JOE	252-3579
16432	WOOTEN B MRS	252-0480
16442	POSTEN DENNIS	252-1841
16452	BOWSER RICHD	252-1771
16462	MC GINNIS G	252-3274
16463	HAMER J A	252-1966
16628	SULPHUR SPRINGS SCHL	252-2725
16810	RAWLINS PHIL	252-2028

Not Reported

Not Reported

Canyon Country, CA 91387

Inquiry Number: 5648020.4

May 10, 2019

EDR Historical Topo Map Report

with QuadMatch™



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

EDR Historical Topo Map Report

05/10/19

Site Name:

Not Reported
Not Reported
Canyon Country, CA 91387
EDR Inquiry # 5648020.4

Client Name:

Stantec
735 E. Carnegie Drive, Suite 280
SAN BERNARDINO, CA 92408
Contact: Alicia Jansen



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Stantec were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

Coordinates:

P.O.# NA
Project: NA

Latitude: 34.412048 34° 24' 43" North
Longitude: -118.438535 -118° 26' 19" West
UTM Zone: Zone 11 North
UTM X Meters: 367794.22
UTM Y Meters: 3808782.64
Elevation: 1490.94' above sea level

Maps Provided:

2012	1942
1995	1940
1994	1929, 1932
1988	1900
1974	
1960	
1947	
1945	

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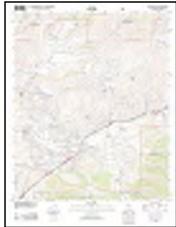
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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Mint Canyon
2012
7.5-minute, 24000

1995 Source Sheets



Mint Canyon
1995
7.5-minute, 24000
Aerial Photo Revised 1993

1994 Source Sheets



Mint Canyon
1994
7.5-minute, 24000
Aerial Photo Revised 1985

1988 Source Sheets



Mint Canyon
1988
7.5-minute, 24000
Aerial Photo Revised 1985

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1974 Source Sheets



Mint Canyon
1974
7.5-minute, 24000
Aerial Photo Revised 1974

1960 Source Sheets



Mint Canyon
1960
7.5-minute, 24000
Aerial Photo Revised 1956

1947 Source Sheets



SAN FERNANDO
1947
15-minute, 50000

1945 Source Sheets



San Fernando
1945
15-minute, 62500
Aerial Photo Revised 1940

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1942 Source Sheets



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7.5-minute, 24000
Aerial Photo Revised 1932



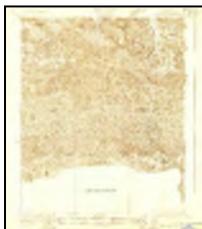
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1942
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1940 Source Sheets

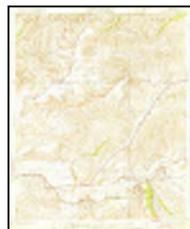


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1940
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Aerial Photo Revised 1940

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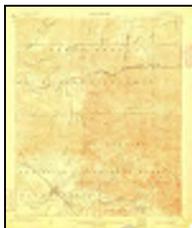


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7.5-minute, 24000

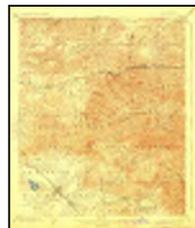


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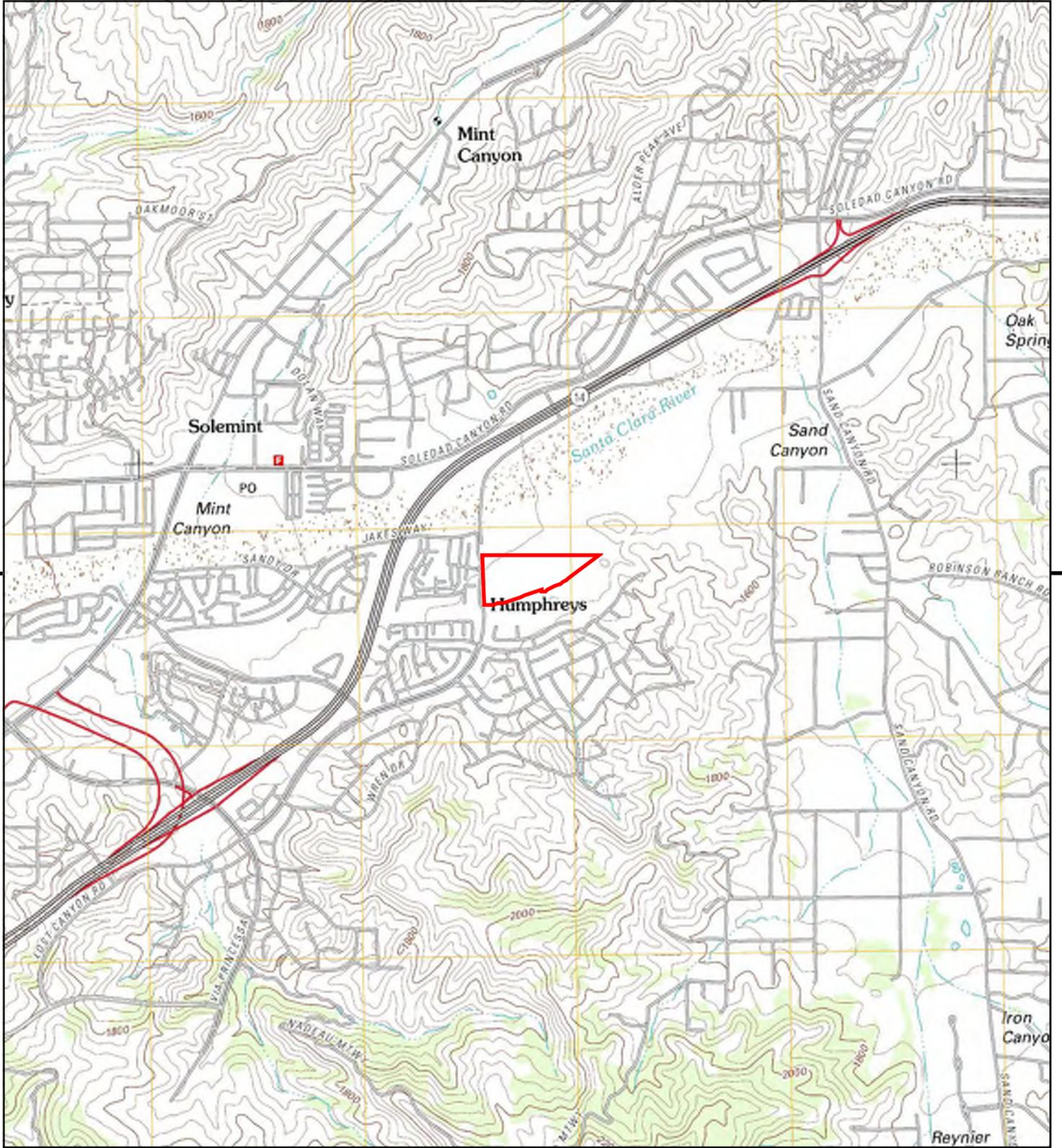
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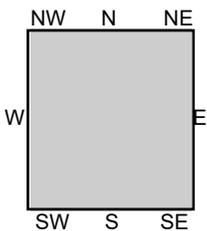
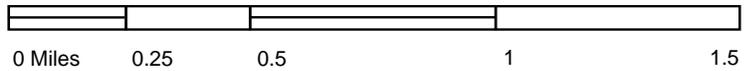
Fernando
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San Fernando
1900
15-minute, 62500



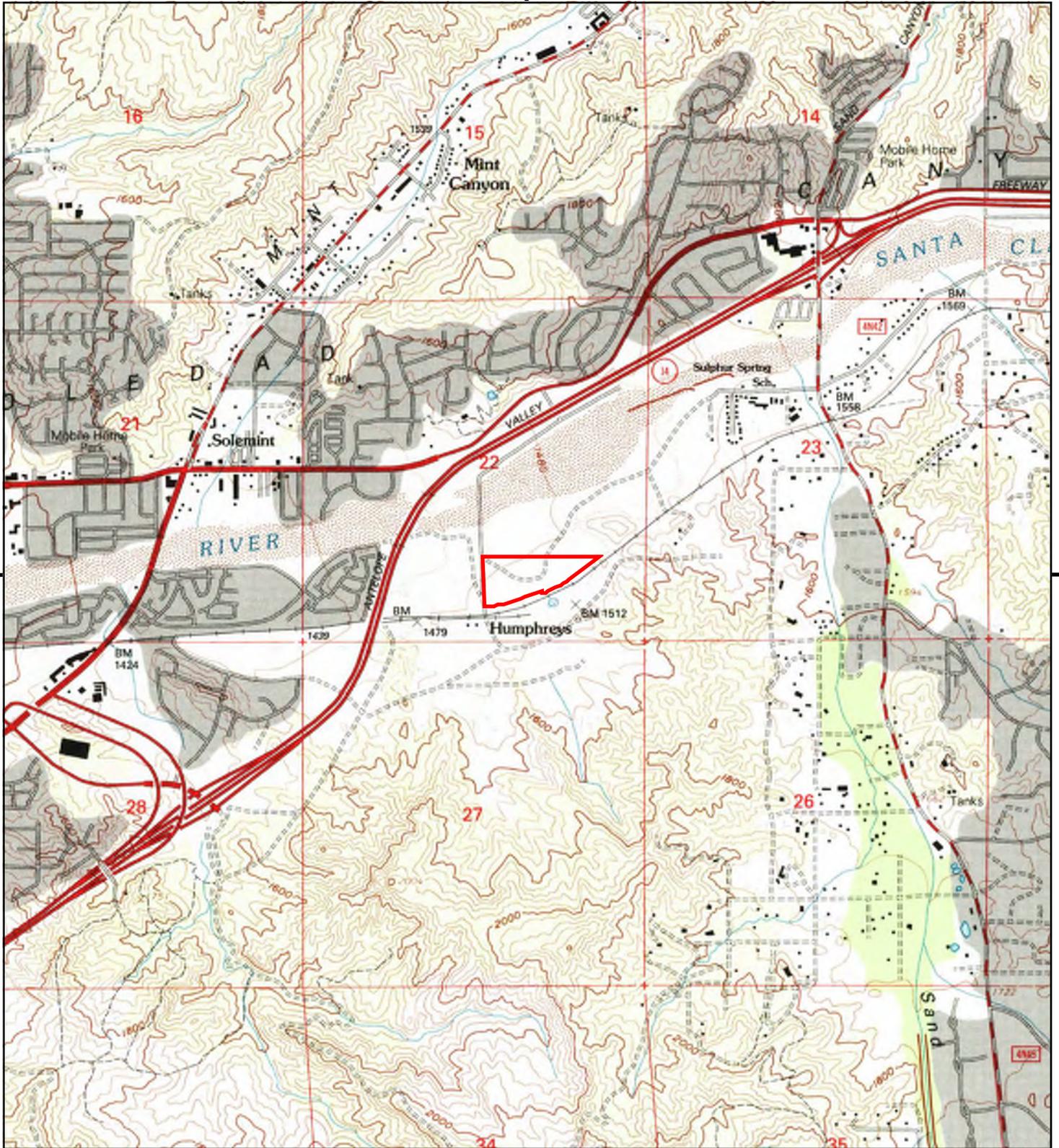
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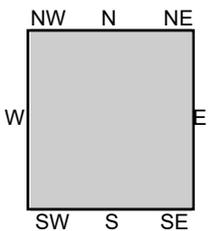
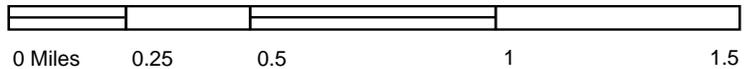
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 ADDRESS: Not Reported
 Canyon Country, CA 91387
 CLIENT: Stantec





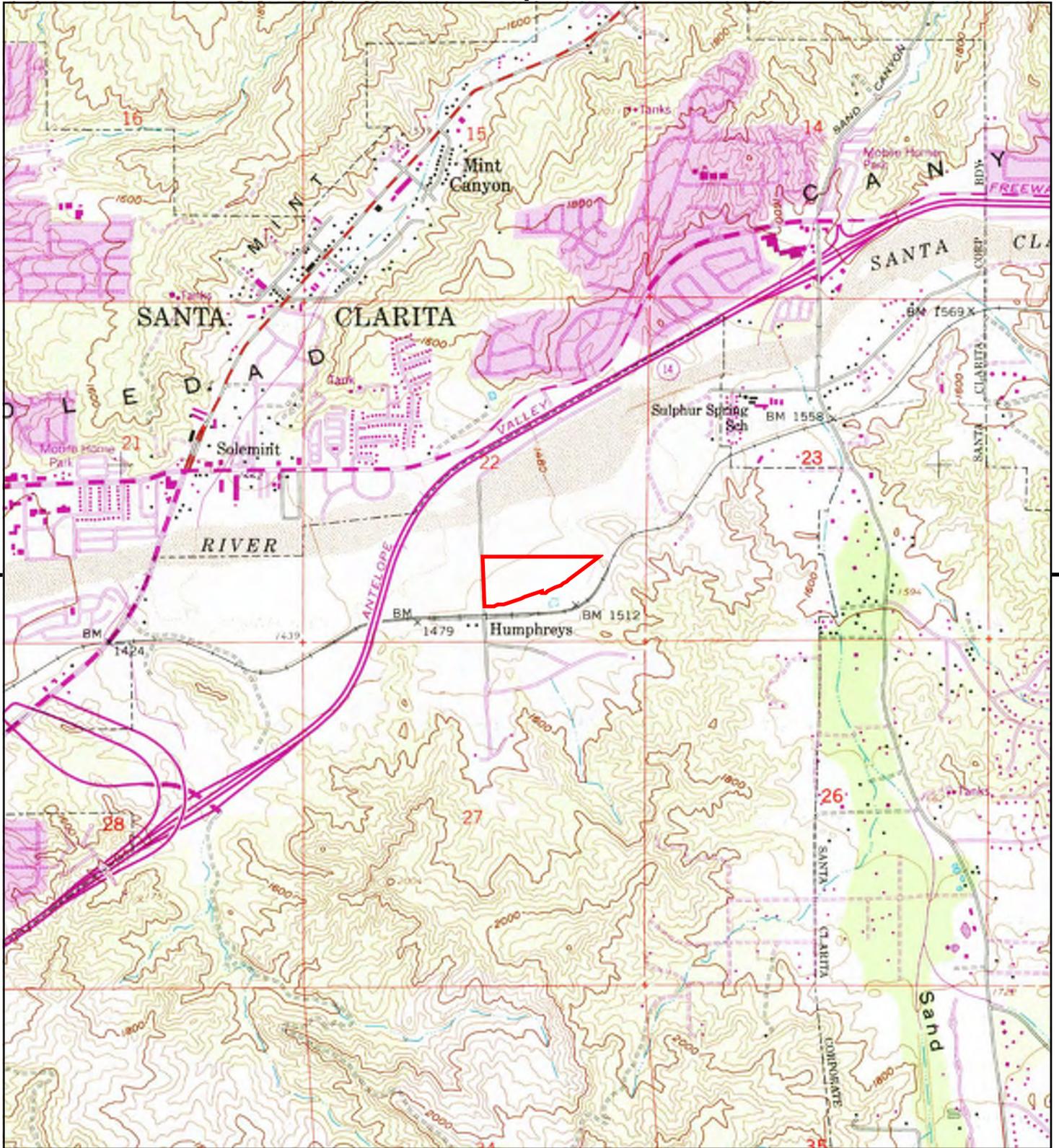
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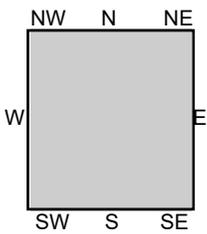
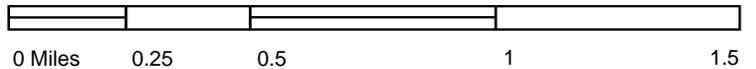
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 Canyon Country, CA 91387
 CLIENT: Stantec





