TTM 61573

PARTNER
Engineering and Science, Inc.



PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

TTM 61573
20th Street East and Avenue H-8
Lancaster, California 93535

Report Date: September 28, 2021
Partner Project No. 21-328571.2



Prepared for:

Royal Investors Group, LLC
9595 Wilshire Boulevard, Suite 708
Beverly Hills, California 90212

PARTNER
Engineering and Science, Inc.

September 28, 2021

Ms. Kris Pinero
Royal Investors Group, LLC
9595 Wilshire Boulevard, Suite 708
Beverly Hills, California 90212

Subject: Phase I Environmental Site Assessment
TTM 61573
20th Street East and Avenue H-8
Lancaster, California 93535
Partner Project No. 21-328571.2

Dear Ms. Pinero:

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

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

We appreciate the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (310) 615-4500 or CTaylor@partneresi.com.

Sincerely,

Cody Taylor
National Client Manager

EXECUTIVE SUMMARY

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in accordance with the scope of work and limitations of ASTM Standard Practice E1527-13, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and set forth by Royal Investors Group, LLC, for the property located at 20th Street East and Avenue H-8 in Lancaster, Los Angeles County, California (the "subject property"). The Phase I Environmental Site Assessment is designed to provide Royal Investors Group, LLC, with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the subject property.

Property Description

The subject property is located on the eastern side of 20th Street East and the southern side of the Avenue H-8 alignment within a residential and undeveloped area of Lancaster, California. Please refer to the table below for further description of the subject property:

Subject Property Data	
Addresses:	20th Street East and Avenue H-8, Lancaster, California
Property Use:	Vacant Land
Land Acreage (Ac):	18.5 Ac
Number of Buildings:	None
Assessor's Parcel Number (APN):	3154-002-094
Current Tenants:	None
Site Assessment Performed By:	Nathaniel Grondin of Partner
Site Assessment Conducted On:	September 13, 2021

The subject property is currently vacant land. No operations are currently performed on-site.

According to available historical sources, the subject property has been undeveloped land since at least 1915.

The immediately surrounding properties consist of vacant land to the north; vacant land to the south; a mobile home community to the east; and single-family residences and vacant land to the west across 20th Street East.

According to a subsurface investigation conducted at a vicinity property, groundwater in the vicinity of the subject property is approximately 60 to 65 feet below ground surface (bgs). Based on topographic map interpretation, the direction of groundwater flow in the area is inferred to be toward the north-northwest.

Findings

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

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

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

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

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

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

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

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

Conclusions, Opinions, and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of the property located at 20th Street East and Avenue H-8 in Lancaster, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed no evidence of RECs or environmental issues in connection with the subject property. Based on the conclusions of this assessment, Partner recommends no further investigation of the subject property at this time.

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1.0 INTRODUCTION

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at 20th Street East and Avenue H-8 in Lancaster, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this scope of work are described in the report.

1.1 Purpose

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

This ESA was performed to permit the *User* to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) liability (hereinafter, the "*landowner liability protections*," or "*LLPs*"). ASTM Standard E1527-13 constitutes "*all appropriate inquiry* into the previous ownership and uses of the *property* consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B).

1.2 Scope of Work

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

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

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

1.3 Limitations

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

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

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

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

1.4 User Reliance

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

1.5 Limiting Conditions

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

- Partner was unable to determine the property use at five-year intervals, which constitutes a data gap. Except for property tax files and recorded land title records, which were not considered to be sufficiently useful, Partner reviewed all standard historical sources and conducted appropriate interviews.
- Interviews with past or current owners, operators, and occupants were not reasonably ascertainable and thus constitute a data gap. Based on information obtained from other historical sources (as discussed in Section 3.0), this data gap is not expected to alter the findings of this assessment.
- Partner requested information relative to deed restrictions and environmental liens, a title search, and completion of the AAI User Questionnaire from the Report User. This information was not provided at the time of the assessment.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The subject property is located on the eastern side of 20th Street East and the southern side of the Avenue H-8 alignment in Lancaster, California. According to information obtained from the Los Angeles County Assessor, the subject property is legally described as *"N 1/2 OF N 1/2 EX OF STS OF LOT 2 IN SW 1/4 OF SEC 7 T 7N R 11W"*, and ownership has been vested in Avenue H 8 Holdings, LLC, since 2009.

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

2.2 Current Property Use

The subject property is currently vacant land. No operations are currently performed on-site.

The subject property is designated for residential development by the City of Lancaster.

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

2.3 Current Use of Adjacent Properties

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

Immediately Surrounding Properties

North: Vacant land
South: Vacant land
East: Lancaster Estates (45465 25th Street East)
West: 20th Street East beyond which are single-family residences and vacant land

No adjacent properties are identified in the regulatory database report, discussed in Section 4.2.

2.4 Physical Setting Sources

2.4.1 Topography

The United States Geological Survey (USGS) *Lancaster East, California* Quadrangle 7.5-minute series topographic map was reviewed for this ESA. According to the contour lines on the topographic map, the subject property is located at approximately 2,370 feet above mean sea level (MSL). The contour lines on the map indicate the area is sloping gently toward the west-northwest.

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

2.4.2 Hydrology

According to topographic map interpretation, groundwater in the vicinity of the subject property is inferred to flow toward the north-northwest. The nearest surface water in the vicinity of the subject property is the Little Rock Wash located three miles to the east. No settling ponds, lagoons, surface impoundments, wetlands, or natural catch basins were observed at the subject property during this assessment.

The subject property is not currently serviced by a public water system. According to available information, a public water system operated by the Los Angeles County Waterworks Division (LACWD) serves the subject property vicinity. The sources of public water for the LACWD are groundwater from public wells. No public supply wells were identified on or adjacent to the subject property.

According to a subsurface investigation conducted on a nearby property (45315 North Trevor Avenue, Case No. T060370409), groundwater in the vicinity of the subject property is approximately 60 to 65 feet bgs.

2.4.3 Geology/Soils

The subject property is located in the Antelope Valley which is situated within the western portion of the Mojave Desert Geomorphic Province of California. The Antelope Valley is bounded on the southwest by the Portal Ridge, on the east by the Mojave Desert, and on the north by the Rosamond Hills. The San Andreas Fault trends northwest-southeast along Portal Ridge and through Palmdale Lake, forming the southern boundary of the valley (USGS, 1984). The Antelope Valley is a relatively flat alluvial plain surrounded by low residual bedrock peaks, ridges, and rounded domes reduced by erosion. The valley is underlain by unconsolidated alluvial fill, up to 2,000 feet thick (Sharp, 1975).

Alluvial deposits in the Antelope Valley consist primarily of detrital sediments derived from surrounding mountain ranges. These sediments attain thicknesses as great as 8,000 feet in some parts of the valley. The rock types identified in the Mojave Desert region have been grouped into three main categories, which include pre-Tertiary age crystalline rocks, Tertiary age sedimentary and volcanic rocks, and Quaternary age sediments and local basalt flows. Sediments encountered at the site are consistent with the Quaternary age sediments.

Based on information obtained from the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) *Web Soil Survey*, the subject property is mapped as Rosamond loamy fine sand and Rosamond fine sandy loam. The Rosamond series consists of deep, well-drained soils that formed in material weathered mainly from granitic alluvium. Rosamond soils are on the lower margin of the alluvial fans between the sloping fans and the playas and have slopes of zero to two percent.

2.4.4 Flood Zone Information

Partner performed a review of the Flood Insurance Rate Map, published by the Federal Emergency Management Agency. According to Community Panel Number 06037C0450F, dated September 26, 2008, the subject property appears to be located in Zone X (shaded), defined as areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

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

3.0 HISTORICAL INFORMATION

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

Historical Use Information		
Period/Date	**Source**	**Description/Use**
1915-Present	Aerial Photographs, Topographic Maps, Interviews, Site Observations	Undeveloped land

No potential environmental concerns were identified in association with the current or former uses of the subject property.

3.1 Aerial Photograph Review

Partner obtained available aerial photographs of the subject property and surrounding area from Environmental Data Resources, Inc. (EDR) on September 10, 2021. The following was observed on the subject property and adjacent properties during the aerial photograph review:

Date: 1928, 1940	*Scale: 1"=500'*
Subject Property:	Appears to be undeveloped land
North:	Appears to be undeveloped land
South:	Appears to be undeveloped land
East:	Appears to be undeveloped land
West:	Appears to be undeveloped land to the west and developed as agricultural land and a residential structure to the northwest across a road

Date: 1948, 1953, 1968, 1970, 1977, 1981	*Scale: 1"=500'*
Subject Property:	No significant changes visible
North:	Appears to be developed as agricultural land
South:	No significant changes visible
East:	No significant changes visible
West:	Appears to be developed with an additional residential structure across a road

Date: 1989, 1994, 2002, 2005	*Scale: 1"=500'*
Subject Property:	No significant changes visible
North:	Appears to be vacant land
South:	No significant changes visible
East:	Appears to be developed with a mobile home community
West:	No significant changes visible

Date: 2009, 2012, 2016	*Scale: 1"=500'*
Subject Property:	No significant changes visible
North:	No significant changes visible
South:	No significant changes visible
East:	No significant changes visible
West:	Appears to be developed with new residential structures across a road

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

3.2 Fire Insurance Maps

Partner contracted with EDR to search for Sanborn fire insurance map coverage of the subject property and surrounding area on September 1, 2021. EDR's Sanborn map search revealed no coverage for the subject property or adjacent properties.

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

3.3 City Directories

Partner reviewed historical city directories obtained from EDR on September 10, 2021 for past names and businesses that were listed for the subject property and adjacent properties. The subject property was not listed in the city directories. The adjacent property findings are presented in the following table:

City Directory Search for Adjacent Properties

Year(s)	Occupant Listed
1995	Residential Listings
2000	Residential Listings
2005	Residential Listings
2010	Residential Listings
2014	Residential Listings

Based on the city directory review, no environmentally sensitive listings were identified for the adjacent property addresses.

Copies of reviewed city directories are included in Appendix B of this report.