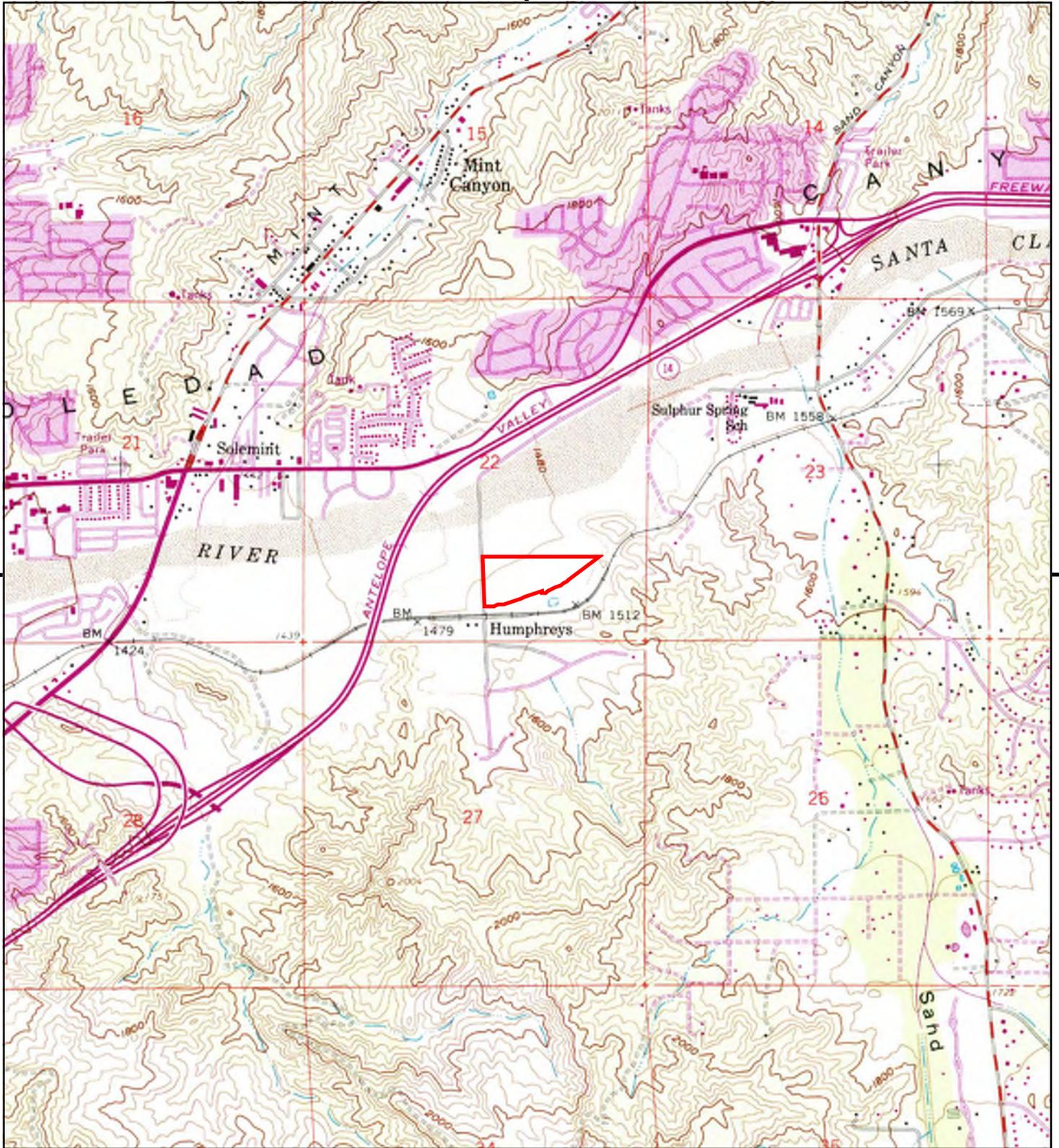
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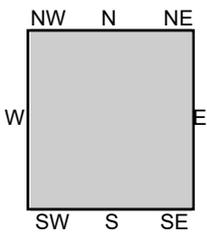
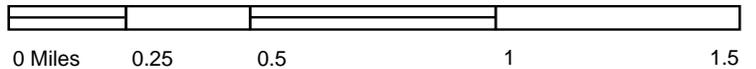
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 Canyon Country, CA 91387
 CLIENT: Stantec





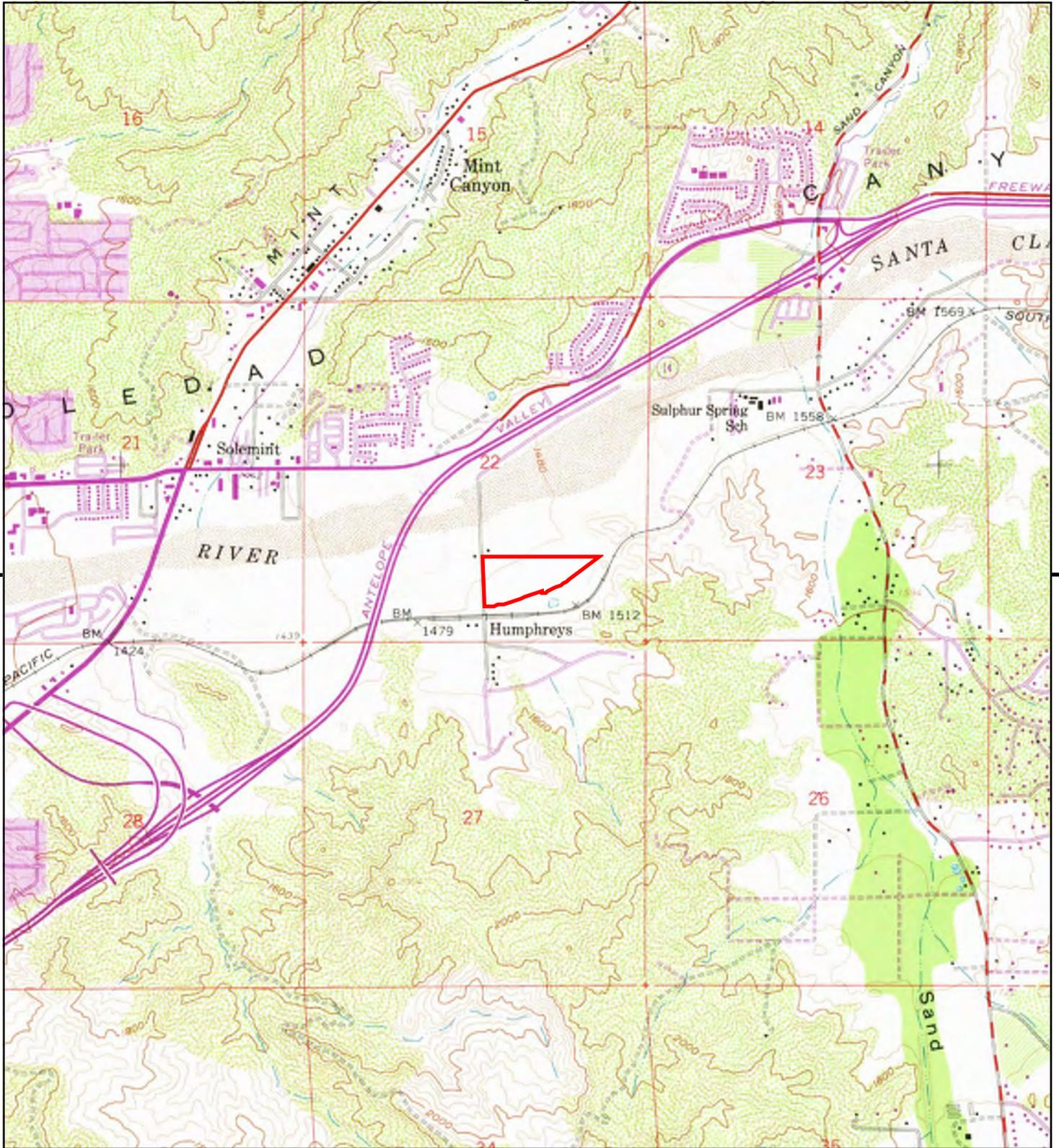
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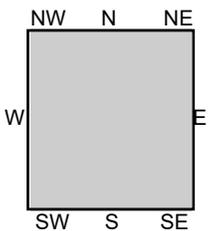
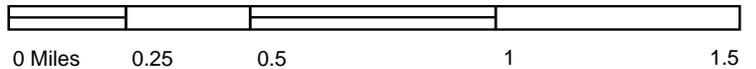
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ADDRESS: Not Reported
Canyon Country, CA 91387
CLIENT: Stantec





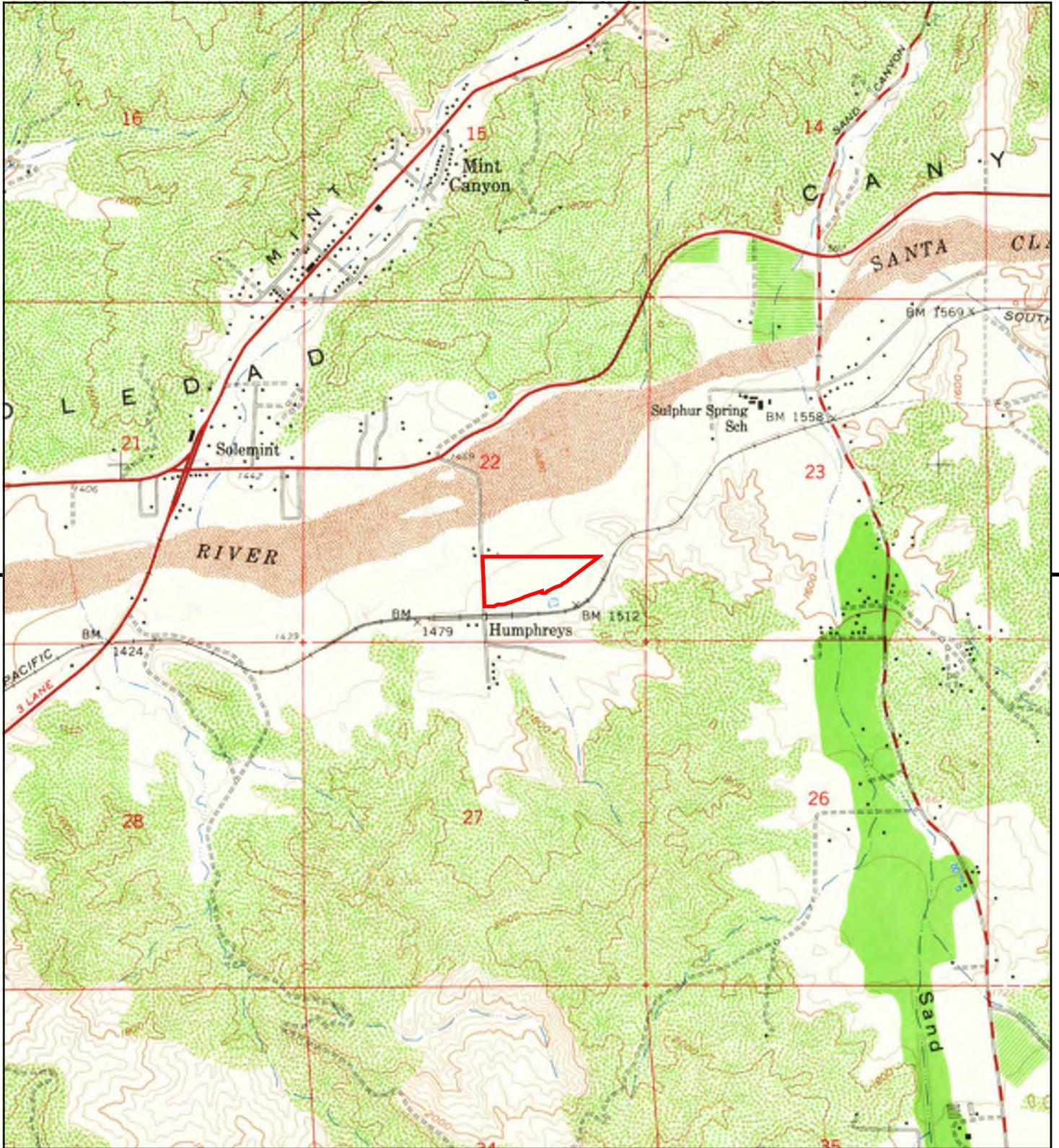
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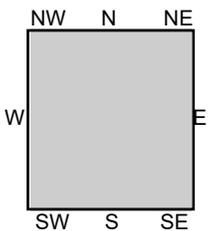
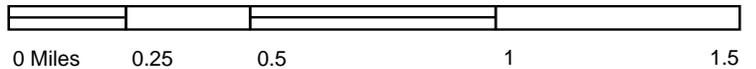
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 Canyon Country, CA 91387
 CLIENT: Stantec





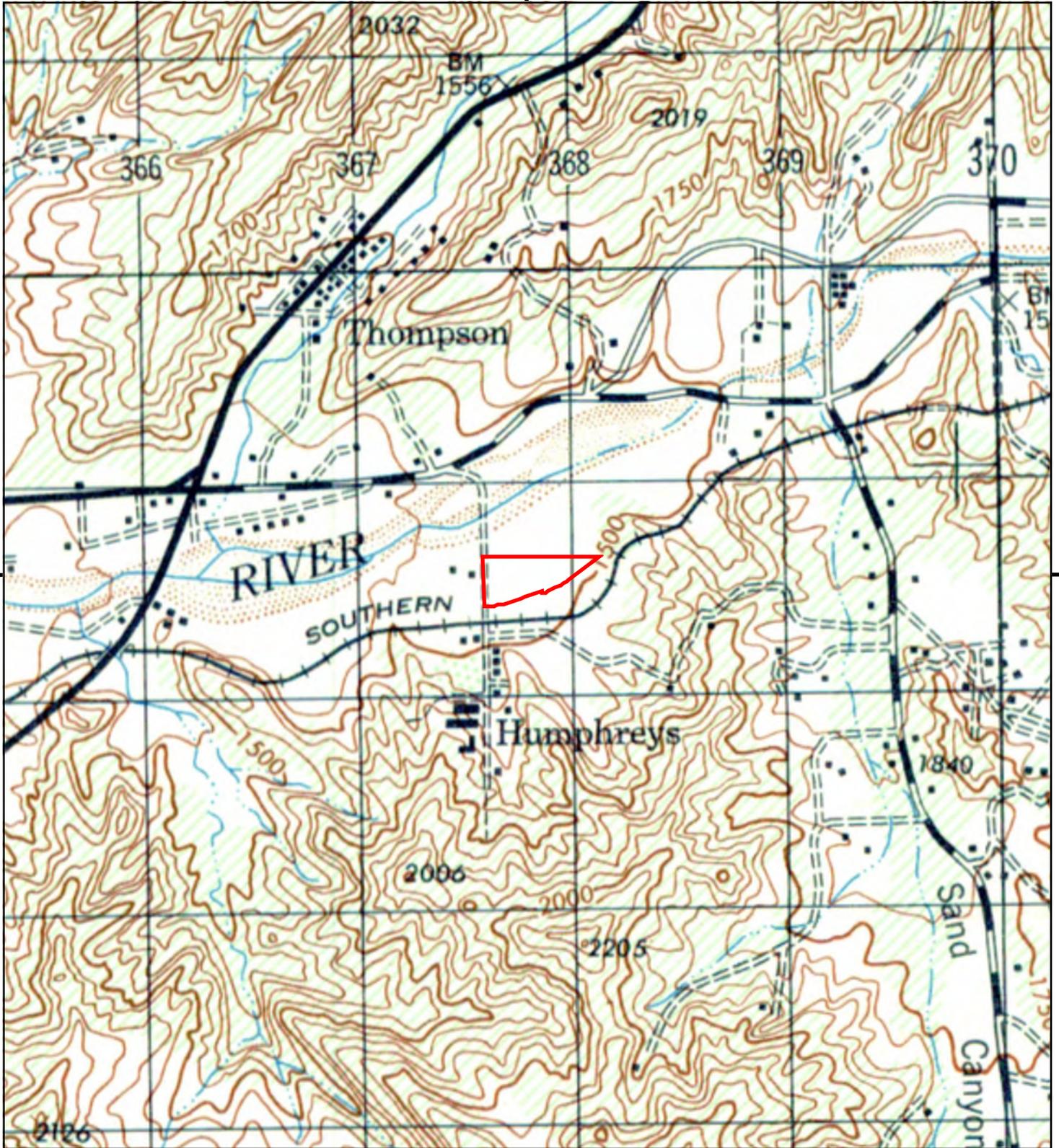
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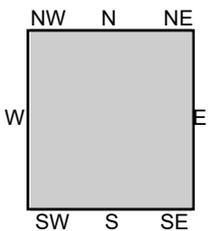
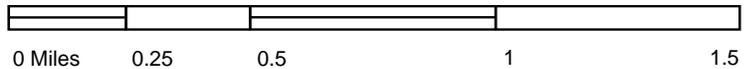
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Canyon Country, CA 91387
CLIENT: Stantec