3.4 Historical Topographic Maps

Partner reviewed historical topographic maps obtained from EDR on September 10, 2021. The following was observed on the subject property and adjacent properties during the topographic map review:

Date: 1915, 1917	
Subject Property:	Depicted as undeveloped land
North:	Depicted as undeveloped land
South:	Depicted as undeveloped land
East:	Depicted as undeveloped land
West:	Depicted as developed with a small structure across a road

Date: 1930, 1933	
Subject Property:	No significant changes depicted
North:	No significant changes depicted
South:	No significant changes depicted
East:	No significant changes depicted
West:	Depicted as undeveloped land across a road

Date:	***1948***
Subject Property:	No significant changes depicted
North:	Depicted as undeveloped land across a road
South:	No significant changes depicted
East:	No significant changes depicted
West:	Depicted as developed with two small structures across a road

Date:	***1958, 1974***
Subject Property:	No significant changes depicted
North:	No significant changes depicted
South:	No significant changes depicted
East:	No significant changes depicted
West:	Depicted as developed with a small structure and Desert Haven School across a road

Copies of reviewed topographic maps are included in Appendix B of this report.

4.0 REGULATORY RECORDS REVIEW

4.1 Regulatory Agencies

4.1.1 State Department

Regulatory Agency Data	
Name of Agency:	California Environmental Protection Agency (CalEPA)
Point of Contact:	Regulated Sites Portal
Agency Address:	https://siteportal.calepa.ca.gov/nsite/
Date of Contact:	September 2021
Method of Communication:	Online Research
Summary of Communication:	No records regarding hazardous substance use, storage, or releases, or the presence of USTs and AULs on the subject property were on file with the CalEPA.

4.1.2 Fire Department

Regulatory Agency Data	
Name of Agency:	Los Angeles County Fire Department (LACFD), Health Hazardous Materials Division (HHMD)
Agency Address:	14425 Olive View Drive, Sylmar, California https://www.fire.lacounty.gov/home/contact-us-2/
Agency Phone Number:	(323) 881-2411
Date of Contact:	August 2021
Method of Communication:	Online Research
Summary of Communication:	No records regarding hazardous substance use, storage, or releases, or the presence of USTs and AULs on the subject property were on file with the LACoFD HHMD.

4.1.3 Air Pollution Control Agency

Regulatory Agency Data	
Name of Agency:	Antelope Valley Air Quality Management District (AVAQMD)
Agency Address:	43301 Division Street, Lancaster, California
Agency Phone Number:	(661) 723-8070
Date of Contact:	September 2021
Method of Communication:	Online Request
Summary of Communication:	No Permits to Operate (PTO), Notices of Violation (NOV), or Notices to Comply (NTC), or records indicating the presence of AULs, dry cleaning machines, or USTs were on file for the subject property with the AVAQMD.

4.1.4 Regional Water Quality Agency

Regulatory Agency Data	
Name of Agency:	State Water Resources Control Board (SWRCB)
Point of Contact:	GeoTracker Database
Agency Address:	http://geotracker.waterboards.ca.gov/
Date of Contact:	September 2021
Method of Communication:	Online Research
Summary of Communication:	No records regarding hazardous substance use, storage, or releases, or the presence of USTs and AULs on the subject property were on file with the SWRCB.

4.1.5 Department of Toxic Substances Control

Regulatory Agency Data	
Name of Agency:	California Department of Toxic Substances Control (DTSC)
Point of Contact:	EnviroStor and Hazardous Waste Tracking System Databases
Agency Address:	http://www.envirostor.dtsc.ca.gov/public/ http://hwts.dtsc.ca.gov/report_search.cfm?id=5
Date of Contact:	September 2021
Method of Communication:	Online Research
Summary of Communication:	No records regarding hazardous substance use, storage, or releases, or the presence of USTs and AULs on the subject property were on file with the DTSC.

4.1.6 Building Department

Regulatory Agency Data	
Name of Agency:	Lancaster Building Department – City Clerk
Point of Contact:	www.cityoflancsterca.org
Agency Address:	44933 Fern Avenue, Lancaster, California 93534
Agency Phone Number:	(661) 723-6000
Date of Contact:	September 2021
Method of Communication:	Online Request
Summary of Communication:	Records were not available for the subject property.

4.1.7 Planning Department

Regulatory Agency Data	
Name of Agency:	Lancaster Planning Department (LPD)
Point of Contact:	Online Zoning Map
Agency Address:	http://www.cityoflancasterca.org/home/showdocument?id=12653
Date of Contact:	September 2021
Method of Communication:	Online Research
Summary of Communication:	According to records reviewed, the subject property is zoned for single-family residential development by the City of Lancaster.

4.1.8 Oil & Gas Exploration

Regulatory Agency Data	
Name of Agency:	California Geologic Energy Management Division (CalGEM)
Point of Contact:	Well Finder Database
Agency Address:	https://www.conservation.ca.gov/calgem/Pages/WellFinder.aspx
Date of Contact:	September 2021
Method of Communication:	Online Research
Summary of Communication:	According to CalGEM, no oil or gas wells are located on or adjacent to the subject property.

4.1.9 Assessor's Office

Regulatory Agency Data	
Name of Agency:	Los Angeles County Assessor
Agency Address:	https://portal.assessor.lacounty.gov/
Method of Communication:	Online Portal
Summary of Communication:	According to records reviewed, the subject property is identified by Assessor Parcel Number (APN) 3154-002-094 and is currently owned by Avenue H 8 Holdings, LLC, since 2009.

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

4.2 Mapped Database Records Search

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

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

4.2.1 Regulatory Database Summary

Radius Report Data

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

4.2.2 Subject Property Listings

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

4.2.3 Adjacent Property Listings

The adjacent properties are not identified in the regulatory database report.

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

4.2.4 Sites of Concern Listings

No sites of concern are identified in the regulatory database report.

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

4.2.5 Orphan Listings

No orphan listings are identified in the regulatory database report.

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

5.0 USER PROVIDED INFORMATION AND INTERVIEWS

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *Brownfields Amendments*), the *User* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The *User* should provide the following information to the *environmental professional.* Failure to provide this information could result in a determination that *all appropriate inquiries* is not complete. The *User* is asked to provide information or knowledge of the following:

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

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

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

User Responsibilities

Item	Provided By User	Not Provided By User	Discussed Below	Does Not Apply
AAI User Questionnaire			**X**	
Title Records, Environmental Liens, and AULs			**X**	
Specialized Knowledge			**X**	
Actual Knowledge			**X**	
Valuation Reduction for Environmental Issues			**X**	
Identification of Key Site Manager	**Section 5.1.3**			
Reason for Performing Phase I ESA	**Section 1.1**			
Prior Environmental Reports	**Section 5.2.6**			
Other				**X**

5.1 Interviews

5.1.1 Interview with Owner

The owner of the subject property was not available to be interviewed at the time of the assessment.

5.1.2 Interview with Report User

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

5.1.3 Interview with Key Site Manager

A key site manager was not available to be interviewed at the time of this assessment.

5.1.4 Interviews with Past Owners, Operators, and Occupants

Interviews with past owners, operators, and occupants were not conducted since information regarding the potential for contamination at the subject property was obtained from other sources.

5.1.5 Interviews with Others

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

5.2 User Provided Information

5.2.1 Title Records, Environmental Liens, and AULs

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

5.2.2 Specialized Knowledge

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

5.2.3 Actual Knowledge of the User

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

5.2.4 Valuation Reduction for Environmental Issues

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

5.2.5 Commonly Known or Reasonably Ascertainable Information

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

5.2.6 *Previous Reports and Other Provided Documentation*

The following information was provided to Partner for review during the course of this assessment:

Phase I Environmental Site Assessment, All Phase Environmental, Inc. (December 7, 2004)

All Phase Environmental, Inc. (APEI) prepared this report on behalf of United Engineering Group. The assessment was performed in accordance with ASTM Standard E1527-00. The assessment consisted of a site reconnaissance, interviews with knowledgeable personnel, review of historical information, and a review of a regulatory database report. Pertinent information contained in this report is summarized below:

- At the time of the 2004 assessment, the subject property consisted of 20 acres of undeveloped land located east of 20th Street East and west of the terminus of East Avenue H.
- According to the APEI report, the subject property historically has been undeveloped land with the exception of power poles which run along the west property boundary.
- APEI noted that there was evidence of limited solid waste disposal and dumping in various areas along the south portion of the subject property. The waste appeared to be innocuous household trash and construction debris dumped illegally. APEI noted that there were no signs of disposed hazardous materials or petroleum products.
- No current or former ASTs or USTs were identified on the subject property.
- Oil and hazardous substances were not identified at the subject property.

APEI identified no RECs and recommended no further investigation.

Copies of pertinent pages reviewed are included in Appendix B of this report.

6.0 SITE RECONNAISSANCE

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

Site Assessment Data	
Site Assessment Performed By:	Nathaniel Grondin
Site Assessment Conducted On:	September 13, 2021

Partner was unaccompanied during the site reconnaissance activities. No potential environmental concerns were identified during the site reconnaissance.

6.1 General Site Characteristics

6.1.1 Solid Waste Disposal

Solid waste is not currently generated at the subject property. Some wood debris and some discarded household debris were observed dumped on the property and is not associated with on-site operations. The discarded debris should be removed for proper off-site disposal in accordance with applicable regulations.

6.1.2 Sewage Discharge and Disposal

The subject property is not currently serviced by a sanitary sewer system. No wastewater treatment facilities or septic systems were observed or reported on the subject property.

6.1.3 Surface Water Drainage

No paved surfaces are present on the subject property. Stormwater directly infiltrates on-site soils.

The subject property does not appear to be a designated wetland area, based on information obtained from the United States Fish & Wildlife Service; however, a comprehensive wetlands survey would be required in order to formally determine actual wetlands on the subject property. No surface impoundments, wetlands, natural catch basins, settling ponds, or lagoons were observed on the subject property. No drywells were identified on the subject property.

6.1.4 Source of Heating and Cooling

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

6.1.5 Wells and Cisterns

No aboveground evidence of wells or cisterns was observed during the site reconnaissance.

6.1.6 Wastewater

Domestic wastewater is not currently generated at the subject property. No industrial wastewater streams were identified at the subject property.

6.1.7 Septic Systems

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

6.1.8 Additional Site Observations

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

6.2 Potential Environmental Hazards

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

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

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

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

6.2.3 Evidence of Releases

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

6.2.4 Polychlorinated Biphenyls (PCBs)

Older transformers and other electrical equipment could contain PCBs at a level that subjects them to regulation by the U.S. EPA. PCBs in electrical equipment are controlled by United States Environmental Protection Agency regulations 40 CFR, Part 761. Under the regulations, there are three categories into which electrical equipment can be classified: 1) Less than 50 parts per million (ppm) of PCBs – *"Non-PCB;"* 2) 50 ppm-500 ppm – *"PCB-Contaminated;"* and, 3) Greater than 500 ppm – *"PCB-Containing."* The manufacture, process, or distribution in commerce or use of any PCB in any manner other than in a totally enclosed manner was prohibited after July 2, 1979.

The site reconnaissance addressed indoor and outdoor transformers that may contain PCBs. One pole-mounted transformer was observed on the subject property. The transformer is not labeled indicating PCB content. No staining or leakage was observed in the vicinity of the transformer. Based on the good condition of the equipment, the transformer is not expected to represent an environmental concern.

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

6.2.5 Strong, Pungent, or Noxious Odors

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

6.2.6 Pools of Liquid

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

6.2.7 Drains, Sumps, and Clarifiers

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

6.2.8 Pits, Ponds, and Lagoons

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

6.2.9 Stressed Vegetation

No stressed vegetation was observed on the subject property.

6.2.10 Additional Potential Environmental Hazards

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

6.3 Non-ASTM Services

6.3.1 Asbestos-Containing Materials (ACMs)

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

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

6.3.2 Lead-Based Paint (LBP)

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

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

6.3.3 Radon

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

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

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

Radon sampling was not conducted as part of this assessment. Review of the US EPA Map of Radon Zones places the subject property in Zone 2. Based upon the radon zone classification, radon is not considered to be an environmental concern.

6.3.4 Lead in Drinking Water

The subject property is not currently serviced by a public water system. According to available information, a public water system operated by the LACWD serves the subject property vicinity. According to the 2020 Annual Water Quality Report, water supplied by the LACWD is in compliance with State and Federal regulations pertaining to drinking water standards, including lead and copper.

6.3.5 Mold

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

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

6.4 Adjacent Property Reconnaissance

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

7.0 FINDINGS AND CONCLUSIONS

Findings

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

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

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

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

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

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

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

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

Conclusions, Opinions, and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of the property located at 20th Street East and Avenue H-8 in Lancaster, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed no evidence of RECs or environmental issues in connection with the subject property. Based on the conclusions of this assessment, Partner recommends no further investigation of the subject property at this time.

8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Partner has performed a Phase I Environmental Site Assessment of the property located at 20th Street East and Avenue H-8 in Lancaster, Los Angeles County, California in conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

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

Prepared By:



Nathaniel Grondin
Environmental Scientist

Reviewed By:



Joel Redding
Environmental Professional
Senior Project Manager

9.0 REFERENCES

Reference Documents

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

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

EDR, Aerial Photo Decade Package, September 2021

EDR, Certified Sanborn Map Report, September 2021

EDR, City Directory Image Report, September 2021

EDR, Historical Topo Map Report, September 2021

EDR, Radius Map Report, September 2021

Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via the internet, September 2021

United States Department of Agriculture, Natural Resources Conservation Service, *Web Soil Survey*, accessed via the internet, September 2021

United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the internet, September 2021

United States Geological Survey (USGS), accessed via the Internet, September 2021

USGS Topographic Map 2012, 7.5-minute series, accessed via the internet, September 2021