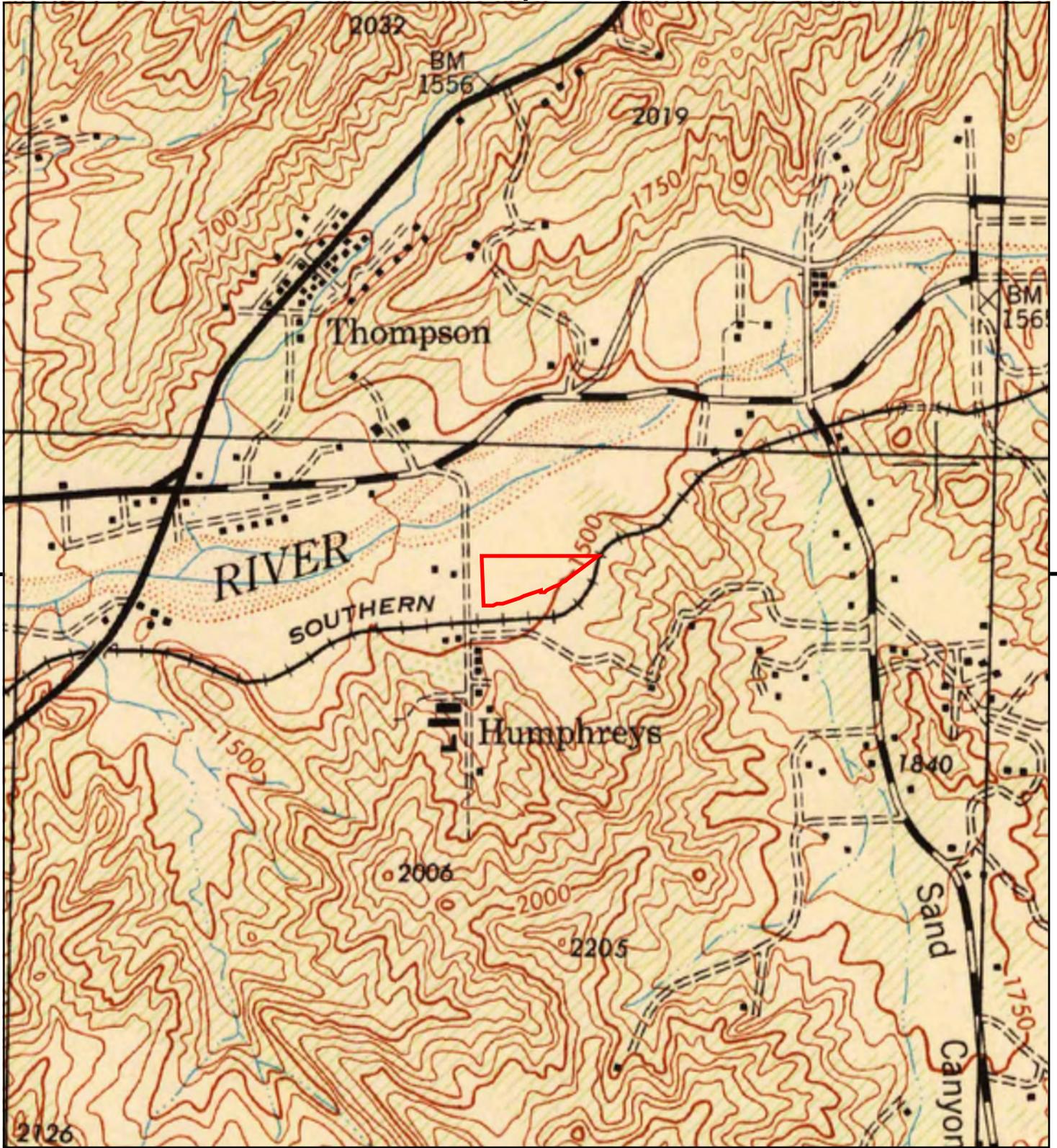
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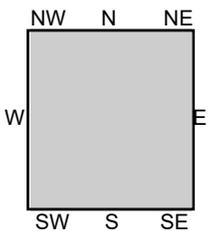
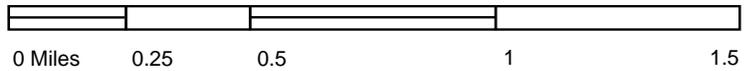
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 CLIENT: Stantec





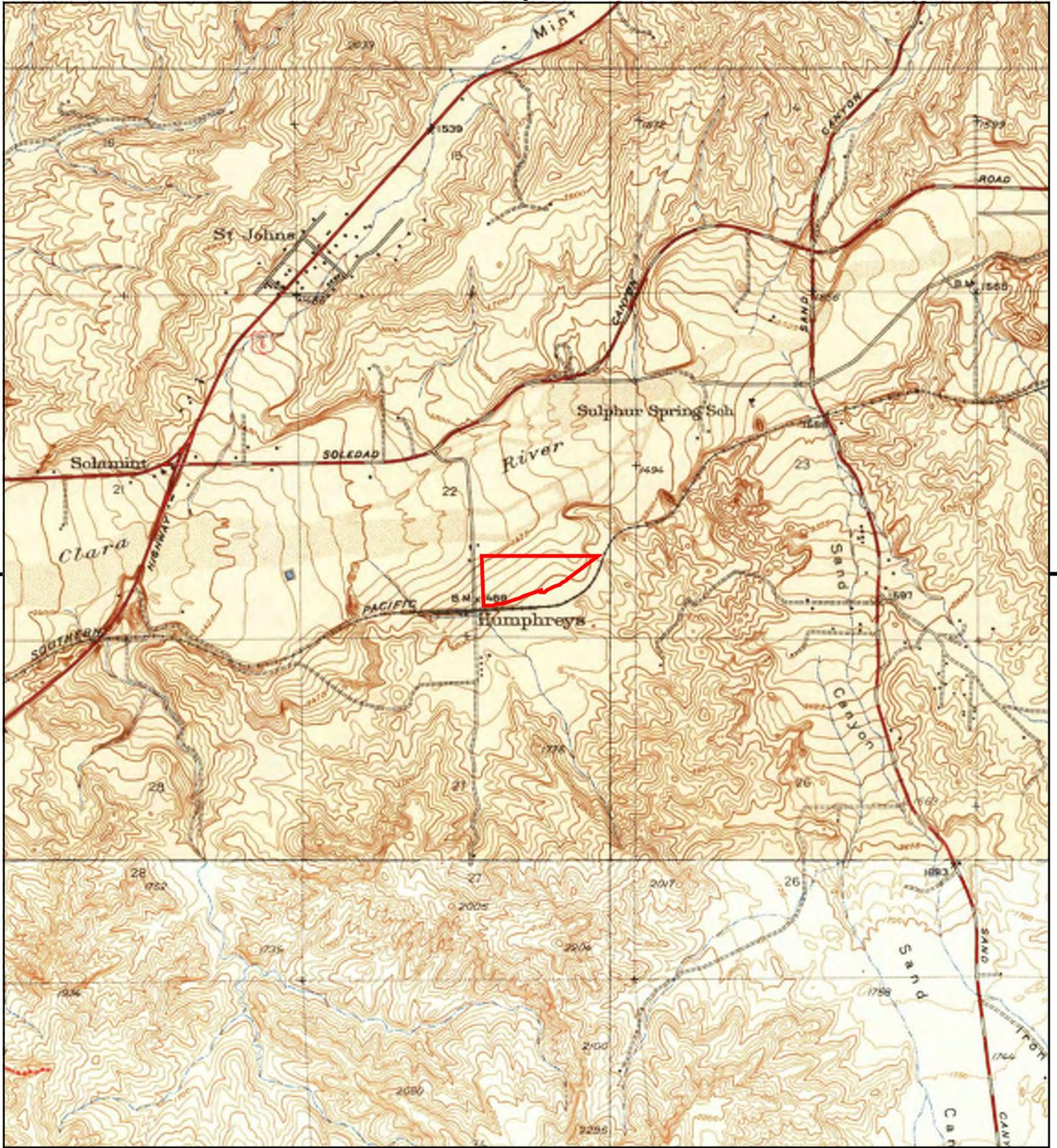
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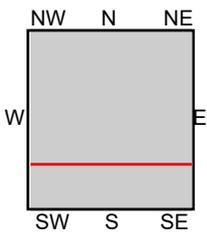
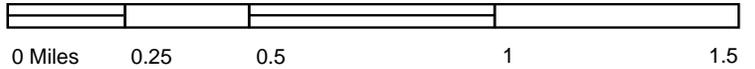
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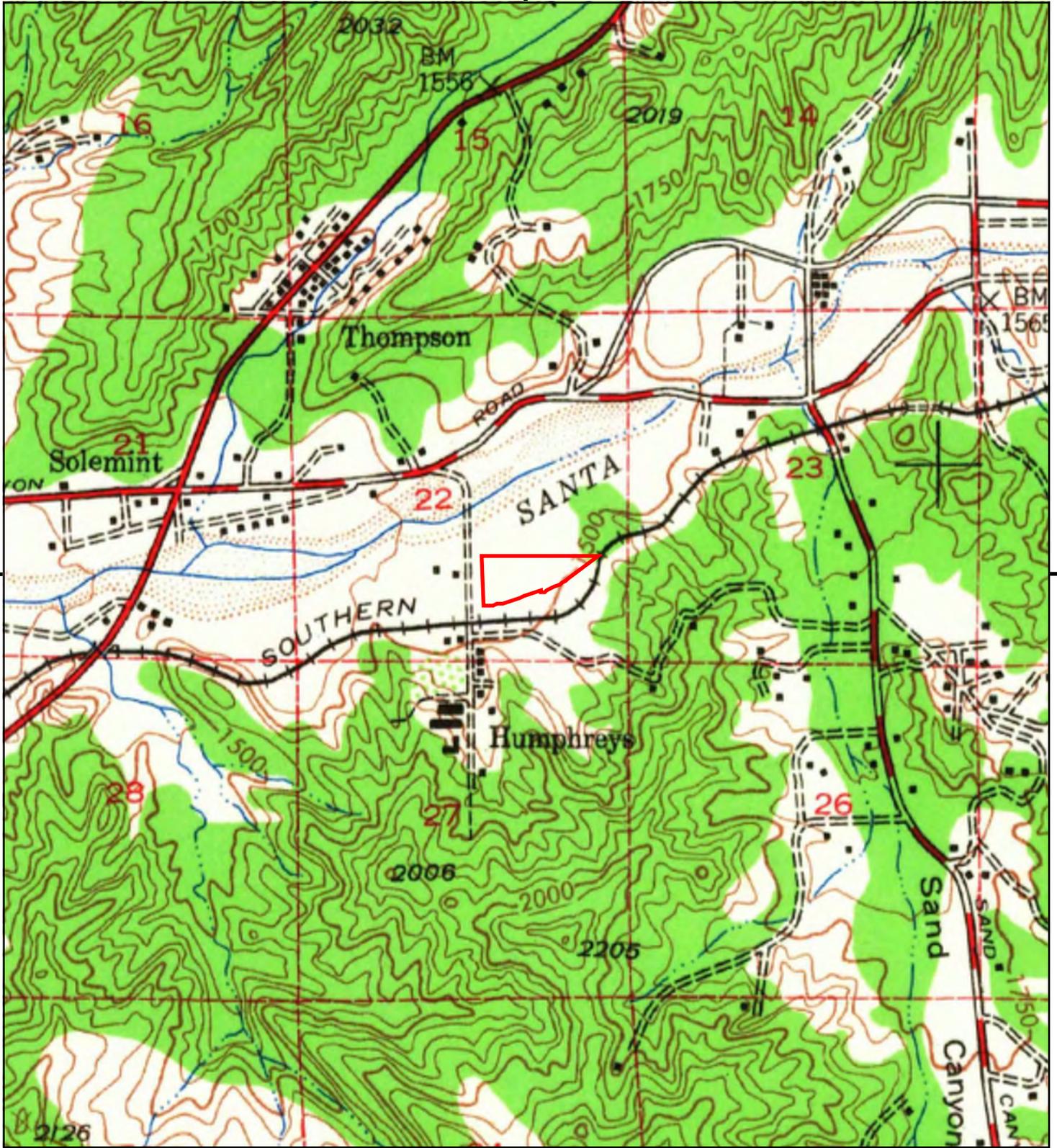
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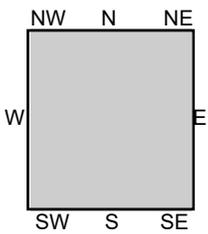
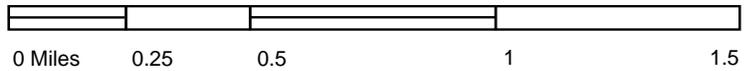
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CLIENT: Stantec





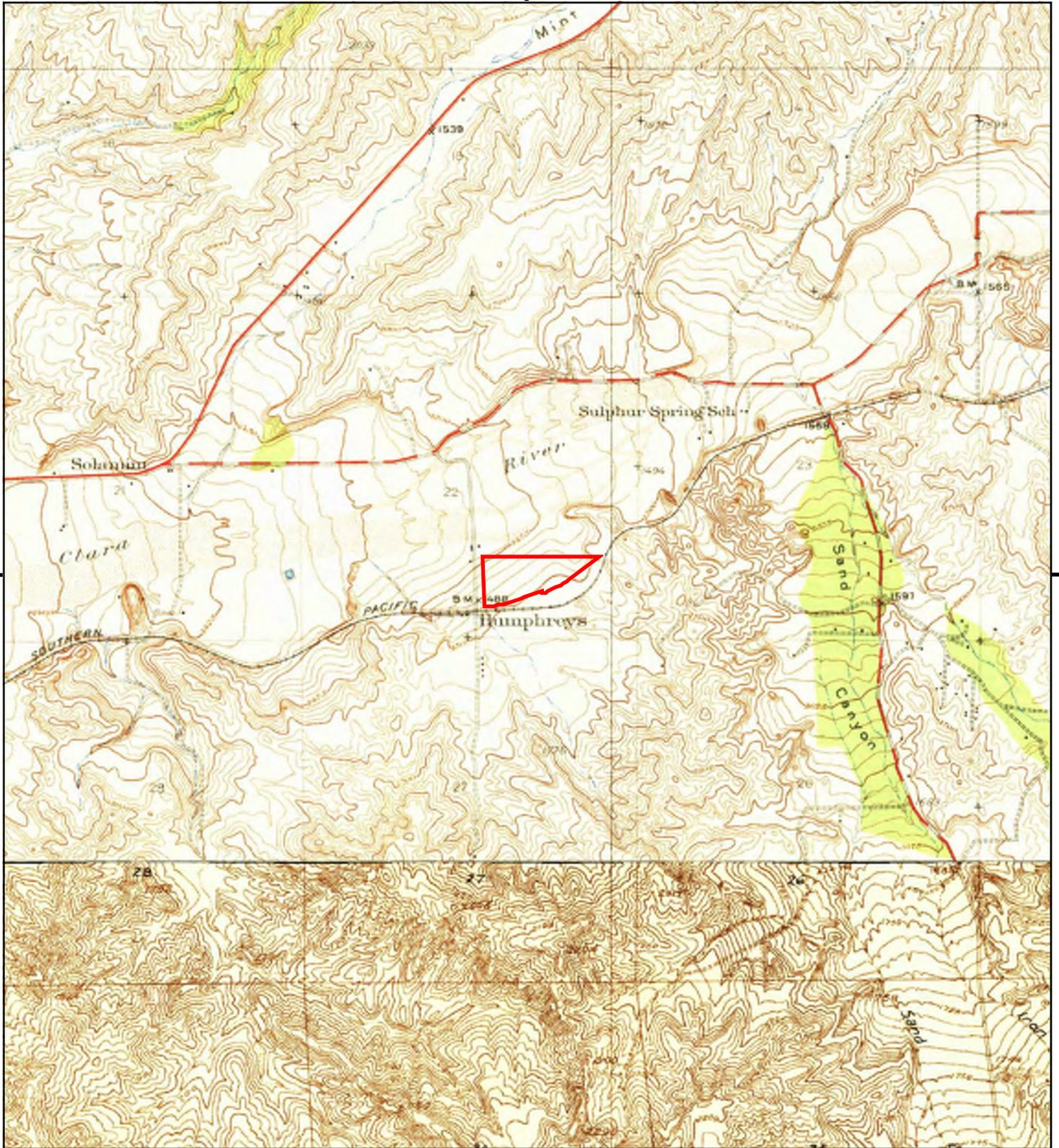
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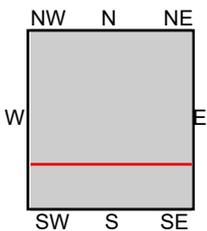
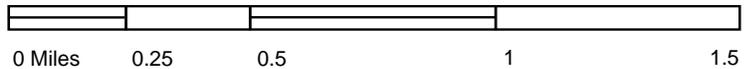
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 Canyon Country, CA 91387
 CLIENT: Stantec





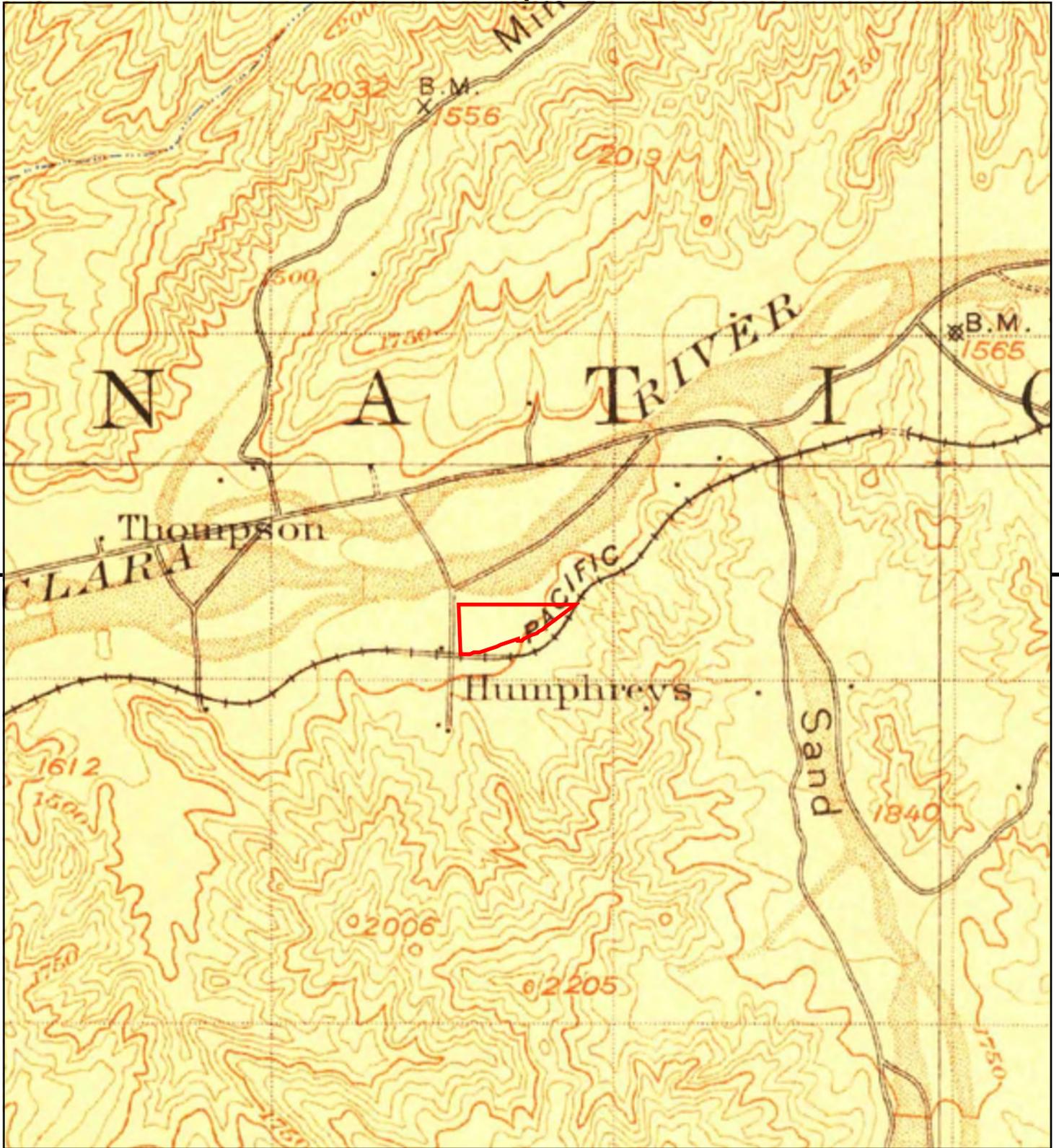
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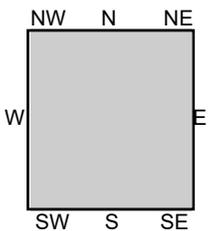
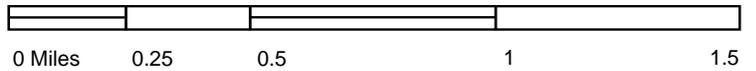
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S, Sylmar, 1929, 7.5-minute

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ADDRESS: Not Reported
Canyon Country, CA 91387
CLIENT: Stantec





This report includes information from the following map sheet(s).



TP, Fernando, 1900, 15-minute
 TP, San Fernando, 1900, 15-minute

SITE NAME: Not Reported
 ADDRESS: Not Reported
 Canyon Country, CA 91387
 CLIENT: Stantec



Revised Phase II Environmental Site Assessment

APN 2840-004-009
Santa Clarita, California
Stantec Project No: 185804463



Prepared for:
New Urban West, Inc.
1733 Ocean Avenue, Suite 350
Santa Monica, California 90401

Prepared by:
Stantec Consulting Services Inc.
735 E. Carnegie Drive, Suite 280
San Bernardino, California

June 29, 2020

Sign-off Sheet

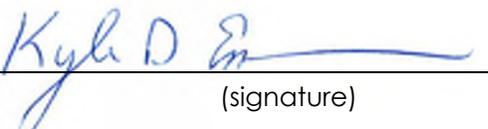
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Prepared by  _____
(signature)

Debbie Hernandez, Staff Geologist

Reviewed by  _____
(signature)

Jim DeWoody, Senior Scientist

Approved by  _____
(signature)

Kyle Emerson, Managing Principal Geologist, C.E.G. 1271

**REVISED PHASE II ENVIRONMENTAL
SITE ASSESSMENT**

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REVISED PHASE II ENVIRONMENTAL SITE ASSESSMENT

Executive Summary

Stantec Consulting Services Inc. (Stantec) perform a Phase II Environmental Site Assessment (ESA) for the property listed as APN 2840-004-009 in Santa Clarita, California (the "Property"). The Property consists of approximately 20.34 acres of undeveloped vacant land east of Lost Canyons Road in the City of Santa Clarita, California. According to the City of Santa Clarita Zoning Map, last updated November 2016, the Property is zoned as Business Park (BP). Surrounding Properties are a mix of residential Properties including current construction of residential units just north of the Property. A Property location map is illustrated on Figure 1. A Property map illustrating the main features and boring locations on the Property is provided as Figure 2.

The intent of this assessment was to evaluate the following recognized environmental conditions (RECs) and non-ASTM issues identified in the Phase I Environmental Site Assessment (ESA) dated June 13, 2019:

- **Adjacent Railroad Tracks.** Railroad tracks are located adjacent to the south. Herbicides are commonly applied to railroad alignments, and heavy metals associated with herbicidal application are commonly found in these areas. Due to the historical presence of the spur, Stantec recommends performing a Phase II subsurface investigation to sample and analyze shallow soil samples along this Property boundary for the presence of heavy metals to evaluate if they are present at concentrations above residential screening levels or hazardous waste disposal levels.
- **Historical Agricultural Use.** The Property was historically used for agricultural purposes between the 1940s and 1950s. Historical agricultural activities are considered a REC. Accordingly, Stantec recommends performing a Phase II subsurface investigation to sample and analyze shallow soil at the Property to evaluate whether residual pesticides or heavy metals associated with herbicide applications are present above regulatory screening levels, human health risk criteria or California hazardous waste levels. The need for sampling for these compounds given the intended use is for protection of construction workers during development of the building pads when exposed to dust. The second issue is the potential for off-Site removal of soil, which will require profiling by chemical analysis to determine the proper location for disposal.

Stantec also identified the following non-ASTM issues:

- **Historical Hog Farm.** Additionally, the Property was historically used for a hog farm. Due to the high concentrations of nitrates commonly found in manure, there is a concern that wash down water concentrated with nitrates may have impacted the subsurface beneath the Property. Improper fertilizer or manure disposal practices by the hog farm can affect soil at the Property. Stantec recommends performing a methane survey to evaluate potential impacts to the subsurface from hog farm operations and the

REVISED PHASE II ENVIRONMENTAL SITE ASSESSMENT

preparation of a soil management plan to deal with manure and potential buried carcasses.

The results of the Phase II subsurface investigation are discussed below.

A total of thirty (30) soil borings were advanced by a direct-push Geoprobe drill rig to a maximum depth of 5-feet below ground surface (bgs) across the 20 acre site. Eight (8) composite soil samples were collected at 1-foot bgs from approximately every three (3) boring locations as recommended by the Department of Toxic Substance Control's Interim guidance for Sampling Agricultural Properties (Third Revision). Eight (8) deeper composite soil samples were collected at 3-feet bgs, and four (4) composite soil samples were collected at 5-feet bgs. All samples were logged on a chain-of-custody (COC) form and placed in an ice-filled cooler for transport to the laboratory. The eight 1-foot samples were submitted to the laboratory and analyzed for lead and arsenic by EPA Method 6010B as well as organochloride pesticides (OCPs) by EPA Method 8081A. All other samples were placed on hold pending the analytical results of the shallow soil samples. Copies of the COC forms are included as Appendix A.

Soil Results

Thirty (30) soil samples were collected and composited down to eight (8) samples for laboratory analysis of OCP, arsenic, and lead. Three composite samples (A1A2B1B2-1; C1C2D1D2-1; and E1E2F1F2-1) reported detection of dieldrin at 0.0025; 0.0041; and 0.0028 milligrams per kilogram (mg/kg), respectively (Table 1). These concentrations are below the United States Environmental Protection Agency (US EPA) Regional Screening Level (RSL) for residential sites of 0.034 mg/kg.

Arsenic was reported in seven of the eight samples ranging between 1.0 and 1.8 mg/kg. These detections are above the United States Regional Screening Levels (US EPA RSLs) for residential sites of 0.68 mg/kg and the California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Note 3 of 0.41 mg/kg. However, arsenic is a naturally occurring component of soil and arsenic screening levels in soil are often below naturally occurring (background) concentrations within all of Southern California. These detections are well within the range of "background" concentrations for soils in Southern California. According to "Background Concentrations of Trace and Major Elements in California Soils, Kearney Foundation of Soil Science, University of California, 1996" arsenic is naturally occurring in Southern California between 0.6 and 11 mg/kg. DTSC HERO Note 6 advises that if arsenic "in soils does not exceed background, no further evaluation is necessary." Therefore, since arsenic concentrations in soils at the Site are within the background range for Southern California, DTSC does not consider these arsenic concentrations to be an unacceptable risk to future residential projects and no mitigation or further assessment is warranted.

Lead was reported in all of the eight samples collected at concentrations ranging from 2.0 to 11 mg/kg (Table 2). These detections are well below the most conservative DTSC HERO Note 3 screening level for residential sites of 80 mg/kg. Therefore, the metals associated with herbicide

REVISED PHASE II ENVIRONMENTAL SITE ASSESSMENT

use are not considered an environmental concern to the Site or commercial construction workers and no mitigation or further assessment is warranted.

Methane Assessment

Fifteen (15) soil vapor probes were installed throughout the property and assessed for methane. Methane (CH₄) was reported at 0.0% at all of the fifteen locations throughout the Property. Oxygen (O₂) in the probes ranged from 15.9% to 20.7%. Carbon monoxide (CO) levels ranged from 0.0% to 7%. Three locations (B4, C4, and F2), reported CO at 1% and G1 reported the highest percent of CO at 7% (Table 3).

CONCLUSIONS AND RECOMMENDATIONS

Based on the above results, Stantec concludes that the adjacent railroad tracks, historical agricultural use, and historical hog farm operations of the Property do not represent RECs or an unacceptable human health risk in light of the contemplated residential use of the Site and recommends no further investigation regarding this issue.

REVISED PHASE II ENVIRONMENTAL SITE ASSESSMENT

INTRODUCTION

June 29, 2020

1.0 INTRODUCTION

This report documents the methodology and results of a Phase II Environmental Site Assessment (ESA) investigation completed by Stantec Consulting Services Inc. (Stantec) for the property at listed as APN 2840-004-009 in Santa Clarita, California (Figure 1).

The work was conducted in accordance with Stantec's *Proposal for Phase II Environmental Site Assessment*, dated May 29, 2019. The scope of work and the results of the investigation are described in subsequent sections. The following subsections provide the site description and a summary of past operations.

1.1 PROPERTY DESCRIPTION AND OPERATIONS

The Property consists of approximately 20.34 acres of undeveloped vacant land east of Lost Canyons Road in the City of Santa Clarita, California. According to the City of Santa Clarita Zoning Map, last updated November 2016, the Property is zoned as Business Park (BP). Surrounding properties are a mix of residential properties including current construction of residential units just north of the Property. A Property location map is illustrated on Figure 1. A Property map illustrating the main features of the Property is provided as Figure 2.

1.2 PROPERTY GEOLOGY AND HYDROGEOLOGY

The Property is at an elevation of approximately 1,490 feet above mean sea level (msl). The Property topographic gradient is relatively flat with a slight downhill gradient towards the west (USGS Mint Canyon 7.5-minute map, 2012) on the western half of the Property. The topographic gradient on the eastern half of the Property is reported to flow to the south and southeast. Despite the flat topography of the immediate area, the surrounding topography is complex due to the various faults found including the San Gabriel Fault located approximately one mile to the southwest, the Soledad Fault located approximately two miles to the northeast.. As water flows over the surface, the majority of water is expected to travel to the west and infiltrates the ground surface.

The Property is located south of the Santa Clara river and within the Transverse Range Geomorphic Province. The area of the Property primarily consists of Quaternary alluvium characterized by alluvial gravel, sands and clays. The southern portion of the Property consists of the Mint Canyon Formation of Miocene age. The Formation is characterized by sedimentary deposits ranging from pebble-cobble conglomerate through sandstone to claystone (Dibblee, 1996).

REVISED PHASE II ENVIRONMENTAL SITE ASSESSMENT

BACKGROUND INFORMATION
June 29, 2020

2.0 BACKGROUND INFORMATION

In 2019, Stantec conducted a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of APN 2840-004-009, the Property. The assessment has revealed the following evidence of recognized environmental conditions in connection with the Property:

- **Adjacent Railroad Tracks.** Railroad tracks are located adjacent to the south. Herbicides are commonly applied to railroad alignments, and heavy metals associated with herbicidal application are commonly found in these areas. Due to the historical presence of the spur, Stantec recommends performing a Phase II subsurface investigation to sample and analyze shallow soil samples along this Property boundary for the presence of heavy metals to evaluate if they are present at concentrations above residential screening levels or hazardous waste disposal levels.
- **Historical Agricultural Use.** The Property was historically used for agricultural purposes between the 1940s and 1950s. Historical agricultural activities are considered a REC. Accordingly, Stantec recommends performing a Phase II subsurface investigation to sample and analyze shallow soil at the Property to evaluate whether residual pesticides or heavy metals associated with herbicide applications are present above regulatory screening levels, human health risk criteria or California hazardous waste levels. The need for sampling for these compounds given the intended use is for protection of construction workers during development of the building pads when exposed to dust. The second issue is the potential for off-Site removal of soil, which will require profiling by chemical analysis to determine the proper location for disposal.