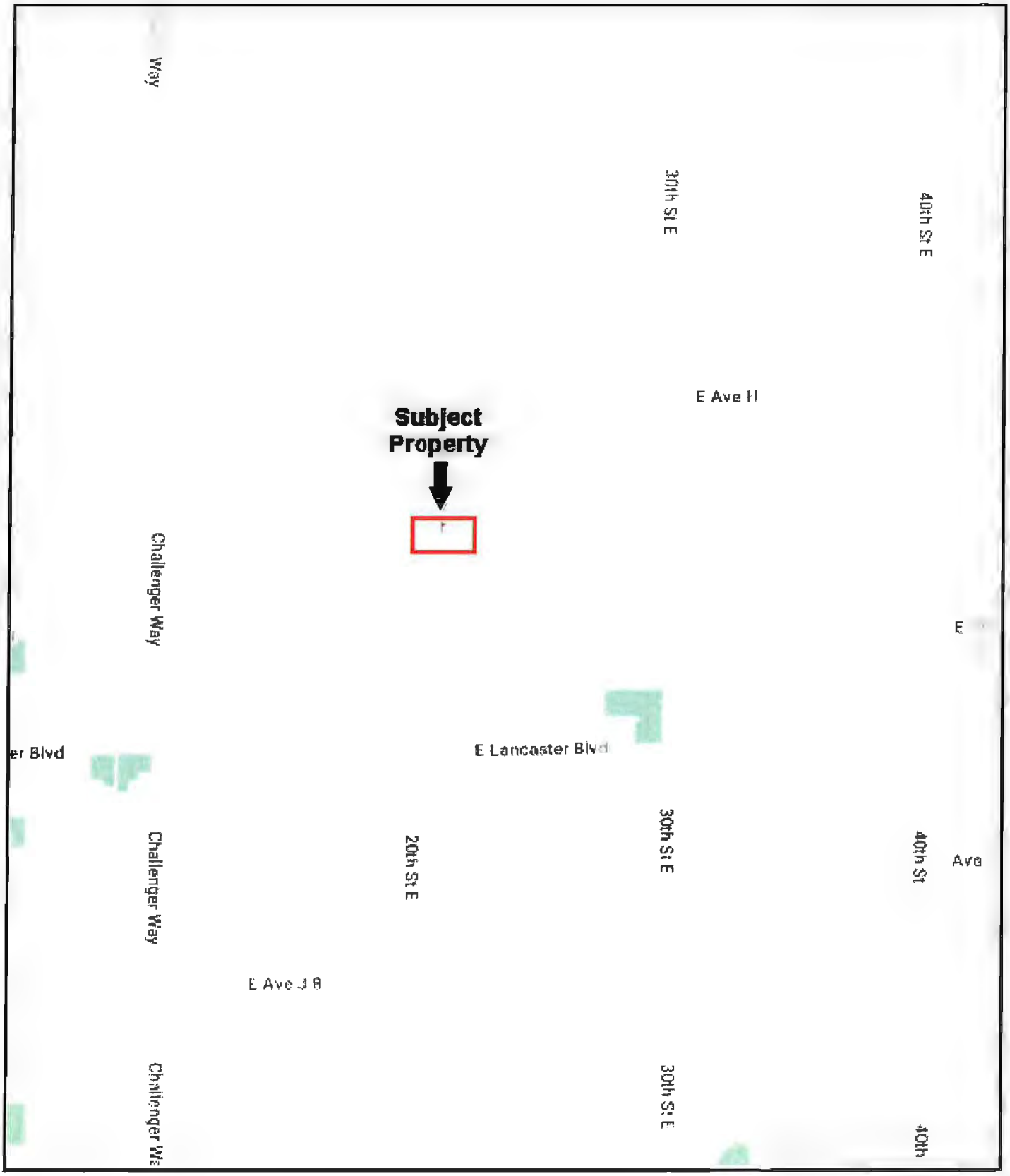
FIGURES

1 SITE LOCATION MAP

2 SITE PLAN

3 TOPOGRAPHIC MAP

PARTNER



N

Drawing Not To Scale

KEY:
Subject Property

FIGURE 1: SITE LOCATION MAP
Project No. 21-328571.2

PARTNER



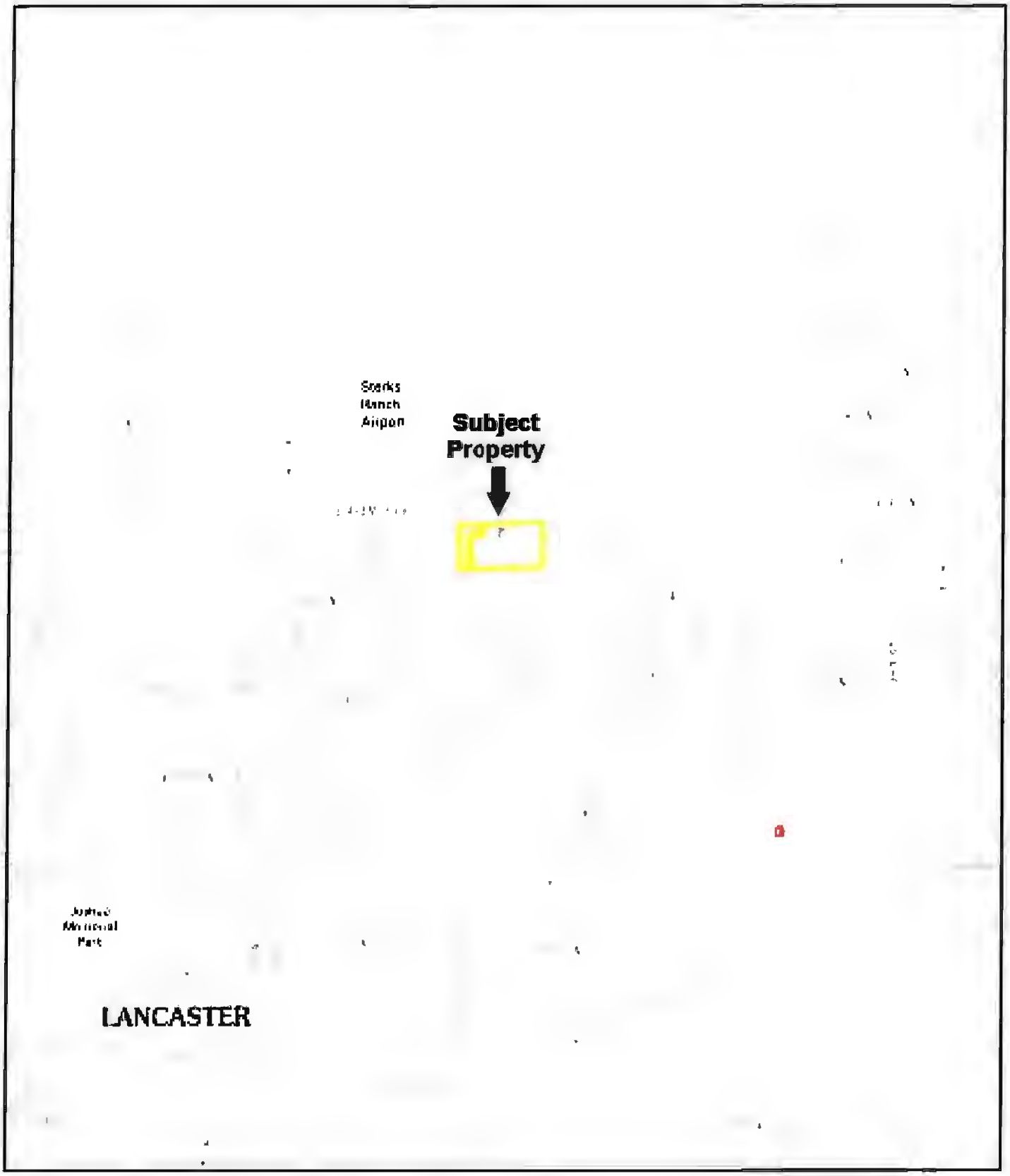
N

GROUNDWATER FLOW

KEY:
Subject Property

FIGURE 2: SITE PLAN
Project No. 21-328571.2

PARTNER



N

USGS 7.5-Minute *Lancaster East, California* Quadrangle
Created: 2012

KEY:
Subject Property

FIGURE 3: TOPOGRAPHIC MAP
Project No. 21-328571.2

PARTNER

APPENDIX A: SITE PHOTOGRAPHS

PARTNER



1. View of the subject property from the terminus of East Avenue H-8, looking west



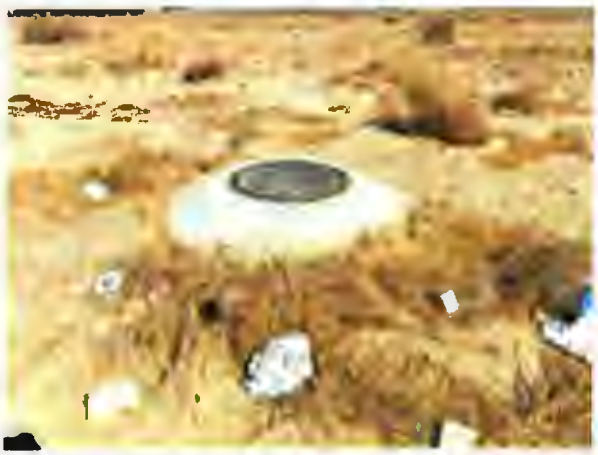
2. View of the subject property from the terminus of East Avenue H-8, looking south



3. View of the subject property from the northern boundary, looking south



4. Discarded debris near the northern boundary of the subject property



5. Public sewer manhole on the eastern portion of the subject property



6. View of the southern portion of the subject property, looking southwests



7. View of the northwestern corner of the subject property, looking southeast



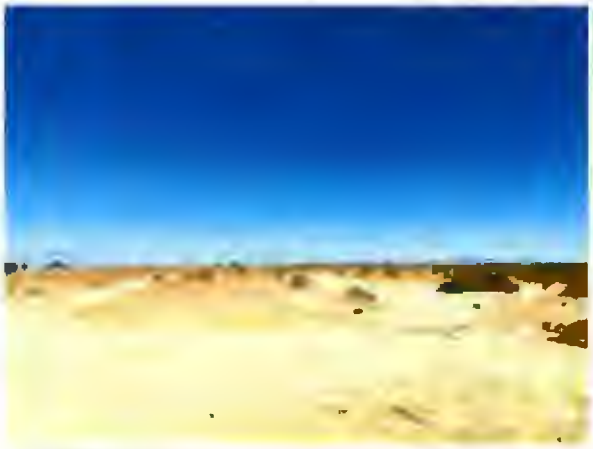
8. Pole-mounted transformer on the western portion of the subject property



9. View of the western portion of the subject property, looking south



10. View of the central portion of the subject property, looking southwest



11. View of the adjacent property to the north of the subject property



12. View of the adjacent properties to the east of the subject property



13. View of the adjacent property to the south of the subject property



14. View of the adjacent property to the west of the subject property

APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION

PARTNER

Aerial Photograph Year: 1928



500 1000 2000

N

Key: Subject Property



500 1000 2000

N

Key: Subject Property

Aerial Photograph Year: 1948

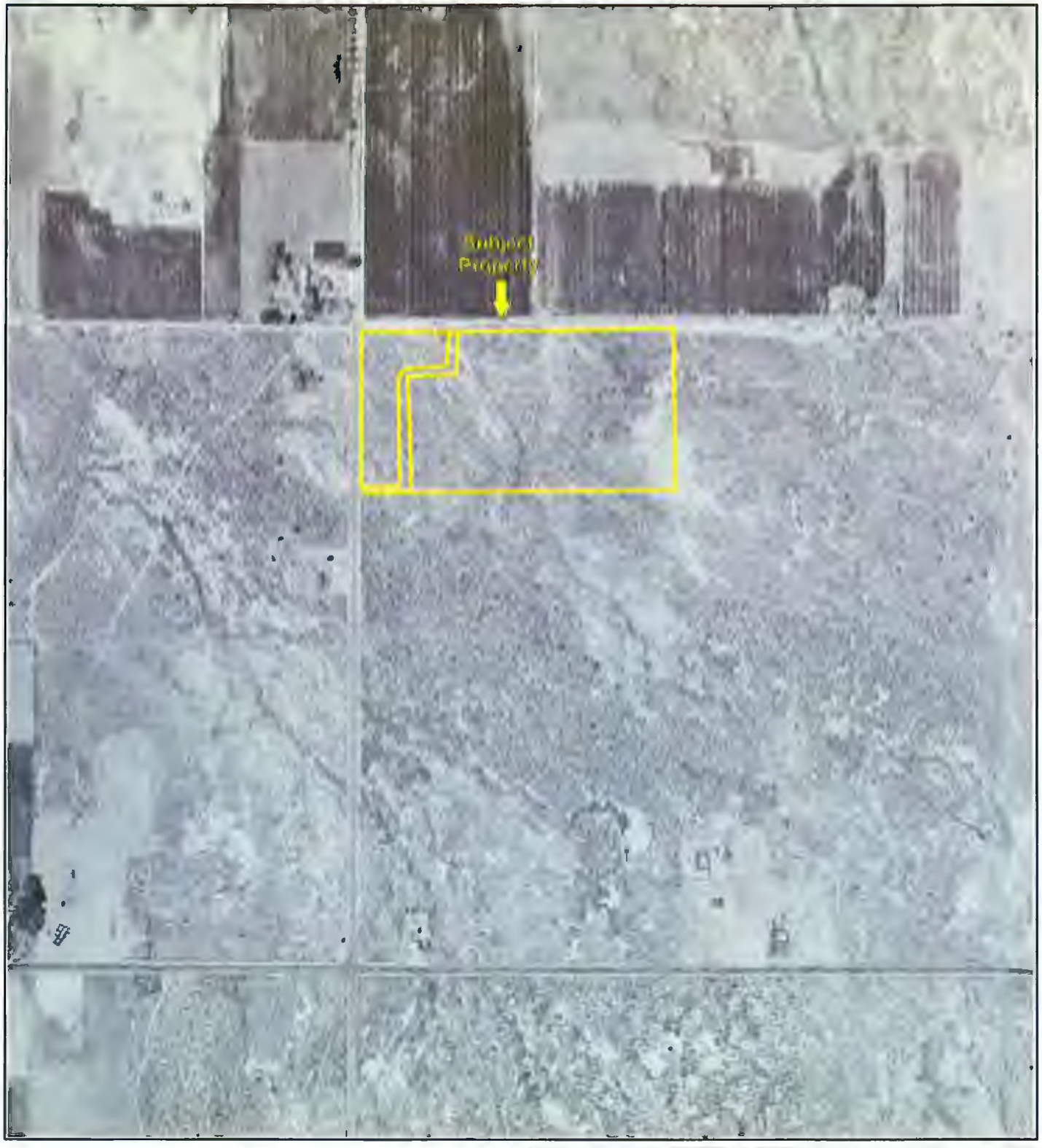


500 1000 2000

N

Key: Subject Property

Aerial Photograph Year: 1953



500 1000 2000

N

Key: Subject Property

Aerial Photograph Year: 1968

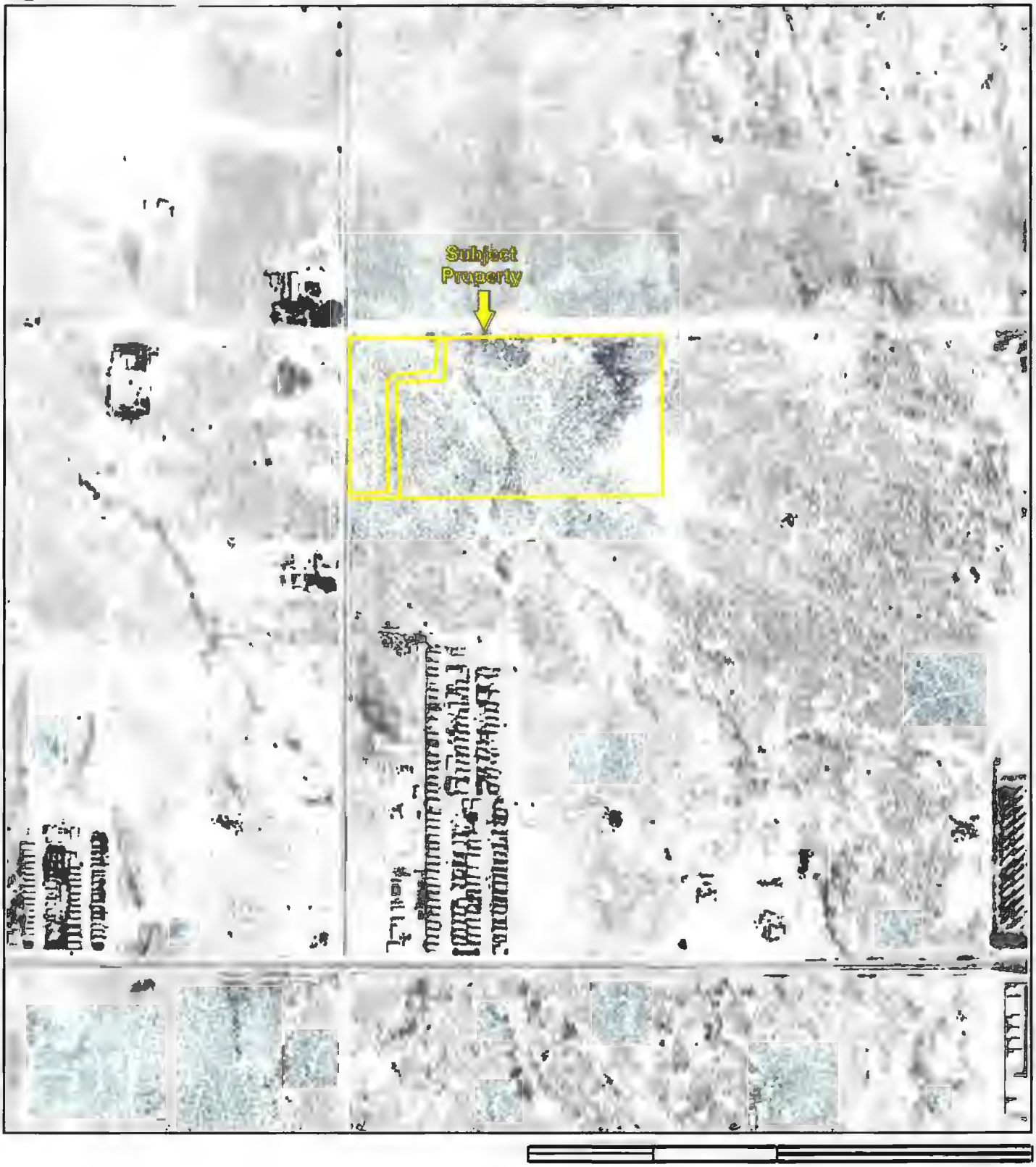


500 1000 2000

N

Key: Subject Property

Aerial Photograph Year: 1970



500 1000 2000

N

Key: Subject Property

Aerial Photograph Year: 1977



500 1000 2000

N

Key: Subject Property

Aerial Photograph Year: 1981



500 1000 2000

N

Key: Subject Property



500 1000 2000

N

Key: Subject Property

Aerial Photograph Year: 1994



Aerial Photograph Year: 2002



500 1000 2000

N

Key: Subject Property



500 1000 2000

N

Key: Subject Property

Aerial Photograph Year: 2009



Aerial Photograph Year: 2012




Subject
Property
500
1000
2000
N
Key: Subject Property

TTM 61573
20th Street East and Avenue H-8
Lancaster, CA 93535

Inquiry Number: 6645172.3
September 01, 2021

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

09/01/21

Site Name:	Client Name:
TTM 062349	Partner Engineering and Science, Inc.
20th Street East and Avenue H	2154 Torrance Blvd, Suite 200
Lancaster, CA 93535	Torrance, CA 90501-0000
EDR Inquiry # 6645172.3	Contact: Evelyn Perez

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Partner Engineering and Science, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # CD4D-4879-9B60

PO # 21-328571.2

Project 21-328571.2

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: CD4D-4879-9B60

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

The Sanborn Library LLC Since 1866™

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TTM 61573
20th Street East and Avenue H-8
Lancaster, CA 93535

Inquiry Number: 6645172.5
September 08, 2021

The EDR-City Directory Image Report

EDR Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by
infoUSA
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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2014	☑	☑	EDR Digital Archive
2010	☑	☑	EDR Digital Archive
2005	☑	☑	EDR Digital Archive
2000	☑	☑	EDR Digital Archive
1995	☑	☑	EDR Digital Archive
1992	☑	☑	EDR Digital Archive
1987	☑	☑	Haines Criss-Cross Directory
1982	☑	☑	Haines Criss-Cross Directory
1976	☑	☑	Haines Criss-Cross Directory
1970	☑	☑	B & G City Directory

FINDINGS

TARGET PROPERTY STREET

20th Street East and Avenue H-8
Lancaster, CA 93535

Year	*CD Image*	*Source*
20TH ST E		
2014	pg A1	EDR Digital Archive
2010	pg A4	EDR Digital Archive
2005	pg A7	EDR Digital Archive
2000	pg A10	EDR Digital Archive
1995	pg A12	EDR Digital Archive
1992	pg A17	EDR Digital Archive
1987	pg A20	Haines Criss-Cross Directory
1982	pg A22	Haines Criss-Cross Directory
1976	pg A24	Haines Criss-Cross Directory
1976	pg A25	Haines Criss-Cross Directory
1970	pg A27	B & G City Directory

FINDINGS

CROSS STREETS

Year	CD Image	Source
AVENUE H 8 EAST		
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1995	pg. A13	EDR Digital Archive
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2005	pg. A8	EDR Digital Archive
2000	pg. A11	EDR Digital Archive
1995	pg. A15	EDR Digital Archive
1992	pg. A19	EDR Digital Archive
1987	pg. A21	Haines Criss-Cross Directory
1982	pg. A23	Haines Criss-Cross Directory
1976	pg. A26	Haines Criss-Cross Directory
1970	pg. A28	B & G City Directory
E H 8 AVE		
1995	pg. A16	EDR Digital Archive

City Directory Images

Target Street	Cross Street	Source
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20TH ST E 2014

44254	ALCARAZ, ALYSE R
	BAILEY, HOWARD H
	BURGEST, GREGORY M
	HOLLENSHED, FAYE V
	MOE, JESSICA
	SAMMONS, DANNY
	STEWART, ROSHUNDA
	WRIGHT, SHEILA M
44256	ALVAREZ, ROGELA
	HOLMES, DANIEL
	JACKSON, TOMMY R
	LORD, DANNY R
44258	CONNER, KIBIBI J
	MARQUEZ, NATALIE
	WAYNE, JOHN D
44411	BANK OF AMERICA
44421	ANYTIME ANYWHERE EMERGENCY LOCKSMITH
	GAMESTOP
	ITS A GRIND COFFEE HOUSE
	PANDA EXPRESS
	SMOKE RINGS INC
45427	HARRIS, DANIEL D
45545	FE, MA
45607	MCCLURE, GLORIA
45807	POMPEY, RAYMOND J
	TRONCOSO, RICARDO A
46035	RIVERS, PAUL S
46047	WOODS, JOHN A
46057	MARTIN, LARRY
46602	TRACEY, ROY G

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E AVENUE H8 2014

151	SAMROD CORP
228	COMMUNITY DAY SCHOOL NORTH
233	KOSO INTERNATIONAL INC
	PACIFIC SEISMIC PRODUCTS INC
247	A 1 RECOVERY SERVICE
439	NUNEZ, BRENDA M
3001	WILLIAMS, MEASHE
3010	LECRONE, ROBERT R
3034	GERBITZ, JESSE W
3044	RAMOS, GERONIMO
3056	SCOTT, IRMA R
3065	ROSENBACH, CHARLES L
3103	OCCUPANT UNKNOWN,
3105	FLORES, ROBERT
3108	OCCUPANT UNKNOWN,
3110	AGUILAR, JUAN
3112	OCCUPANT UNKNOWN,
3114	CHAMP, MARY
3116	MURILLO, LUCIA
3118	BANDA, ANTHONY
3120	MEJIA, LAZARO C
3124	MENDOZA, JAIME
3136	BEASLEY, DEREK J
3146	OCCUPANT UNKNOWN,
3147	KNAPP, ROBERT J
3149	WAGEMANN, CORY J
3153	HERNANDEZ, SALOMON
3158	GOUDEAU, TERENCE
	MORENO, EULOGIO
	WILLIAMS, DORCAS E
3200	EPSON, FRAN C
3205	HERNANDEZ, ISAIAS
	JACOBO, INDIRA
	LOPEZ, JUAN
3211	TREMBERTH, DEEANNA L
3212	MILLER, SHIRLEY M
3220	JENSEN, NIEL A
3225	ADAMS, NATHAN L
3236	OCCUPANT UNKNOWN,
3241	GREGG, DEREK R
3242	SALAZAR-ACEVEDO, HORTENSIA S
3250	SAVAGE, CARL
3251	GARCIA, KIMBERLY A
3255	CREWS, PAUL A
	LENTZ, JEFFREY L
3266	HAIR, REX E
3304	JONES, JEAN A
3309	VARGAS, CINDY
3314	GILARDONE, DOUGLAS C
3321	RUSH, RAYMOND E

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E AVENUE H8 2014 (Cont'd)

3324	CONTRERAS, FRANCISCO A
3336	BAEZA, LETICIA
3339	WILLIS, GERALD G
3348	OCCUPANT UNKNOWN,
3355	OCCUPANT UNKNOWN,
3509	RICP, JUAN
3529	LACKEY, LARRY N
18202	OCCUPANT UNKNOWN,
18257	OCCUPANT UNKNOWN,
18353	MASTERS, DALE K
19425	ZELLERS, AL L
25303	OCCUPANT UNKNOWN,
25555	COX, RAYMOND E
	OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

20TH ST E 2010

44254	BAILEY, HOWARD H
	BROWN, MICHAEL D
	HUDGENS, ALFRED G
	KING, DIANE D
	LONG, CHARLES L
44256	CLINTON, DAWN
	ERICKSON, BENJAMIN R
	JOHNSON, NATALEA L
	LORD, DANNY R
	OWEN, KEVIN E
	SMITH, NORMAN E
44258	COTTRELL, M E
	GARDINER, M
	MCCOY, WILLIAM L
44421	GAMESTOP
	ITS A GRIND COFFEE HOUSE
	PANDA EXPRESS
	PARIS NAIL & SPA
44900	OCCUPANT UNKNOWN,
45427	HARRIS, DARREN M
45545	BRYANT, JOHNNY F
45807	POMPEY, RAYMOND J
46035	HRABIK, DARRELL
46047	WOODS, JOHN A
46057	MARTIN, LARRY
46126	THOMAS, WILLIAM R
46602	TRACY, ROY G