Stantec also identified the following non-ASTM issues:

- **Historical Hog Farm.** Additionally, the Property was historically used for a hog farm. Due to the high concentrations of nitrates commonly found in manure, there is a concern that wash down water concentrated with nitrates may have impacted the subsurface beneath the Property. Improper fertilizer or manure disposal practices by the hog farm can affect soil at the Property. Stantec recommends performing a methane survey to evaluate potential impacts to the subsurface from hog farm operations and the preparation of a soil management plan to deal with manure and potential buried carcasses.

REVISED PHASE II ENVIRONMENTAL SITE ASSESSMENT

FIELD INVESTIGATION PROGRAM
June 29, 2020

3.0 FIELD INVESTIGATION PROGRAM

3.1 PRE-ASSESSMENT ACTIVITIES

The scope of work consisted of the following general elements:

Prior to the commencement of fieldwork activities, Stantec made the following preparations:

- As required by law, Stantec visited the Site to mark the proposed boring locations and acquire a current Underground Service Alert (USA) ticket number prior to commencement of Property drilling activities.
- In accordance with federal OSHA regulations (29 CFR, Section 1910.120), Stantec developed a site-specific Health and Safety Plan (HASP) for the subject property. All Stantec personnel and subcontractors associated with the project were required to be familiar with, and comply with, all provisions of the HASP.

3.2 FIELD INVESTIGATION

Stantec provided the services of a field geologist to supervise and direct all on-site activities. All soil sampling, soil vapor sampling, abandonment of soil vapor probes, and surface restoration, where applicable, was performed on June 7, 2019. All field work was performed under the supervision of a State of California registered professional geologist, and included the following activities:

Historical Agricultural Use:

- Eight (8) composite samples were collected from the 30 soil borings to assess the historical agricultural use. Composite soil samples were collected at 1-foot, 3-feet, AND 5-feet. The shallow samples were analyzed for organochlorine pesticides by EPA Method 8081A and arsenic/lead by EPA Method 6010B. The 3-feet and 5-feet soil samples were placed on hold pending results of the shallow soil sample.

Adjacent Former Railroad Spur:

- Four (4) of the 30 soil borings were advanced along the southern Property boundary to assess the adjacent former railroad spur. Soil samples were collected at 1-foot and 3-feet. The shallow samples were analyzed for organochlorine pesticides by EPA Method 8081A and arsenic/lead by EPA Method 6010B. The 3-feet soil samples were placed on hold pending results of the shallow soil sample.

Historical Hog Farm:

- Soil vapor probes were installed at 15 of the 30 soil boring locations at five (5) feet bgs and field screened for methane using a combustible gas meter.

REVISED PHASE II ENVIRONMENTAL SITE ASSESSMENT

FIELD INVESTIGATION PROGRAM
June 29, 2020

3.2.1 Soil Boring and Sampling Procedures

Soil Sampling

Prior to sampling, the Property was surveyed by a Geophysical third party (Pacific Coast Locators) for utility clearance. Soil boring locations were then advanced using the direct-push Geoprobe rig to a depth of approximately five (5) feet bgs and collecting 48-inch long by 1.25-inch inner diameter sampling cores equipped with acetate inserts. Upon advance of the sampler to the desired sampling depth interval, the steel rods were extracted from the boring and the sample acetate sleeves were removed. The drilling and sampling sequence was then repeated for the thirty (30) boring locations throughout the Property.

During the direct push activities and upon extracting the sampler at each depth interval, the soils were collected from the bottom portion of the acetate liner at approximately 1-foot, 3-foot, and 5-foot intervals.

Soil Vapor Probes were installed in fifteen (15) locations spread across the Property (see Figure 2 for probe locations). Soil vapor probes at these locations were also installed at 5-foot depth. All sample labeling included pertinent identification (boring number, sample depth, sample collection date, and sample collection time).

Eight (8) composite soil samples were collected at 1-foot bgs from approximately every three (3) boring locations as recommended by the Department of Toxic Substance Control's Interim guidance for Sampling Agricultural Properties (Third Revision). Eight (8) deeper composite soil samples were collected at 3-foot bgs, and four (4) composite soil samples were collected at 5-foot bgs. All samples were logged on a chain-of-custody (COC) form and placed in an ice-filled cooler for transport to the laboratory. The eight 1-foot samples were submitted to the laboratory and analyzed for lead and arsenic by EPA Method 6010B and organochloride pesticides (OCPs) by EPA Method 8081A. All other samples were placed on hold pending the analytical results of the first round of soil samples. Copies of the COC forms are included as Appendix A.

Methane Sampling

Temporary soil vapor sampling probes were installed at 5-foot bgs at 15 locations. Each of the sampling screens were connected to the ground surface via dedicated Nylaflow® nylon tubing. The annulus around the exposed probe tip was backfilled with a silica sand filter pack to an elevation of about six inches above the sampling screen. Above the filter pack, a 6 to 12-inch transition zone was constructed using dry bentonite granules. From that point to ground surface, hydrated bentonite granules were utilized to seal the annular space. At the surface, the exposed nylon tubing was capped with tight fitting plastic end-caps. The probes were allowed to equilibrate for the required 2 hours prior to sampling.

Following the 2-hour subsurface equilibration period, a GEM 5000 Landfill Gas Meter was used to collect field readings for methane (%) which is a generally accepted method by Los Angeles

REVISED PHASE II ENVIRONMENTAL SITE ASSESSMENT

LABORATORY TESTING PROGRAM
June 29, 2020

Building Code for combustible gas surveys. The GEM meter also provided readings of percent oxygen and carbon monoxide. Methane results are presented in Table 3.

3.3 DECONTAMINATION PROCEDURES

To maintain quality control during soil sampling, prior to each sampling interval, the sampling equipment was decontaminated in an Alconox scrub solution and double-rinsed, first with tap water followed by a final rinse using distilled water. In addition, prior to, and between each boring advanced, the hollow steel rods were cleaned following the same protocol.

4.0 LABORATORY TESTING PROGRAM

A total of twenty (20) composite soil samples collected during this investigation were delivered under COC to Advanced Technology Laboratories (ATL) based out of Signal Hill, California. All soil samples were collected in glass jars by the onsite staff geologist under the supervision of a State of California registered professional. Stantec staff and ATL are certified to perform hazardous waste testing by the State of California Department of Health Services, Environmental Laboratory Accreditation Program.

Of the samples submitted to the laboratory, eight (8) 1-foot composite soil samples were analyzed for lead and arsenic by EPA Method 6010B as well as organochloride pesticides by EPA Method 8081A. All other samples were placed on hold pending the analytical results of the shallow soil samples. Copies of the COC forms are included as Appendix A.

REVISED PHASE II ENVIRONMENTAL SITE ASSESSMENT

INVESTIGATION RESULTS
June 29, 2020

5.0 INVESTIGATION RESULTS

5.1 FIELD OBSERVATIONS

On June 7, 2019, Stantec personnel oversaw the advancement and sampling of thirty (30) soil borings at the Property. Subsurface conditions encountered during the investigation were variable with sand-silt mixtures from surface to 5-feet bgs. No staining or chemical odors were observed. Groundwater was not encountered in the borings advanced during this assessment.

5.2 ANALYTICAL RESULTS

The laboratory test results are discussed below. Laboratory test results are summarized in attached Tables 1 through 3. The complete laboratory analytical test results are presented on the laboratory data sheets attached as Appendix A.

Soil Results

Thirty (30) soil samples were collected and composited down to eight (8) samples for laboratory analysis of OCP, arsenic, and lead. Three composite samples (A1A2B1B2-1; C1C2D1D2-1; and E1E2F1F2-1) reported detection of dieldrin at 0.0025; 0.0041; and 0.0028 milligrams per kilogram (mg/kg), respectively (Table 1). These concentrations are below the United States Environmental Protection Agency (US EPA) Regional Screening Level (RSL) for residential sites of 0.034 mg/kg.

Arsenic was reported in seven of the eight samples ranging between 1.0 and 1.8 mg/kg. These detections are above the United States Regional Screening Levels (US EPA RSLs) for residential sites of 0.68 mg/kg and the California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Note 3 of 0.41 mg/kg. However, arsenic is a naturally occurring component of soil and arsenic screening levels in soil are often below naturally occurring (background) concentrations within all of Southern California. These detections are well within the range of "background" concentrations for soils in Southern California. According to "Background Concentrations of Trace and Major Elements in California Soils, Kearney Foundation of Soil Science, University of California, 1996" arsenic is naturally occurring in Southern California between 0.6 and 11 mg/kg. DTSC HERO Note 6 advises that if arsenic "in soils does not exceed background, no further evaluation is necessary." Therefore, since arsenic concentrations in soils at the Site are within the background range for Southern California, DTSC does not consider these arsenic concentrations to be an unacceptable risk to future residential projects and no mitigation or further assessment is warranted.

Lead was reported in all of the eight samples collected at concentrations ranging from 2.0 to 11 mg/kg (Table 2). These detections are well below the most conservative DTSC HERO Note 3 screening level for residential sites of 80 mg/kg. Therefore, the metals associated with herbicide

REVISED PHASE II ENVIRONMENTAL SITE ASSESSMENT

INVESTIGATION RESULTS
June 29, 2020

use are not considered an environmental concern to the Site or commercial construction workers and no mitigation or further assessment is warranted.

Methane Assessment

Fifteen (15) soil vapor probes were installed throughout the property and assessed for methane readings. Methane (CH₄) was reported at 0.0% at all of the fifteen locations throughout the Property. Oxygen (O₂) in the probes ranged from 15.9% to 20.7%. Carbon monoxide (CO) levels ranged from 0.0% to 7%. Three locations (B4, C4, and F2), reported CO at 1% and G1 reported the highest percent of CO at 7% (Table 3).

CONCLUSIONS AND RECOMMENDATIONS

Based on the above results, Stantec concludes that the adjacent railroad tracks, historical agricultural use, and historical hog farm operations of the Property do not represent RECs or an unacceptable human health risk in light of the contemplated residential use of the Site and recommends no further investigation regarding this issue.

REVISED PHASE II ENVIRONMENTAL SITE ASSESSMENT

LIMITATIONS
June 29, 2020

6.0 LIMITATIONS

The conclusions presented in this report are professional opinions based on data described in this report. The opinions of this report have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location and are subject to the following inherent limitations. Stantec makes no other warranty, either expressed or implied, concerning the conclusions and professional advice that is contained within the body of this report.

Inherent in most projects performed in a heterogeneous subsurface environment, continuing excavation and assessments may reveal findings that are different than those presented herein. This facet of the environmental profession should be considered when formulating professional opinions on the limited data collected on these projects.

This report has been issued with the clear understanding that it is the responsibility of the owner, or their representative, to make appropriate notifications to regulatory agencies. It is specifically not the responsibility of Stantec to conduct appropriate notifications as specified by current County and State regulations.

The information presented in this report is valid as of the date our exploration was performed. Property conditions may degrade with time; consequently, the findings presented herein are subject to change.

REVISED PHASE II ENVIRONMENTAL SITE ASSESSMENT

June 29, 2020

7.0 REFERENCES

California Geological Survey Earthquake Fault Zones and Seismic Hazard Zones, Mint Canyon 7.5 Minute Quadrangle

CDMG, 2003, Digital Images of Official Maps of Alquist-Priolo Earthquake Fault Zones of California, Central Coast Region

California Department of Toxic Substances Control (DTSC), Human and Ecological Risk Office (HERO), Human Health Risk Assessment Note 3, June 2018.

California Department of Water Resources, 2004, Coastal Plain of Orange County Groundwater Basin, Bulletin 118.

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

Department of Toxic Substances Control (DTSC), 2008, Interim Guidance for Sampling Agricultural Properties (Third Revision), August 7.

R.T. Franklin and Associates, 2007, Phase I Environmental Site Assessment, Vista Canyon Ranch – Cloyd Property Los Angeles County Assessor's Parcel Number 2840-004-009, Los Angeles California

Stantec Consulting Services, Inc., 2019, Phase I Environmental Site Assessment, June 13.

State Water Resources Control Board (SWRCB), 2019, Geotracker website, <http://geotracker.swrcb.ca.gov>.

United States Environmental Protection Agency (US EPA), Regional Screening Levels, Region 9, May 2019.

TABLES

Table 1
Summary of Soil Analytical Results - Pesticides
APN: 2840-004-009
Santa Clarita, California
Stantec Project No.: 185804463

Location	Depth ⁽¹⁾	Date	Pesticides (EPA Test Method 8081A)				
			4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Other OCPs
Screening Levels for residential soil (mg/Kg) ⁽²⁾			2.3	2.0	1.9	0.034	varies
Hazardous Waste Levels (mg/Kg)			1.0	1.0	1.0	8.0	varies
Typical Background Levels in California			NE	NE	NE	NE	NE
Samples							
I1I2I3I4-1	1.0	6/7/2019	<0.002	<0.002	<0.002	<0.002	<varies
B3B4B5C3-1	1.0	6/7/2019	<0.002	<0.002	<0.002	<0.002	<varies
A1A2B1B2-1	1.0	6/7/2019	<0.002	<0.002	<0.002	0.0025	<varies
A3A4A5-1	1.0	6/7/2019	<0.002	<0.002	<0.002	<0.002	<varies
C1C2D1D2-1	1.0	6/7/2019	<0.002	<0.002	<0.002	0.0041	<varies
C4D3D4E3-1	1.0	6/7/2019	<0.002	<0.002	<0.002	<0.002	<varies
E1E2F1F2-1	1.0	6/7/2019	<0.002	<0.002	<0.002	0.0028	<varies
G1G2G1-1	1.0	6/7/2019	<0.002	<0.002	<0.002	<0.002	<varies

NOTES:

(1) Sample depth is reported as feet below ground surface

(2) Screening level value is determined by the more conservative value from the California DTSC HERO Note 3 or USEPA RSLs.

All concentrations reported in milligrams of metal per kilogram of soil (mg/kg)

< - Indicates the concentration was not detected above the laboratory method reporting limit.

BOLD - Indicates the concentration is above the laboratory reporting level



Concentration exceeds USEPA RLS

Concentration exceeds Southern California regional background levels

ABBREVIATIONS:

DTSC - Department of Toxic Substances Control

HERO - Human and Ecological Risk Office

NE - Not established

USEPA RSL - United States Environmental Protection Agency Regional Screening Levels, residential use

Table 2
Summary of Soil Analytical Results - Lead & Arsenic
APN: 2840-004-009
Santa Clarita, California
Stantec Project No.: 185804463

Sample ID ⁽¹⁾	Sampling Date	Sampling Depth (ft)	Metals (mg/kg)	
			EPA 6010B ⁽²⁾	
			Arsenic	Lead
USEPA RSLs (mg/kg) - Residential			0.68	400
USEPA RSLs (mg/kg) - Commercial			3.0	800
DTSC HERO NOTE 3 - Residential (mg/kg)			0.41	80
California Background Levels (mg/kg)			0.6-11.0	12.4 - 97.1
<i>Samples</i>				
I1I2I3I4-1	6/7/2019	1.0	1.3	2.2
B3B4B5C3-1	6/7/2019	1.0	1.8	3.9
A1A2B1B2-1	6/7/2019	1.0	1.7	5.2
A3A4A5-1	6/7/2019	1.0	1.1	2.7
C1C2D1D2-1	6/7/2019	1.0	1.0	2.0
C4D3D4E3-1	6/7/2019	1.0	1.4	11
E1E2F1F2-1	6/7/2019	1.0	<1.0	3.3
G1G2G1-1	6/7/2019	1.0	1.6	3.0

NOTES:

(1) Refer to Figure 2 for sampling locations

(2) Concentrations reported in milligrams per kilogram (mg/kg), EPA Test Method 6010B

< - Indicates the concentration was not detected above the laboratory method reporting limit.