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E AVENUE H8 2010

151	SAMROD CORP
228	COMMUNITY DAY SCHOOL NORTH
233	KOSO INTERNATIONAL INC
	KOSO M MAC
	PACIFIC SEISMIC PRODUCTS INC
247	A1 RECOVERY SVC
3001	OCCUPANT UNKNOWN,
3010	NICHOLAS, CASSANDRA
3034	GERBITZ, JESSE W
3044	RAMOS, GERONIMO
3056	SCOTT, DAVID A
3065	MAIDA, EILIYA
3103	OCCUPANT UNKNOWN,
3105	FLORES, ROBERT
3106	AGUNDEZ, TAMARA
3108	OCCUPANT UNKNOWN,
3110	AGUILAR, VICTOR
3112	OCCUPANT UNKNOWN,
3114	CHAMP, MARY
3116	HERNANDEZ, LILIA
3118	BANDA, FRANCISCO
3120	OCCUPANT UNKNOWN,
3124	OCCUPANT UNKNOWN,
3136	BEASLEY, DEREK J
3146	SEYMOUR, RALPH T
3149	ARCEO, MARTIN R
3153	HERNANDEZ, SALOMON
3158	MORENO, EULOGIO
	WILLIAMS, DORCAS E
3200	EPSON, FRAN C
3205	AVILA, DORALUZ V
	BAGGALEY, CHRISTIAN S
	JACOBO, INDIRA
3211	KENNY, SEAN M
3212	MILLER, SHIRLEY M
3220	JENSEN, NIEL A
3225	OCCUPANT UNKNOWN,
3236	DANTICE, DANIAL L
3241	GARRETT, RICHARD C
3242	BLANCAS, AIDE
3250	RUVALCABA, DOMINGO
3251	OCCUPANT UNKNOWN,
3255	CREWS, PAUL A
	KRAUSE, ORRIN
	PAC TRUCKING CO
3266	HAIR, STEVEN L
3304	JONES, JEAN A
3309	CEBALLOS, ROBERTO
3314	GILARDONE, DOUGLAS C
3321	RUSH, RAYMOND E

E AVENUE H8 2010 (Cont'd)

3324	OCCUPANT UNKNOWN,
3339	CLARK, LORENA M
3348	OCCUPANT UNKNOWN,
3355	OCCUPANT UNKNOWN,
3509	RICO, JUAN A
3529	PURSLEY, ANNIE
18103	VELASQUEZ, LORENA
18257	OCCUPANT UNKNOWN,
18353	GARCIA, FERNANDO A
19425	ZELLERS, AL L
25303	OCCUPANT UNKNOWN,
25555	COX, RAYMOND E

Target Street	Cross Street	Source
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20TH ST E 2005

44250	BERGER, DAVID
	BRYANT, H
	CALEGARI, CRAIG M
	HIATT, SHAWN P
	HONNE, JO A
	PACHECO, RIGOBERTO
	RUIZ, MANFREDO
44252	BOWER, EARL K
	CARAVELLO, RUTH
	CRAWFORD, GREGORY L
	THOMPSON, NATHANIAL C
	TUCHER, JAY
44254	BAILEY, HOWARD H
	HUDGENS, LESLIE M
	LONG, CHARLES L
44256	KLINGEBIEL, KARL
	LORD, DANNY R
	LOZANO, ANNA L
	SCOTT, KIMBERLY
44258	FRAYER, HAROLD S
	HERMAN, STEVEN J
	MCCOY, WILLIAM
	MORRIS, DAVID W
44900	MONTAVON, VERNON L
45545	BRITTAIN, SCOTT D
45607	OCCUPANT UNKNOWN,
45807	POMPEY, RAYMOND J
46035	HRABIK, MARY
46047	WOODS, JOHN A
46057	WOOD, JEANNIE K
46126	THOMAS, WILLIAM R
46602	TRACEY, ROY G

Target Street	Cross Street	Source
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E AVENUE H8 2005

233	KOSO INTERNATIONAL INC
	PACIFIC SEISMIC PRODUCTS INC
3001	OCCUPANT UNKNOWN,
3034	GERBITZ, JESSE W
3044	MUNOZ, SANDRA L
3056	SCOTT, DAVID A
3065	MAIDA, EILIYA
3103	AVALOS, LAURA
3105	RIVERA, ARMANDO
3106	SANDOVAL, MIGUEL A
3108	OCCUPANT UNKNOWN,
3112	ANDRADE, RAMON
3114	OCCUPANT UNKNOWN,
3116	HERNANDEZ, LILIA
3118	HERNANDEZ, MARIA A
3120	OCCUPANT UNKNOWN,
3124	CROWTHER, BRUCE R
3136	BEASLEY, DEREK J
3146	SEYMOUR, RALPH T
3149	MELANDER, KARIN
3153	HERNANDEZ, SALOMON
3158	GONZALEZ, JAIME
	POTVIN, DONALD J
3200	KOHLER, EVELYN L
3205	BAGGALEY, CHRISTIAN S
3211	KENNY, SEAN M
3212	MILLER, SHIRLEY M
3220	JENSEN, NIEL A
3225	OCCUPANT UNKNOWN,
3236	DANTICE, DANIAL L
3241	GREGG, DEREK R
3242	BLANCAS, AIDE
3250	RAMIREZ, ARTURO R
3251	GARCIA, JEFFREY J
3255	CREWS, PAUL A
3266	GONZALEZ, EDWARD
3304	JONES, JEAN A
3309	OCCUPANT UNKNOWN,
3314	CLEMELS, JUDY
	NAVA, LUIS M
3321	BURT, KEVAN
	QUIGLEY, KATHLEEN A
	RUSH, RAYMOND E
3324	SULLINS, BILL G
3339	WILLIS, GERALD G
3348	OCCUPANT UNKNOWN,
3355	OCCUPANT UNKNOWN,
3509	RICO, JUAN
3529	PURSLEY, DENNIS D
18202	MEDLEN, WILLIAM

Target Street	Cross Street	Source
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E AVENUE H8 2005 (Cont'd)

18257 OCCUPANT UNKNOWN,
18323 ACOSTA, FERNANDO
19425 ZELLERS, AL
25303 OCCUPANT UNKNOWN,
25555 CHAVES, ADRIAN W

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

20TH ST E 2000

44248	GLEICH, RUTH
	POWERS, T J
	VANSCHOONHOVEN, MICHAEL D
44250	ALLEN, J
	DAVIS, STEVEN J
	PEARCE, JOHN
44252	COPPINI, C A
	KNIGHT, RICHARD E
	MOSER, CRAIG
44254	ELLIOT, LISA A
	GAITAN, JAIME M
	GARTON, DENISE
	JENT, GUY
	RHODES, DANIEL B
44256	AUSTIN, GERALD W
	CARDONA, CHRIS
	LORD, DANNY
44258	MCCOY, WILLIAM
45545	CHADICK, BILLY W
46035	FLEMING, LYLE E
46047	WOODS, JOHN

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E AVENUE H8 2000

3001	MORRISON, JAMES S
3034	DEBEAN, HELEN C
3036	OCCUPANT UNKNOWN,
3042	OCCUPANT UNKNOWN,
3044	OCCUPANT UNKNOWN,
3056	RUIZ, MONIQUE
3102	OCCUPANT UNKNOWN,
3103	OCCUPANT UNKNOWN,
3106	OCCUPANT UNKNOWN,
3110	ENRIQUEZ, F
3124	OCCUPANT UNKNOWN,
3136	OCCUPANT UNKNOWN,
3149	BAIR, WAYNE
3153	OCCUPANT UNKNOWN,
3205	OCCUPANT UNKNOWN,
3212	OCCUPANT UNKNOWN,
3220	OCCUPANT UNKNOWN,
3236	OCCUPANT UNKNOWN,
3241	MCCOY, JOY W
3242	BARNES, P A
3250	OCCUPANT UNKNOWN,
3255	LENTZ, JEFFREY L
3266	HOLSTROM, MILTON F
3304	JONES, JEAN
3336	BRADLEY, LAVERNE
18202	CHAVEZ, S

Target Street	Cross Street	Source
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20TH ST E 1995

44248	CANNON, GLORIA
	DENSING, MATTHEW
44250	BOYD, DONTE
	MARTENS, LISA
	TOVAR, JAIME
	WHITE, JEFFREY
44252	BADER, C
	GROVER, STEVE
	HASLAUER, JOHN
	VICK, THOMAS E
44254	PALMER, GLENN
44256	PRICE, C
44258	KIRK, RICHARD
45545	BRYANT, JOHN
46035	FLEMING, LYLE E
46047	WOODS, JOHN
46057	OCCUPANT UNKNOWNN
46126	SMITH, WALTER G
46602	TRACEY, ROY G

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E AV H 8 1995

3158 HALEY, C

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E AV H8 1995

3153 HUMES, DONALD

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E AVENUE H8 1995

151	SAMROD CONSTRUCTION & TRUCKING
	SAMROD CORP
233	CHENEY SIGN CO
	KOSO INTERNATIONAL INC
247	CASEYS CUSTOM IRON
261	HIGH INDUSTRIES INC
1734	ARC AV EXTENDED DAY CARE CTR
	ARC BEHAVIOR ACTIVITY CTR
3044	ABRAMS CONCRETE PUMPING
3056	HALEY, RAYMOND
3057	KOSMAN, SHIRLEY
3058	WARD, KENNETH C
3158	POTVIN, DONALD J
3251	GARCIAS PAINTING

Target Street	Cross Street	Source
-	✔	EDR Digital Archive

E H 8 AVE 1995

3034	GERBITZ, JESSE
3056	HALEY, RAYMOND
3103	MARCOS, F
3105	OCCUPANT UNKNOWNN
3106	OCCUPANT UNKNOWNN
3108	DAVIS, JESSE
3112	OCCUPANT UNKNOWNN
3114	WRIGHT, T M
3118	OCCUPANT UNKNOWNN
3120	OCCUPANT UNKNOWNN
3147	OCCUPANT UNKNOWNN
3149	ERBES, M M
3153	OCCUPANT UNKNOWNN
3158	OCCUPANT UNKNOWNN
3212	MILLER, VICTOR H
3220	DURANT, EUGENE
3236	OCCUPANT UNKNOWNN
3241	DEPRETER, DENNIS
3255	OCCUPANT UNKNOWNN
3266	HOLSTROM, MILTON F
3304	ACKERMANN, JEAN
3324	SULLINS, B G
3336	OCCUPANT UNKNOWNN
3339	WILLIS, GERALD W
3348	OCCUPANT UNKNOWNN
18353	OCCUPANT UNKNOWNN

Target Street	Cross Street	Source
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20TH ST E 1992

43853 UVALLE, JACINTO
44122 DITTMAN TRACTOR SRV
DITTMAN, DUAINE
EL RANCHO MBL HM PK
44214 WHITTON, EDWIN
44236 CASA BONITA APTS
44900 MONTAVON, VERNON L
44933 LAWLEY, A J
45545 CHADICK, BILLY W
45607 STERK, P A
46035 FLEMING, LYLE E
46047 WOODS, JOHN
46126 SMITH, WALTER G
47316 HEBERT, RAYMOND
47516 SHROUT, R

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

AVENUE H 8 EAST 1992

151	SAMROD CORP
233	CHENEY SIGNS
247	CASEYS CUSTOM IRON
261	HIGH INDUSTRIES INC
1734	A R C A V DAY CARE

Target Street	Cross Street	Source
-	✔	EDR Digital Archive

E AVENUE H8 1992

18353 OLIVERIO, ABEL C

Target Street	Cross Street	Source
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20TH ST E 1987

44900	MONTAVON Vera L	948-1581	
	MONTAVON Vernon L	948-1581	
44901	ROBERTS Jas E	942-8038	+7
	ROBERTS Linda O	942-8038	+7
44933	LAWLEY A J	942-7897	
45125	XXXX	00	
45305	XXXX	00	
45427	LANCASTER Arabella	942-3025	9
45545	CHADICK Billy G	948-4295	3
45607	STERK P A	942-0905	
45807	XXXX	00	
46035	FLEMING Lyle E	942-2481	
46047	WOODS Bethel	948-0289	
	WOODS John	948-0289	
46126	SMITH W G	942-0729	
46310	XXXX	00	
46602	XXXX	00	
47516	SHROUT R	945-5437	6
★	7 BUS 439 RES	173 NEW	

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

E AVENUE H8 1987

AVENUE H 8 EAST 93535 LANCASTER

151	★SAMROD CORP	945-3602	3
233	★CHENEY SIGNS	942-3525	0
237	XXXX	00	
247	XXXX	00	
261	★HIGH NORMAN JR	942-3530	9
1734	★DESERT HAVEN TRAING	945-0100	5
	★FREDERICK D CHLD DV	948-5323	4
3030	EDMONDSON Lao	946-3082	+7
	EDMONDSON Madalina	946-3082	+7
3034	GERBITZ Jaasa	946-2020	
3044	BERNARO Kannath	946-2387	
	BERNARD Sharri	946-2387	
3056	XXXX	00	
3065	XXXX	00	
3103	FAIRBROTHER David	946-1333	+7
	LUGER K	946-1300	6
3105	ANDERSON Barbara	946-1987	5
3106	MILLS Glan	946-1770	5
3108	XXXX	00	
3112	WOOD D	946-2662	6
3114	WRIGHT T M	946-1888	8
3116	XXXX	00	
3118	XXXX	00	
3120	XXXX	00	
3124	XXXX	00	
3147	KNAPP Robt J	946-2552	
	KNAPP Sylvia	946-2552	
3149	ERBES M M	946-1881	
3153	HUMES Donald	946-1339	0
3158	HALEY Claranca	946-2463	+7
3212	MILLER Victor Magt	946-1459	
3220	DURANT Eugana	946-3290	+7
3225	XXXX	00	
3236	TANNER Jill	946-3086	
	TANNER Pat	946-3086	
3241	XXXX	00	
3251	★GARCIAS PAINTING	946-3289	6
3255	★LEES BEES	946-1635	6
3259	XXXX	00	
3266	HOLSTROM Milton F	946-1906	5
3304	BEALE Jas L	946-2030	3
3309	SCHRAMM Jack	946-2386	6
	SCHRAMM Sharry	946-2386	
3320	XXXX	00	
3321	XXXX	00	
3323	CORNEJO Damian	946-2609	6
3324	SULLINS B G	946-2422	9
3336	BRADLEY Lavarne	946-2072	4
3339	WILLIS Garald W	946-3127	3
3348	PATRIZIO Vincant	946-2253	
18103	DILLON Bartha I	727-1425	
	DILLON Evan F	727-1425	5
18202	SHIFFER Darral	727-1625	5

★ 7 BUS 46 RES 5 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

20TH ST E 1982

44900	MONTAVON VERNON L	948-1581 4
44901	ALOE VERA PRODUCTS	942-8522 +2
	GRISWOLD DANL	945-3062 +2
44933	LAWLEY A J	942-7897
45125	XXXX	00
45305	XXXX	00
45427	LANCASTER ARABELLA	942-3025 9
45545	HENSTRA JACK	942-3030 9
45607	STERK P A	942-0905
45807	XXXX	00
46035	FLEMING LYLE	942-2481
46047	WOODS JOHN	948-0289 +2
46126	LECLAIR RACING STBL	942-2777 +2
	MURRAY TERRY	948-9155 +2
	SMITH W G	942-0729
46310	XXXX	00
46602	XXXX	00
47516	XXXX	00
48303	KELLAR BOYD M	942-6881 0
48350	HEJLIK ROBT	948-8235 +2
•	8 BUS 292 RES	52 NEW

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

E AVENUE H8 1982

AVENUE H 8 EAST 93535 LANCASTER

233	CHENEY SIGNS	942-3525	0
237	(XXX)	00	
247	L&K MECHANICAL CONT	948-0891	+2
261	HICH NORMAN JR	942-3530	9
1734	ANTELP VL ASC RTRD	948-5173	0
	DESERT HAVEN TRNG	948-9170	8
	DESERT HAVEN TRNG	948-5173	1
3030	XXXX	00	
3034	GERBITZ JESSE	946-2020	4
3056	XXXX	00	
3065	SCHAEFER DOTTIE	946-3185	+2
	WELDEN HOWARD	946-1285	+2
3103	REASNER ALBERT	946-2700	1
3105	XXXX	00	
3108½	PUSTIZZI CHARMAIGN	946-3175	+2
3112	WOOD D	946-2392	1
3114	WRIGHT T M	946-1888	8
3116	XXXX	00	
3118	WASSON B	946-2292	1
3120	ELROD DAN	946-3117	+2
3124	WOLF RICHARD	946-1425	8
3136	XXXX	00	
3146	SEYMOUR RALPH	946-1446	
3147	XXXX	00	
3149	ERBES M M	946-1881	4
3153	HUMES DONALD	946-1339	0
3158	XXXX	00	
3212	MILLER VICTOR MSGT	946-1459	
3225	SWANGLER INSULATION	946-213B	0
3241	ANDERSON CLYDE L	946-2091	
3251	XXXX	00	
3259	SCHRAMM JACK	946-1795	1
3320	REINWALD NORMAL	946-2278	+2
3321	XXXX	00	
3324	SULLINS B G	946-2422	9
3336	HOUSE SHELBY	946-2072	7
3348	PATRIZIO VINCENT	946-2253	
18103	DILLON EVAN	946-1215	4
18202	SHIFFER DARREL	946-2085	0
•	6 BUS 33 RES	6 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