ABBREVIATIONS:

USEPA RSLs - United States Environmental Protection Agency Regional Screening Levels (May 2020)

DTSC HERO - California Department of Toxic Substance Control Human and Ecological Risk Office Note 3

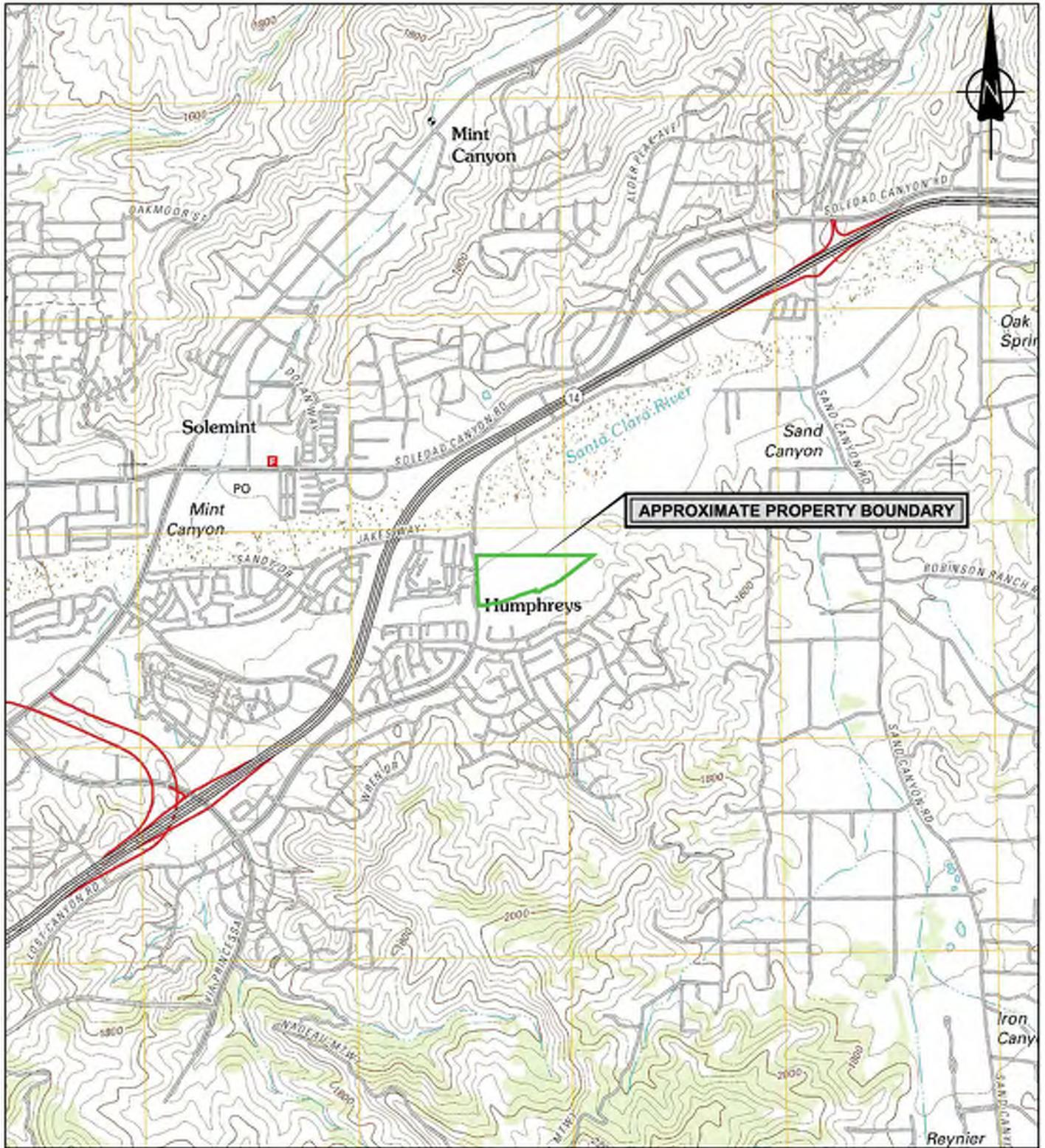
BOLD - Indicates the concentration is above the laboratory reporting level

 Concentration exceeds Southern California regional background levels

Table 3
Methane Field Measures - Gem 5000
APN: 2840-004-009
Santa Clarita, California
Stantec Project No.: 185804463

Sample ID	Depth	Sampling Date	Time	Methane (percent)	Biogenic Gases			
					H ₂ S (percent)	CO (percent)	O ₂ (percent)	Balance Gas (percent)
A1	5	6/7/2019	1145	0%	0%	0%	15.9%	81.4%
A3	5	6/7/2019	1155	0%	0%	0%	20.4%	79.5%
A4	5	6/7/2019	1200	0%	0%	0%	19.3%	79.6%
A5	5	6/7/2019	1215	0%	0%	0%	18.9%	79.9%
B2	5	6/7/2019	1230	0%	0%	0%	19.7%	79.5%
B4	5	6/7/2019	1245	0%	0%	1%	19.4%	79.7%
C1	5	6/7/2019	1255	0%	0%	0%	19.6%	79.5%
C3	5	6/7/2019	1305	0%	0%	0%	19.9%	79.5%
C4	5	6/7/2019	1320	0%	0%	1%	19.9%	79.5%
D1	5	6/7/2019	1335	0%	0%	0%	20.2%	79.5%
D3	5	6/7/2019	1350	0%	0%	0%	19.7%	79.5%
E1	5	6/7/2019	1400	0%	0%	0%	20.2%	79.5%
E3	5	6/7/2019	1415	0%	0%	0%	20.3%	79.4%
F2	5	6/7/2019	1445	0%	0%	1%	19.3%	79.2%
G1	5	6/7/2019	1450	0%	0%	7%	20.7%	79.1%

FIGURES



NOTE: THIS DRAWING ILLUSTRATES SUPPORTING INFORMATION SPECIFIC TO A STANTEC CONSULTING SERVICES REPORT AND MUST NOT BE USED FOR OTHER PURPOSES.

PROPERTY LOCATION MAP

PHASE II ESA

APN 2840-004-009, SANTA CLARITA, CA

Project No.: 185802669
 Scale: AS SHOWN
 Date: 19/06/10
 Dwn. By: CD DM SC2019050030
 App'd By: KE

Fig. No.:

1

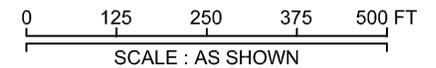


Client: NEW URBAN WEST, INC.



LEGEND

- 15x SVP SAMPLES @ 1, 3, 5'
- 11x SOIL SAMPLES @ 1, 3'
- 4x SOIL SAMPLES @ 1, 3'



NOTE: THIS DRAWING ILLUSTRATES SUPPORTING INFORMATION SPECIFIC TO A STANTEC CONSULTING SERVICES REPORT AND MUST NOT BE USED FOR OTHER PURPOSES.

PROPERTY MAP WITH SOIL BORING LOCATIONS

PHASE II ESA

APN 2840-004-009, SANTA CLARITA, CA

Client:

NEW URBAN WEST, INC.

Project No.:	185804463
Scale:	AS SHOWN
Date:	19/06/11
Dwn. By:	CD <small>DM</small> <small>SC2019060014</small>
App'd By:	KE

Fig. No.:

2



APPENDIX A
LABORATORY DATA SHEETS AND QA/QC RESULTS



June 10, 2019

Jim Dewoody
Stantec
735 E. Carnegie Drive, Suite 280
San Bernardino, CA 92408
Tel: (909) 335-6116
Fax:(909) 335-6120

ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003

Re: ATL Work Order Number : 1902277
Client Reference : 185804463, Santa Clarita

Enclosed are the results for sample(s) received on June 07, 2019 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

A handwritten signature in black ink, appearing to read "Edgar Caballero". Below the signature, the word "for" is written in a smaller, cursive script.

Edgar Caballero
President & Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. Test results contained within this data package meet the requirements of applicable state-specific certification programs. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

*3275 Walnut Avenue, Signal Hill, CA 90755 • Tel: 562-989-4045 • Fax: 562-989-4040
www.atlglobal.com*



Certificate of Analysis

Stantec
735 E. Carnegie Drive, Suite 280
San Bernardino, CA 92408

Project Number : 185804463, Santa Clarita
Report To : Jim Dewoody
Reported : 06/10/2019

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
I1I2I3I4-1	1902277-01	Soil	6/07/19 13:58	6/07/19 16:29
B3B4B5C3-1	1902277-03	Soil	6/07/19 14:35	6/07/19 16:29
A1A2B1B2-1	1902277-05	Soil	6/07/19 14:52	6/07/19 16:29
A3A4A5-1	1902277-07	Soil	6/07/19 14:52	6/07/19 16:29
C1C2D1D2-1	1902277-09	Soil	6/07/19 14:55	6/07/19 16:29
C4D3D4E3-1	1902277-11	Soil	6/07/19 14:45	6/07/19 16:29
E1E2F1F2-1	1902277-13	Soil	6/07/19 14:49	6/07/19 16:29
G1G2H1-1	1902277-15	Soil	6/07/19 14:51	6/07/19 16:29



Certificate of Analysis

Stantec
 735 E. Carnegie Drive, Suite 280
 San Bernardino, CA 92408

Project Number : 185804463, Santa Clarita
 Report To : Jim Dewoody
 Reported : 06/10/2019

Client Sample ID I1I2I3I4-1

Lab ID: 1902277-01

Total Metals by ICP-AES EPA 6010B

Analyst: GO

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	1.3	1.0	1	B9F0221	06/10/2019	06/10/19 14:50	
Lead	2.2	1.0	1	B9F0221	06/10/2019	06/10/19 14:50	

Organochlorine Pesticides by EPA 8081

Analyst: KD

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:07	
4,4'-DDE	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:07	
4,4'-DDT	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:07	
Aldrin	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:07	
alpha-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:07	
alpha-Chlordane	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:07	
beta-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:07	
Chlordane	ND	8.5	1	B9F0214	06/09/2019	06/10/19 10:07	
delta-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:07	
Dieldrin [2C]	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:07	
Endosulfan I	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:07	
Endosulfan II	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:07	
Endosulfan sulfate	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:07	
Endrin	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:07	
Endrin aldehyde	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:07	
Endrin ketone	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:07	
gamma-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:07	
gamma-Chlordane	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:07	
Heptachlor	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:07	
Heptachlor epoxide	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:07	
Methoxychlor	ND	5.0	1	B9F0214	06/09/2019	06/10/19 10:07	
Toxaphene	ND	50	1	B9F0214	06/09/2019	06/10/19 10:07	
Surrogate: Decachlorobiphenyl	38.6 %	32 - 91		B9F0214	06/09/2019	06/10/19 10:07	
Surrogate: Tetrachloro-m-xylene	53.5 %	38 - 93		B9F0214	06/09/2019	06/10/19 10:07	



Certificate of Analysis

Stantec
 735 E. Carnegie Drive, Suite 280
 San Bernardino, CA 92408

Project Number : 185804463, Santa Clarita

Report To : Jim Dewoody

Reported : 06/10/2019

Client Sample ID B3B4B5C3-1

Lab ID: 1902277-03

Total Metals by ICP-AES EPA 6010B

Analyst: GO

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	1.8	1.0	1	B9F0221	06/10/2019	06/10/19 14:54	
Lead	3.9	1.0	1	B9F0221	06/10/2019	06/10/19 14:54	

Organochlorine Pesticides by EPA 8081

Analyst: KD

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:17	
4,4'-DDE	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:17	
4,4'-DDT	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:17	
Aldrin	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:17	
alpha-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:17	
alpha-Chlordane	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:17	
beta-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:17	
Chlordane	ND	8.5	1	B9F0214	06/09/2019	06/10/19 10:17	
delta-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:17	
Dieldrin	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:17	
Endosulfan I	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:17	
Endosulfan II	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:17	
Endosulfan sulfate	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:17	
Endrin	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:17	
Endrin aldehyde	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:17	
Endrin ketone	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:17	
gamma-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:17	
gamma-Chlordane	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:17	
Heptachlor	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:17	
Heptachlor epoxide	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:17	
Methoxychlor	ND	5.0	1	B9F0214	06/09/2019	06/10/19 10:17	
Toxaphene	ND	50	1	B9F0214	06/09/2019	06/10/19 10:17	
Surrogate: Decachlorobiphenyl	38.8 %	32 - 91		B9F0214	06/09/2019	06/10/19 10:17	
Surrogate: Tetrachloro-m-xylene	55.8 %	38 - 93		B9F0214	06/09/2019	06/10/19 10:17	



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Project Number : 185804463, Santa Clarita

Report To : Jim Dewoody

Reported : 06/10/2019

Client Sample ID A1A2B1B2-1

Lab ID: 1902277-05

Total Metals by ICP-AES EPA 6010B

Analyst: GO

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	1.7	1.0	1	B9F0221	06/10/2019	06/10/19 14:55	
Lead	5.2	1.0	1	B9F0221	06/10/2019	06/10/19 14:55	

Organochlorine Pesticides by EPA 8081

Analyst: KD

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:28	
4,4'-DDE	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:28	
4,4'-DDT [2C]	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:28	
Aldrin	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:28	
alpha-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:28	
alpha-Chlordane	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:28	
beta-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:28	
Chlordane	ND	8.5	1	B9F0214	06/09/2019	06/10/19 10:28	
delta-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:28	
Dieldrin	2.5	2.0	1	B9F0214	06/09/2019	06/10/19 10:28	
Endosulfan I	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:28	
Endosulfan II	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:28	
Endosulfan sulfate	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:28	
Endrin	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:28	
Endrin aldehyde	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:28	
Endrin ketone	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:28	
gamma-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:28	
gamma-Chlordane	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:28	
Heptachlor	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:28	
Heptachlor epoxide	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:28	
Methoxychlor	ND	5.0	1	B9F0214	06/09/2019	06/10/19 10:28	
Toxaphene	ND	50	1	B9F0214	06/09/2019	06/10/19 10:28	
<i>Surrogate: Decachlorobiphenyl</i>	<i>42.2 %</i>	<i>32 - 91</i>		B9F0214	06/09/2019	<i>06/10/19 10:28</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>60.8 %</i>	<i>38 - 93</i>		B9F0214	06/09/2019	<i>06/10/19 10:28</i>	



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Project Number : 185804463, Santa Clarita

Report To : Jim Dewoody

Reported : 06/10/2019

Client Sample ID A3A4A5-1

Lab ID: 1902277-07

Total Metals by ICP-AES EPA 6010B

Analyst: GO

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	1.1	1.0	1	B9F0221	06/10/2019	06/10/19 14:56	
Lead	2.7	1.0	1	B9F0221	06/10/2019	06/10/19 14:56	

Organochlorine Pesticides by EPA 8081

Analyst: KD

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:38	
4,4'-DDE	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:38	
4,4'-DDT	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:38	
Aldrin	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:38	
alpha-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:38	
alpha-Chlordane	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:38	
beta-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:38	
Chlordane	ND	8.5	1	B9F0214	06/09/2019	06/10/19 10:38	
delta-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:38	
Dieldrin	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:38	
Endosulfan I	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:38	
Endosulfan II	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:38	
Endosulfan sulfate	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:38	
Endrin	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:38	
Endrin aldehyde	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:38	
Endrin ketone	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:38	
gamma-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:38	
gamma-Chlordane	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:38	
Heptachlor	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:38	
Heptachlor epoxide	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:38	
Methoxychlor	ND	5.0	1	B9F0214	06/09/2019	06/10/19 10:38	
Toxaphene	ND	50	1	B9F0214	06/09/2019	06/10/19 10:38	
Surrogate: Decachlorobiphenyl	41.5 %	32 - 91		B9F0214	06/09/2019	06/10/19 10:38	
Surrogate: Tetrachloro-m-xylene	58.6 %	38 - 93		B9F0214	06/09/2019	06/10/19 10:38	



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Project Number : 185804463, Santa Clarita

Report To : Jim Dewoody

Reported : 06/10/2019

Client Sample ID C1C2D1D2-1

Lab ID: 1902277-09

Total Metals by ICP-AES EPA 6010B

Analyst: GO

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	1.0	1.0	1	B9F0221	06/10/2019	06/10/19 14:57	
Lead	2.0	1.0	1	B9F0221	06/10/2019	06/10/19 14:57	

Organochlorine Pesticides by EPA 8081

Analyst: KD

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:49	
4,4'-DDE	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:49	
4,4'-DDT	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:49	
Aldrin	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:49	
alpha-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:49	
alpha-Chlordane	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:49	
beta-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:49	
Chlordane	ND	8.5	1	B9F0214	06/09/2019	06/10/19 10:49	
delta-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:49	
Dieldrin	4.1	2.0	1	B9F0214	06/09/2019	06/10/19 10:49	
Endosulfan I	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:49	
Endosulfan II	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:49	
Endosulfan sulfate	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:49	
Endrin	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:49	
Endrin aldehyde	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:49	
Endrin ketone	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:49	
gamma-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:49	
gamma-Chlordane	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:49	
Heptachlor	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:49	
Heptachlor epoxide	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:49	
Methoxychlor	ND	5.0	1	B9F0214	06/09/2019	06/10/19 10:49	
Toxaphene	ND	50	1	B9F0214	06/09/2019	06/10/19 10:49	
<i>Surrogate: Decachlorobiphenyl</i>	<i>37.0 %</i>	<i>32 - 91</i>		B9F0214	06/09/2019	<i>06/10/19 10:49</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>49.5 %</i>	<i>38 - 93</i>		B9F0214	06/09/2019	<i>06/10/19 10:49</i>	



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Stantec
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Project Number : 185804463, Santa Clarita

Report To : Jim Dewoody

Reported : 06/10/2019

Client Sample ID C4D3D4E3-1

Lab ID: 1902277-11

Total Metals by ICP-AES EPA 6010B

Analyst: GO

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	1.4	1.0	1	B9F0221	06/10/2019	06/10/19 14:59	
Lead	11	1.0	1	B9F0221	06/10/2019	06/10/19 14:59	

Organochlorine Pesticides by EPA 8081

Analyst: KD

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:59	
4,4'-DDE	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:59	
4,4'-DDT	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:59	
Aldrin	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:59	
alpha-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:59	
alpha-Chlordane	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:59	
beta-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:59	
Chlordane	ND	8.5	1	B9F0214	06/09/2019	06/10/19 10:59	
delta-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:59	
Dieldrin	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:59	
Endosulfan I	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:59	
Endosulfan II	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:59	
Endosulfan sulfate	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:59	
Endrin	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:59	
Endrin aldehyde	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:59	
Endrin ketone	ND	2.0	1	B9F0214	06/09/2019	06/10/19 10:59	
gamma-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:59	
gamma-Chlordane	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:59	
Heptachlor	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:59	
Heptachlor epoxide	ND	1.0	1	B9F0214	06/09/2019	06/10/19 10:59	
Methoxychlor	ND	5.0	1	B9F0214	06/09/2019	06/10/19 10:59	
Toxaphene	ND	50	1	B9F0214	06/09/2019	06/10/19 10:59	
Surrogate: Decachlorobiphenyl	46.8 %	32 - 91		B9F0214	06/09/2019	06/10/19 10:59	
Surrogate: Tetrachloro-m-xylene	64.6 %	38 - 93		B9F0214	06/09/2019	06/10/19 10:59	



Certificate of Analysis

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Project Number : 185804463, Santa Clarita
 Report To : Jim Dewoody
 Reported : 06/10/2019

Client Sample ID E1E2F1F2-1

Lab ID: 1902277-13

Total Metals by ICP-AES EPA 6010B

Analyst: GO

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	ND	1.0	1	B9F0221	06/10/2019	06/10/19 15:00	
Lead	3.3	1.0	1	B9F0221	06/10/2019	06/10/19 15:00	

Organochlorine Pesticides by EPA 8081

Analyst: KD

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B9F0214	06/09/2019	06/10/19 11:10	
4,4'-DDE	ND	2.0	1	B9F0214	06/09/2019	06/10/19 11:10	
4,4'-DDT	ND	2.0	1	B9F0214	06/09/2019	06/10/19 11:10	
Aldrin	ND	1.0	1	B9F0214	06/09/2019	06/10/19 11:10	
alpha-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 11:10	
alpha-Chlordane	ND	1.0	1	B9F0214	06/09/2019	06/10/19 11:10	
beta-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 11:10	
Chlordane	ND	8.5	1	B9F0214	06/09/2019	06/10/19 11:10	
delta-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 11:10	
Dieldrin	2.8	2.0	1	B9F0214	06/09/2019	06/10/19 11:10	
Endosulfan I	ND	1.0	1	B9F0214	06/09/2019	06/10/19 11:10	
Endosulfan II	ND	2.0	1	B9F0214	06/09/2019	06/10/19 11:10	
Endosulfan sulfate	ND	2.0	1	B9F0214	06/09/2019	06/10/19 11:10	
Endrin	ND	2.0	1	B9F0214	06/09/2019	06/10/19 11:10	
Endrin aldehyde	ND	2.0	1	B9F0214	06/09/2019	06/10/19 11:10	
Endrin ketone	ND	2.0	1	B9F0214	06/09/2019	06/10/19 11:10	
gamma-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 11:10	
gamma-Chlordane	ND	1.0	1	B9F0214	06/09/2019	06/10/19 11:10	
Heptachlor	ND	1.0	1	B9F0214	06/09/2019	06/10/19 11:10	
Heptachlor epoxide	ND	1.0	1	B9F0214	06/09/2019	06/10/19 11:10	
Methoxychlor	ND	5.0	1	B9F0214	06/09/2019	06/10/19 11:10	
Toxaphene	ND	50	1	B9F0214	06/09/2019	06/10/19 11:10	
<i>Surrogate: Decachlorobiphenyl</i>	<i>48.8 %</i>	<i>32 - 91</i>		B9F0214	06/09/2019	<i>06/10/19 11:10</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>64.0 %</i>	<i>38 - 93</i>		B9F0214	06/09/2019	<i>06/10/19 11:10</i>	



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Project Number : 185804463, Santa Clarita
 Report To : Jim Dewoody
 Reported : 06/10/2019

Client Sample ID G1G2H1-1
Lab ID: 1902277-15

Total Metals by ICP-AES EPA 6010B

Analyst: GO

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	1.6	1.0	1	B9F0221	06/10/2019	06/10/19 15:01	
Lead	3.0	1.0	1	B9F0221	06/10/2019	06/10/19 15:01	

Organochlorine Pesticides by EPA 8081

Analyst: KD

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B9F0214	06/09/2019	06/10/19 11:20	
4,4'-DDE	ND	2.0	1	B9F0214	06/09/2019	06/10/19 11:20	
4,4'-DDT	ND	2.0	1	B9F0214	06/09/2019	06/10/19 11:20	
Aldrin	ND	1.0	1	B9F0214	06/09/2019	06/10/19 11:20	
alpha-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 11:20	
alpha-Chlordane	ND	1.0	1	B9F0214	06/09/2019	06/10/19 11:20	
beta-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 11:20	
Chlordane	ND	8.5	1	B9F0214	06/09/2019	06/10/19 11:20	
delta-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 11:20	
Dieldrin	ND	2.0	1	B9F0214	06/09/2019	06/10/19 11:20	
Endosulfan I	ND	1.0	1	B9F0214	06/09/2019	06/10/19 11:20	
Endosulfan II	ND	2.0	1	B9F0214	06/09/2019	06/10/19 11:20	
Endosulfan sulfate	ND	2.0	1	B9F0214	06/09/2019	06/10/19 11:20	
Endrin	ND	2.0	1	B9F0214	06/09/2019	06/10/19 11:20	
Endrin aldehyde	ND	2.0	1	B9F0214	06/09/2019	06/10/19 11:20	
Endrin ketone	ND	2.0	1	B9F0214	06/09/2019	06/10/19 11:20	
gamma-BHC	ND	1.0	1	B9F0214	06/09/2019	06/10/19 11:20	
gamma-Chlordane	ND	1.0	1	B9F0214	06/09/2019	06/10/19 11:20	
Heptachlor	ND	1.0	1	B9F0214	06/09/2019	06/10/19 11:20	
Heptachlor epoxide	ND	1.0	1	B9F0214	06/09/2019	06/10/19 11:20	
Methoxychlor	ND	5.0	1	B9F0214	06/09/2019	06/10/19 11:20	
Toxaphene	ND	50	1	B9F0214	06/09/2019	06/10/19 11:20	
Surrogate: Decachlorobiphenyl	44.3 %	32 - 91		B9F0214	06/09/2019	06/10/19 11:20	
Surrogate: Tetrachloro-m-xylene	65.0 %	38 - 93		B9F0214	06/09/2019	06/10/19 11:20	



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QUALITY CONTROL SECTION

Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B9F0221 - EPA 3050B_S

Blank (B9F0221-BLK1)

Prepared: 6/10/2019 Analyzed: 6/10/2019

Arsenic	ND	1.0	0.12						
Lead	ND	1.0	0.18						

LCS (B9F0221-BS1)

Prepared: 6/10/2019 Analyzed: 6/10/2019

Arsenic	41.3373	1.0	0.12	50.0000		82.7	80 - 120		
Lead	40.7014	1.0	0.18	50.0000		81.4	80 - 120		

Matrix Spike (B9F0221-MS1)

Source: 1902277-01

Prepared: 6/10/2019 Analyzed: 6/10/2019

Arsenic	88.6749	1.0	0.12	125.628	1.28279	69.6	49 - 96		
Lead	82.4586	1.0	0.18	125.628	2.16515	63.9	29 - 126		

Matrix Spike Dup (B9F0221-MSD1)

Source: 1902277-01

Prepared: 6/10/2019 Analyzed: 6/10/2019

Arsenic	85.7396	1.0	0.12	125.000	1.28279	67.6	49 - 96	3.37	20
Lead	79.6425	1.0	0.18	125.000	2.16515	62.0	29 - 126	3.47	20



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Organochlorine Pesticides by EPA 8081 - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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Batch B9F0214 - GCSEMI_PCB/PEST_S

Blank (B9F0214-BLK1)

Prepared: 6/9/2019 Analyzed: 6/10/2019

4,4'-DDD	ND	2.0	0.07							
4,4'-DDD [2C]	ND	2.0	0.07							
4,4'-DDE	ND	2.0	0.11							
4,4'-DDE [2C]	ND	2.0	0.11							
4,4'-DDT	ND	2.0	0.10							
4,4'-DDT [2C]	ND	2.0	0.10							
Aldrin	ND	1.0	0.12							
Aldrin [2C]	ND	1.0	0.12							
alpha-BHC	ND	1.0	0.11							
alpha-BHC [2C]	ND	1.0	0.11							
alpha-Chlordane	ND	1.0	0.12							
alpha-Chlordane [2C]	ND	1.0	0.12							
beta-BHC	ND	1.0	0.06							
beta-BHC [2C]	ND	1.0	0.06							
Chlordane	ND	8.5	1.1							
Chlordane [2C]	ND	8.5	1.1							
delta-BHC	ND	1.0	0.12							
delta-BHC [2C]	ND	1.0	0.12							
Dieldrin	ND	2.0	0.26							
Dieldrin [2C]	ND	2.0	0.26							
Endosulfan I	ND	1.0	0.10							
Endosulfan I [2C]	ND	1.0	0.10							
Endosulfan II	ND	2.0	0.15							
Endosulfan II [2C]	ND	2.0	0.15							
Endosulfan sulfate	ND	2.0	0.16							
Endosulfan Sulfate [2C]	ND	2.0	0.16							
Endrin	ND	2.0	0.14							
Endrin [2C]	ND	2.0	0.14							
Endrin aldehyde	ND	2.0	0.31							
Endrin aldehyde [2C]	ND	2.0	0.31							
Endrin ketone	ND	2.0	0.13							
Endrin ketone [2C]	ND	2.0	0.13							
gamma-BHC	ND	1.0	0.10							
gamma-BHC [2C]	ND	1.0	0.10							
gamma-Chlordane	ND	1.0	0.89							
gamma-Chlordane [2C]	ND	1.0	0.89							
Heptachlor	ND	1.0	0.12							
Heptachlor [2C]	ND	1.0	0.12							
Heptachlor epoxide	ND	1.0	0.09							
Heptachlor epoxide [2C]	ND	1.0	0.09							
Methoxychlor	ND	5.0	0.18							



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B9F0214 - GCSEMI_PCB/PEST_S (continued)

Blank (B9F0214-BLK1) - Continued

Prepared: 6/9/2019 Analyzed: 6/10/2019

Methoxychlor [2C]	ND	5.0	0.18						
Toxaphene	ND	50	4.7						
Toxaphene [2C]	ND	50	4.7						

<i>Surrogate: Decachlorobiphenyl</i>	<i>12.35</i>			<i>16.6667</i>		<i>74.1</i>	<i>32 - 91</i>		
<i>Surrogate: Decachlorobiphenyl [</i>	<i>12.24</i>			<i>16.6667</i>		<i>73.4</i>	<i>32 - 91</i>		
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>13.94</i>			<i>16.6667</i>		<i>83.7</i>	<i>38 - 93</i>		
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>13.42</i>			<i>16.6667</i>		<i>80.5</i>	<i>38 - 93</i>		

LCS (B9F0214-BS1)

Prepared: 6/9/2019 Analyzed: 6/10/2019

4,4'-DDD	13.5905	2.0	0.07	16.6667		81.5	66 - 112		
4,4'-DDD [2C]	11.4603	2.0	0.07	16.6667		68.8	66 - 112		
4,4'-DDE	13.5487	2.0	0.11	16.6667		81.3	62 - 112		
4,4'-DDE [2C]	12.9883	2.0	0.11	16.6667		77.9	62 - 112		
4,4'-DDT	14.0097	2.0	0.10	16.6667		84.1	48 - 90		
4,4'-DDT [2C]	14.9605	2.0	0.10	16.6667		89.8	48 - 90		
Aldrin	13.3172	1.0	0.12	16.6667		79.9	58 - 104		
Aldrin [2C]	13.0427	1.0	0.12	16.6667		78.3	58 - 104		
alpha-BHC	12.2622	1.0	0.11	16.6667		73.6	57 - 105		
alpha-BHC [2C]	13.3457	1.0	0.11	16.6667		80.1	57 - 105		
alpha-Chlordane	13.1665	1.0	0.12	16.6667		79.0	62 - 108		
alpha-Chlordane [2C]	12.5575	1.0	0.12	16.6667		75.3	62 - 108		
beta-BHC	14.3383	1.0	0.06	16.6667		86.0	59 - 106		
beta-BHC [2C]	14.2962	1.0	0.06	16.6667		85.8	59 - 106		
delta-BHC	10.7843	1.0	0.12	16.6667		64.7	63 - 115		
delta-BHC [2C]	10.7617	1.0	0.12	16.6667		64.6	63 - 115		
Dieldrin	13.5627	2.0	0.26	16.6667		81.4	59 - 102		
Dieldrin [2C]	12.1345	2.0	0.26	16.6667		72.8	59 - 102		
Endosulfan I	11.8200	1.0	0.10	16.6667		70.9	61 - 99		
Endosulfan I [2C]	11.9417	1.0	0.10	16.6667		71.7	61 - 99		
Endosulfan II	12.8645	2.0	0.15	16.6667		77.2	65 - 105		
Endosulfan II [2C]	12.4265	2.0	0.15	16.6667		74.6	65 - 105		
Endosulfan sulfate	11.6365	2.0	0.16	16.6667		69.8	59 - 107		
Endosulfan Sulfate [2C]	11.2602	2.0	0.16	16.6667		67.6	59 - 107		
Endrin	14.8052	2.0	0.14	16.6667		88.8	65 - 113		
Endrin [2C]	12.8887	2.0	0.14	16.6667		77.3	65 - 113		
Endrin aldehyde	12.2907	2.0	0.31	16.6667		73.7	61 - 109		
Endrin aldehyde [2C]	10.7210	2.0	0.31	16.6667		64.3	61 - 109		
Endrin ketone	13.9053	2.0	0.13	16.6667		83.4	56 - 97		
Endrin ketone [2C]	11.2767	2.0	0.13	16.6667		67.7	56 - 97		
gamma-BHC	12.8732	1.0	0.10	16.6667		77.2	57 - 101		
gamma-BHC [2C]	12.9342	1.0	0.10	16.6667		77.6	57 - 101		



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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Batch B9F0214 - GCSEMI_PCB/PEST_S (continued)

LCS (B9F0214-BS1) - Continued

Prepared: 6/9/2019 Analyzed: 6/10/2019

gamma-Chlordane	12.9517	1.0	0.89	16.6667		77.7	56 - 125			
gamma-Chlordane [2C]	12.3408	1.0	0.89	16.6667		74.0	56 - 125			
Heptachlor	13.7738	1.0	0.12	16.6667		82.6	61 - 105			
Heptachlor [2C]	12.5375	1.0	0.12	16.6667		75.2	61 - 105			
Heptachlor epoxide	13.0077	1.0	0.09	16.6667		78.0	59 - 97			
Heptachlor epoxide [2C]	11.6005	1.0	0.09	16.6667		69.6	59 - 97			
Methoxychlor	19.5512	5.0	0.18	16.6667		117	68 - 118			
Methoxychlor [2C]	14.3515	5.0	0.18	16.6667		86.1	68 - 118			
<i>Surrogate: Decachlorobiphenyl</i>	8.838			16.6667		53.0	32 - 91			
<i>Surrogate: Decachlorobiphenyl [</i>	10.06			16.6667		60.4	32 - 91			
<i>Surrogate: Tetrachloro-m-xylene</i>	14.18			16.6667		85.1	38 - 93			
<i>Surrogate: Tetrachloro-m-xylene</i>	14.64			16.6667		87.9	38 - 93			

Matrix Spike (B9F0214-MS1)

Source: 1902277-01

Prepared: 6/9/2019 Analyzed: 6/10/2019

4,4'-DDD	10.4483	2.0	0.07	16.6667	ND	62.7	33 - 116			
4,4'-DDD [2C]	8.56883	2.0	0.07	16.6667	ND	51.4	33 - 116			
4,4'-DDE	10.5045	2.0	0.11	16.6667	0.168833	62.0	29 - 128			
4,4'-DDE [2C]	9.51900	2.0	0.11	16.6667	0.165667	56.1	29 - 128			
4,4'-DDT	11.8233	2.0	0.10	16.6667	ND	70.9	27 - 109			
4,4'-DDT [2C]	12.2185	2.0	0.10	16.6667	ND	73.3	27 - 109			
Aldrin	9.95033	1.0	0.12	16.6667	ND	59.7	34 - 110			
Aldrin [2C]	8.95667	1.0	0.12	16.6667	ND	53.7	34 - 110			
alpha-BHC	9.78283	1.0	0.11	16.6667	ND	58.7	39 - 107			
alpha-BHC [2C]	9.34250	1.0	0.11	16.6667	ND	56.1	39 - 107			
alpha-Chlordane	9.90917	1.0	0.12	16.6667	ND	59.5	37 - 111			
alpha-Chlordane [2C]	9.16000	1.0	0.12	16.6667	ND	55.0	37 - 111			
beta-BHC	10.8492	1.0	0.06	16.6667	ND	65.1	33 - 111			
beta-BHC [2C]	10.1560	1.0	0.06	16.6667	ND	60.9	33 - 111			
delta-BHC	7.70650	1.0	0.12	16.6667	ND	46.2	25 - 122			
delta-BHC [2C]	7.81383	1.0	0.12	16.6667	ND	46.9	25 - 122			
Dieldrin	10.9335	2.0	0.26	16.6667	0.671167	61.6	28 - 114			
Dieldrin [2C]	9.57533	2.0	0.26	16.6667	0.758667	52.9	28 - 114			
Endosulfan I	9.25367	1.0	0.10	16.6667	ND	55.5	35 - 107			
Endosulfan I [2C]	8.45533	1.0	0.10	16.6667	ND	50.7	35 - 107			
Endosulfan II	10.1752	2.0	0.15	16.6667	ND	61.1	13 - 122			
Endosulfan II [2C]	9.32133	2.0	0.15	16.6667	ND	55.9	13 - 122			
Endosulfan sulfate	9.00283	2.0	0.16	16.6667	ND	54.0	13 - 120			
Endosulfan Sulfate [2C]	8.44433	2.0	0.16	16.6667	ND	50.7	13 - 120			
Endrin	11.3472	2.0	0.14	16.6667	ND	68.1	31 - 121			
Endrin [2C]	9.63000	2.0	0.14	16.6667	ND	57.8	31 - 121			
Endrin aldehyde	10.3517	2.0	0.31	16.6667	ND	62.1	18 - 129			



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B9F0214 - GCSEMI_PCB/PEST_S (continued)

Matrix Spike (B9F0214-MS1) - Continued

Source: 1902277-01

Prepared: 6/9/2019 Analyzed: 6/10/2019

Endrin aldehyde [2C]	8.64400	2.0	0.31	16.6667	ND	51.9	18 - 129			
Endrin ketone	10.7722	2.0	0.13	16.6667	ND	64.6	14 - 113			
Endrin ketone [2C]	8.86567	2.0	0.13	16.6667	ND	53.2	14 - 113			
gamma-BHC	9.69033	1.0	0.10	16.6667	ND	58.1	34 - 104			
gamma-BHC [2C]	9.75733	1.0	0.10	16.6667	ND	58.5	34 - 104			
gamma-Chlordane	9.62750	1.0	0.89	16.6667	ND	57.8	35 - 121			
gamma-Chlordane [2C]	8.84417	1.0	0.89	16.6667	ND	53.1	35 - 121			
Heptachlor	9.86283	1.0	0.12	16.6667	ND	59.2	35 - 110			
Heptachlor [2C]	8.97883	1.0	0.12	16.6667	ND	53.9	35 - 110			
Heptachlor epoxide	9.02483	1.0	0.09	16.6667	ND	54.1	31 - 106			
Heptachlor epoxide [2C]	7.92550	1.0	0.09	16.6667	ND	47.6	31 - 106			
Methoxychlor	18.1913	5.0	0.18	16.6667	ND	109	21 - 128			
Methoxychlor [2C]	12.7732	5.0	0.18	16.6667	ND	76.6	21 - 128			

Surrogate: Decachlorobiphenyl	6.500			16.6667		39.0	32 - 91			
Surrogate: Decachlorobiphenyl [8.925			16.6667		53.5	32 - 91			
Surrogate: Tetrachloro-m-xylene	10.37			16.6667		62.2	38 - 93			
Surrogate: Tetrachloro-m-xylene	9.576			16.6667		57.5	38 - 93			

Matrix Spike Dup (B9F0214-MSD1)

Source: 1902277-01

Prepared: 6/9/2019 Analyzed: 6/10/2019

4,4'-DDD	10.0882	2.0	0.07	16.6667	ND	60.5	33 - 116	3.51	20	
4,4'-DDD [2C]	8.30550	2.0	0.07	16.6667	ND	49.8	33 - 116	3.12	20	
4,4'-DDE	10.1578	2.0	0.11	16.6667	0.168833	59.9	29 - 128	3.36	20	
4,4'-DDE [2C]	9.34767	2.0	0.11	16.6667	0.165667	55.1	29 - 128	1.82	20	
4,4'-DDT	11.0525	2.0	0.10	16.6667	ND	66.3	27 - 109	6.74	20	
4,4'-DDT [2C]	12.0605	2.0	0.10	16.6667	ND	72.4	27 - 109	1.30	20	
Aldrin	9.65267	1.0	0.12	16.6667	ND	57.9	34 - 110	3.04	20	
Aldrin [2C]	8.73183	1.0	0.12	16.6667	ND	52.4	34 - 110	2.54	20	
alpha-BHC	9.64483	1.0	0.11	16.6667	ND	57.9	39 - 107	1.42	20	
alpha-BHC [2C]	9.22700	1.0	0.11	16.6667	ND	55.4	39 - 107	1.24	20	
alpha-Chlordane	9.58500	1.0	0.12	16.6667	ND	57.5	37 - 111	3.33	20	
alpha-Chlordane [2C]	8.98350	1.0	0.12	16.6667	ND	53.9	37 - 111	1.95	20	
beta-BHC	10.5863	1.0	0.06	16.6667	ND	63.5	33 - 111	2.45	20	
beta-BHC [2C]	9.98000	1.0	0.06	16.6667	ND	59.9	33 - 111	1.75	20	
delta-BHC	7.42900	1.0	0.12	16.6667	ND	44.6	25 - 122	3.67	20	
delta-BHC [2C]	7.64500	1.0	0.12	16.6667	ND	45.9	25 - 122	2.18	20	
Dieldrin	10.4705	2.0	0.26	16.6667	0.671167	58.8	28 - 114	4.33	20	
Dieldrin [2C]	9.38433	2.0	0.26	16.6667	0.758667	51.8	28 - 114	2.01	20	
Endosulfan I	8.92617	1.0	0.10	16.6667	ND	53.6	35 - 107	3.60	20	
Endosulfan I [2C]	8.35333	1.0	0.10	16.6667	ND	50.1	35 - 107	1.21	20	
Endosulfan II	9.74383	2.0	0.15	16.6667	ND	58.5	13 - 122	4.33	20	
Endosulfan II [2C]	9.08150	2.0	0.15	16.6667	ND	54.5	13 - 122	2.61	20	



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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B9F0214 - GCSEMI_PCB/PEST_S (continued)

Matrix Spike Dup (B9F0214-MSD1) - Continued

Source: 1902277-01

Prepared: 6/9/2019 Analyzed: 6/10/2019

Endosulfan sulfate	8.50583	2.0	0.16	16.6667	ND	51.0	13 - 120	5.68	20	
Endosulfan Sulfate [2C]	8.12467	2.0	0.16	16.6667	ND	48.7	13 - 120	3.86	20	
Endrin	10.9250	2.0	0.14	16.6667	ND	65.5	31 - 121	3.79	20	
Endrin [2C]	9.37117	2.0	0.14	16.6667	ND	56.2	31 - 121	2.72	20	
Endrin aldehyde	9.75983	2.0	0.31	16.6667	ND	58.6	18 - 129	5.89	20	
Endrin aldehyde [2C]	8.25483	2.0	0.31	16.6667	ND	49.5	18 - 129	4.61	20	
Endrin ketone	9.91450	2.0	0.13	16.6667	ND	59.5	14 - 113	8.29	20	
Endrin ketone [2C]	8.69450	2.0	0.13	16.6667	ND	52.2	14 - 113	1.95	20	
gamma-BHC	9.43883	1.0	0.10	16.6667	ND	56.6	34 - 104	2.63	20	
gamma-BHC [2C]	9.60433	1.0	0.10	16.6667	ND	57.6	34 - 104	1.58	20	
gamma-Chlordane	9.26750	1.0	0.89	16.6667	ND	55.6	35 - 121	3.81	20	
gamma-Chlordane [2C]	8.62317	1.0	0.89	16.6667	ND	51.7	35 - 121	2.53	20	
Heptachlor	9.56433	1.0	0.12	16.6667	ND	57.4	35 - 110	3.07	20	
Heptachlor [2C]	8.80750	1.0	0.12	16.6667	ND	52.8	35 - 110	1.93	20	
Heptachlor epoxide	8.67033	1.0	0.09	16.6667	ND	52.0	31 - 106	4.01	20	
Heptachlor epoxide [2C]	7.79033	1.0	0.09	16.6667	ND	46.7	31 - 106	1.72	20	
Methoxychlor	16.4797	5.0	0.18	16.6667	ND	98.9	21 - 128	9.87	20	
Methoxychlor [2C]	12.5130	5.0	0.18	16.6667	ND	75.1	21 - 128	2.06	20	
<i>Surrogate: Decachlorobiphenyl</i>	<i>6.913</i>			<i>16.6667</i>		<i>41.5</i>	<i>32 - 91</i>			
<i>Surrogate: Decachlorobiphenyl [</i>	<i>8.991</i>			<i>16.6667</i>		<i>53.9</i>	<i>32 - 91</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>10.28</i>			<i>16.6667</i>		<i>61.7</i>	<i>38 - 93</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>9.473</i>			<i>16.6667</i>		<i>56.8</i>	<i>38 - 93</i>			



Certificate of Analysis

Stantec

735 E. Carnegie Drive, Suite 280

San Bernardino, CA 92408

Project Number : 185804463, Santa Clarita

Report To : Jim Dewoody

Reported : 06/10/2019

Notes and Definitions

ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)

Notes:

- (1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
- (2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
- (3) Results are wet unless otherwise specified.



CHAIN OF CUSTODY

Laboratory Project Number: 1902277

Page 1 of 2

Client Name/Address: Stantec Consulting Services Inc. 735 E. Carnegie Drive, Suite 280 San Bernardino, CA 92408 909-335-6116		Project Manager: JIM WANDERLY E-Mail Address: JIM.WANDERLY@STANTEC.COM Sampler Name: D. HONAN Stantec Project Number: 185800103		Turn Around Time: Normal TAT: _____ 72 Hour _____ 48 Hour _____ 24 Hour <input checked="" type="checkbox"/> _____ Same Day: _____ Other: _____ Sample Temp °C: _____							
Laboratory (circle): Cal Science - 714-895-5494 ATL - 800-499-4388 TAL - 949-261-1022 Jones Environmental - 714-449-9937		Project: SARA CANAKA		Analysis Required:							
Sample Description/Identification Sample Matrix Preservative (see below) # of Cont. Sample Date Sample Time Filtered Sample		LEAD/CYNIC (E0105) OCP (8081A) HOLD		Special Instructions							
11212141	SOIL	ICE	2	6/17/19	1358	X	X				
11212143					1358	X	X				
13341502-1					1435	X	X				
13341502-3					1434	X	X				
11212141					1452	X	X				
11212143					1435	X	X				
13341502-1					1452	X	X				
13341502-3					1440	X	X				
13341502-1					1455	X	X				
13341502-3					1444	X	X				
13341502-1					1445	X	X				
13341502-3					1440	X	X				
13341502-1					1449	X	X				
13341502-3					1450	X	X				
13341502-1					1457	X	X				
Sample Preservative: 1=ICE - 2=HCl - 3=H ₂ SO ₄ - 4=HNO ₃ - 5=NaOH - 6=Other: _____ Special Instructions: _____											
Relinquished By: [Signature]		Date: 6/17/19		Time: 1629		Received By + Company Name: [Signature]		Date: 6/17/19		Time: 1629	
Relinquished By: [Signature]		Date: 6/17/19		Time: 1800		Received By + Company Name: [Signature]		Date: 6/17/19		Time: 1800	
Relinquished By: [Signature]		Date:		Time:		Received By + Company Name:		Date:		Time:	



CHAIN OF CUSTODY

Laboratory Project Number: 1902277

Page 2 of 2

Client Name/Address: Stantec Consulting Services Inc. 735 E. Carnegie Drive, Suite 280 San Bernardino, CA 92408 909-335-6116		Project Manager: W. DEWILDEW		Analysis Required		Turn Around Time: Normal TAT: 72 Hours 48 Hour 24 Hour <input checked="" type="checkbox"/> Same Day: Other:	
Laboratory (title): Cal Science - 714-995-5994 ATI - 800-499-4888 TAL - 949-261-1022 Jones Environmental - 714-449-9937		E-Mail Address: JAMES.ANDREWS@STANTEC.COM		Filtered Sample		Sample Temp °C:	
Sampler Name: D. W. WILSON		Stantec Project Number: 1858044163		Special Instructions			
Project: SANTA ANITA							
Sample Description/Identification	Sample Matrix	Preservative (see below)	# of Cont.	Sample Date	Sample Time		
616241-3	SOIL	ICE	2	6/7/19	1450	OCF (8819)	
A1A2A4A5-5					1455		
B2B4C2C4-5					1456		
C1D1D2E1-5					1457		
F3F2G1-5					1500		

Sample Preservative: 1=ICE - 2=HCl - 3=H₂SO₄ - 4=HNO₃ - 5=NaOH - 6=Other:

Special Instructions:

Relinquished By: <i>[Signature]</i>	Date: 6/7/19	Time: 1629	Received By + Company Name: <i>[Signature]</i> PTC	Date: 6/7/19	Time: 1629
Relinquished By + Company Name: <i>[Signature]</i>	Date: 6/7/19	Time: 1800	Received By + Company Name: <i>[Signature]</i> ATC	Date: 6/7/19	Time: 1800
Relinquished By + Company Name:	Date:	Time:	Received By + Company Name:	Date:	Time:

TABLES

FIGURES

APPENDIX A
LABORATORY DATA SHEETS AND QA/QC RESULTS