20TH ST E 1976

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44122...EL RANCHO TRLR PARK
       ABERCROMBIE EDNA      942-6492
       ACORO VAN S           948-1466
       ALLEN WILLARD         948-6342 4
       ALLINGTON R E         942-7670 4
       BAKER J               948-3597
       BAKER LOELLA F        942-4667
       BERRY M F             948-6562 4
       BRUGETTE A C          948-5191 3
       BURNS ROBT W          948-7706+6
       CASEY LEO M           948-1294
       CLARK R O             942-4966 4
       CLEMENTS ELLEN        948-1928 4
       CONRAO ERNEST L       948-1936 4
       COPPOCK JOHNNY B      948-4380+6
       CORRINGTON JAS        948-3653
       DAVIS OEAN S          942-5558+6
      *ELRANCHO TRAILER PK   942-2417 4
       FAWKS JOHN            942-5490 5
       FOX RUSSELL K         948-5656
       FRANCIES WM           942-3875
       HAMMOND DAVID         942-4978 4
       HIGGS GUY A           948-3257
       HUOGINS OAN           942-6757 4
       KENNEOY G T           942-0721
       KISNER C B            948-9678 4
       KISNER WANOA          948-9678 4
       KOBLISKA M            942-8348
       MANCHAN LAURA         948-4306 5
       MAY BARTH             942-8768+6
       MCCLARY BOB           948-3890 4
       MCCLARY RUTH M        942-3483 5
       MCCOLLUM ERIC         942-0291+6
       MELTON OONALO L       942-8693 3
       MILLARO OIANA         948-8270 3
       MORRIS ANN            948-7934+6
       MORRIS E L            948-7934+6
       MUOGE MARIE E         948-5581 5
       MYERS JIM E           942-6856
       PIKE EOWIN O          942-5034+6
       RICE BERT             942-0685+6
       SCARBERRY RONALO R    948-7412 4
       SCHARTON LILLIAN I    942-5395 4
       SMITH CARL            948-0202+6
       STEINBURG LES E       942-6773+6
       STINNETT BERYL        942-5025 5
       THOMPSON GEO O        942-3319 4
       TOOMBS A R            948-3287
       VENEKLASEN LESTER     942-2532
       WALTON EVA            948-9763+6
       WARO IVAN             942-2417 4
       WARO WANETA           942-2417 4
       WARREN WALLACE S      942-2417
       WHITE J W             948-4204
       WILLIAMS EUGENE       948-4997 5
       WILLIAMS ROBT M       948-9688+6
       WILLIS GERALO W       942-9798
       WILSON ELDEN J        942-1948
       WRIGHT ROBT W         942-2627 3
       YOUNG ESTELLA M       948-1384 5
       ZEIGLER HAROLD L      942-2187+6
44122.....................
44602 MAULOIN V H            942-5681
44900 MONTAVON VERNON L      948-1581 4
44901 GRISWOLO OANL          942-8522 3
44933 LAWLEY A J             942-7897
```

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

20TH ST E 1976

..20TH E 93534 CONT..

44955 LAWLEY JEFF 948-5186+6
45427 HARRIS OANL O 942-6568 3
LANCASTER CLYDE 942-3025
45545 HENSTRA JACK 942-3030
45607 STERK P A 942-0905
45807 OANTICE OALE 948-4037
46035 FLEMING LYLE E 942-2481
46126 SMITH W G 942-0729
46310 XXXX 00

• 4 BUS 217 RES 52 NEW

Target Street	Cross Street	Source
-	✔	Haines Criss-Cross Directory

E AVENUE H8 1976

AVENUE H 8 E 93534 LANCASTER

233	XXXX	00
237	*8 R&8 R SPORTSWEAR	948-1667
247	*U M C SERVICE CO	948-8730 5
	*UNITD MCHNCL CONTRS	948-6047 5
633	AVILA TONY	942-3669 3
1734	*ANTELP VL ASN CHLON	948-5173
	*DESERT HAVN PRE SCH	948-5173+6
3030	EDMONDSON LEO L	946-1951
	*L&M EQUIP RENTAL	946-1951
3034	GERBITZ JESSE	946-2020 4
3056	XXXX	00
3065	TOMPKINS JOHNNY O	946-1643 5
3103	SKINNER ROBT W	946-1597 5
3105	WRIGHT ARTHUR R	946-1271
3108½	STORM JOHN T	946-2186+6
	STORM KATHY	946-2186+6
3110	JOHNSTON R M	946-2084 3
3114	PINLEY ALAN L	946-1692+6
3118	LIZAMA BETTY	946-2571+6
	LIZAMA JOS	946-2571+6
3120	GATTONE LOUIS	946-1570+6
3136	MATHIEU ALBERT J	946-2385+6
3146	SEYMOUR GUY SR	946-1446
3147	CUNNINGHAM ROBT	946-1520+6
	MCCARTHY DAVE	946-1520+6
3149	ERBES M M	946-1881 4
3212	MILLER VICTOR MSGT	946-1459
3241	ANDERSON CLYDE L	946-2091
3321	MILLER D L	946-1592+6
3336	HOUSE SHELBY	946-2072+6
3348	PATRIZIO VINCENT	946-2253
3529	JONES WM E	946-1628 5
18103	DILLON EVAN	946-1215 4
18202	BOURGET AUGUST	946-2522 4
	* 6 BUS 28 RES	12 NEW

Target Street	Cross Street	Source
✔	-	B & G City Directory

20TH ST E 1970

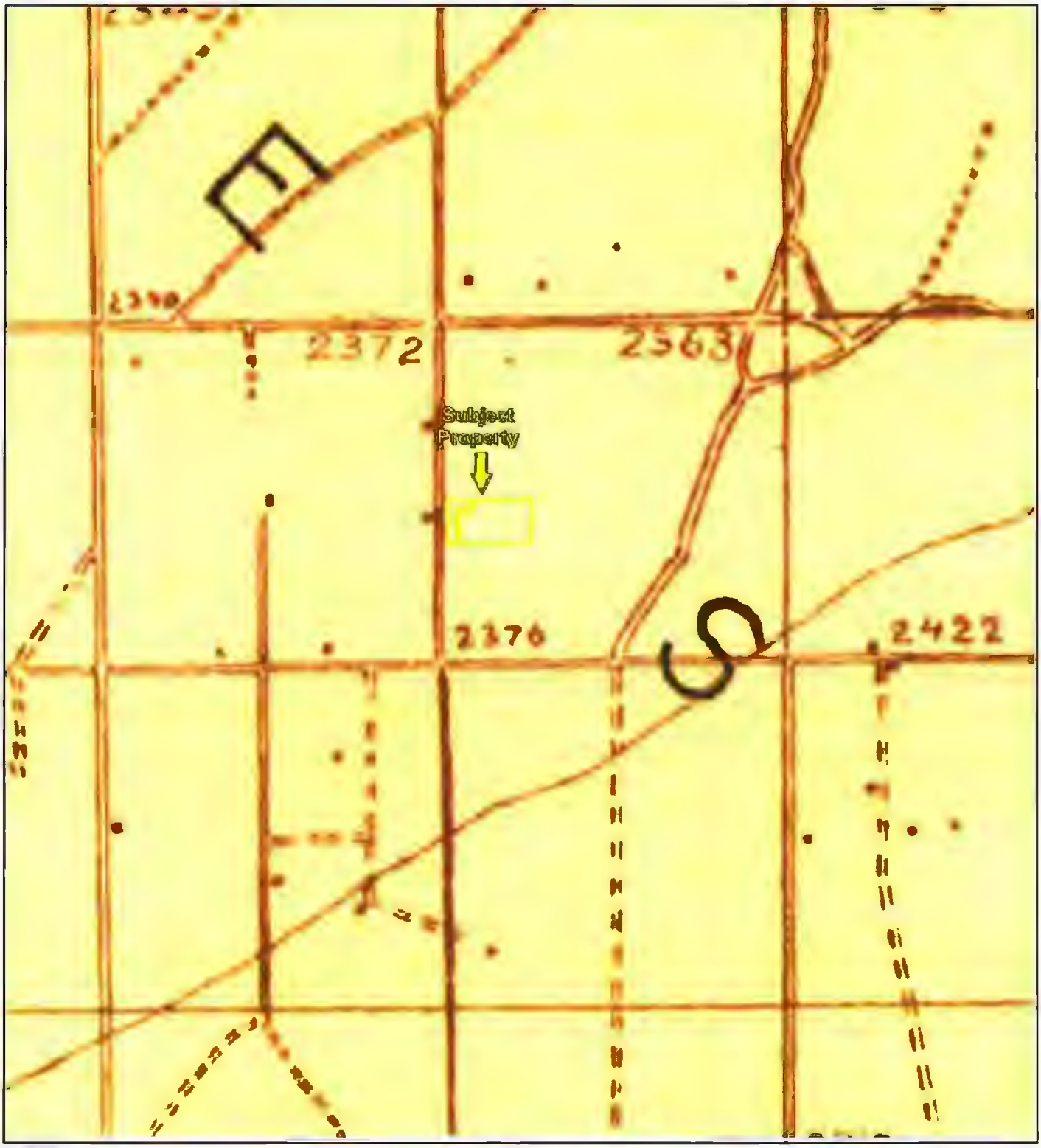
44122 EL RANCHO TRAILER PRK WH2-2417
GIBSON CHAS WH8-1202
CORRINGTON J WH8-3653
BAKER BEN WH8-3597
CAMPBELL L F WH8-3426
DARNELL PAUL WH2-6452
CASEY LEO WH8-1294
REEVES ROBERT WH8-2901
MORA MARTIN WH2-7085
MYERS JIM WH2-6856
SNAPP HOWARD WH8-2936
STREETER JAMES WH2-0523
STEINBACH R WH8-5895
STODDART R WH2-4697
FOX RUSSELL WH8-5656
O'KINS CHAS WH8-8055
PHILLIPS ROBT WH2-9685
SCOTT DAVID WH2-2441
SEACORD GARY WH2-1658
SKELTON MAX WH8-3658
SLANKARD W WH2-0253
WILSON ELDEN WH2-1948
ALFORD FRANK WH8-8026
MEDCALF E WH8-3849
THREEWIT H WH8-6251
GETZ HOWARD WH2-4920
CLEMANS HERMAN WH2-0592
HARMAN FRENCH WH8-2725
HOFFMAN J L WH2-6550
KENNEDY G T WH2-0721
LEGG TOM WH8-3927
CROW DOLORES WH8-6738
HARE C W WH8-4400
HIGGS GUY WH8-3257
LEMIEUX VICTOR WH2-6732
LASWELL MORRIS WH8-3957
PHELPS HOWARD WH8-3079
POOLE BILL WH8-2462
RAHN JOE P WH2-0736
MEEKS MONTY WH2-2922
LOUNSBURY R WH8-3255
WARD GEORGE WH2-0274
WARREN WALLACE WH2-2417
WELDER SARAH WH8-5589
WHITE JOSEPH WH8-4204
WILLEY NOBLE WH2-9973
WILLIAMS GEO WH2-2993
WILLIS GERALD WH2-9798
WIRCH J K WH2-0585
WISNIEWSKI JOS WH8-2455
UNDERWOOD M WH2-3042
VENEKLASEN L WH2-2532
JENSEN WILFRED WH8-8237
CALFEE R L WH8-8055
COLLINS V WH8-6330
TOOMBS A R WH 8-3287
COOPER PAULINE WH2-6341
44602 MAULDIN V H WH2-5681
44900 MC PHERSON TIM WH8-3787
44901 PUGH EDWARD WH2-6597
44933 LAWLEY OTIS WH2-7974
LAWLEY A J WH2-7897
45305 REPUBLIC HOMES WH8-6713
45427 LANCASTER CLYDE WH2-3025
45545 HENSTRA JACK WH2-3030
45607 STERK PETER WH2-0905
45807 DANTICE DALE WH8-4037
46035 FLEMING LYLE WH2-2481
46057 NO RETURN
46126 SMITH W G WH2-0729
46310 MAXSON MARY WH2-8123

Target Street	Cross Street	Source
-	✓	B & G City Directory

E AVENUE H8 1970

AVE H-8 EAST (LAN) 93534

233 H & H CONSTR WH8-3226
237 B R & B R SPORTSWEAR WH8-1667
1734 A V ASSN RETARDED CHILDREN WH2-8195
DESERT HAVEN TRAINING CNTR WH2-8195
3030 EDMONDSON L WH6-1951
3056 MATTINGLY M WH6-2094
3065 TOMPKINS G WH6-1218
3105 WRIGHT A R WH6-1271
3108 NO RETURN
3112 RIXMAN LESTER
3114 KIEFER GEORGE F
3116 REED ROBERT WH6-2122
BOB'S TRANSPORT WH6-1688
3118 MAHLING RICHD WH6-2127
3120 MILLER EDW WH6-2225
3124 MORROW J WH6-1454
3146 SEYMOUR GUY WH6-1446
3149 ERBES RUSSELL WH6-1881
3212 MILLER V H WH6-1459
3241 ANDERSON C WH6-2091
3246 NO RETURN
3321 TARBELL ROBT WH6-1137
3348 PATRIZIO V WH6-2253
3529 HUGHES IRMA WH6-1612



TP, Elizabeth Lake, 1915, 30-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

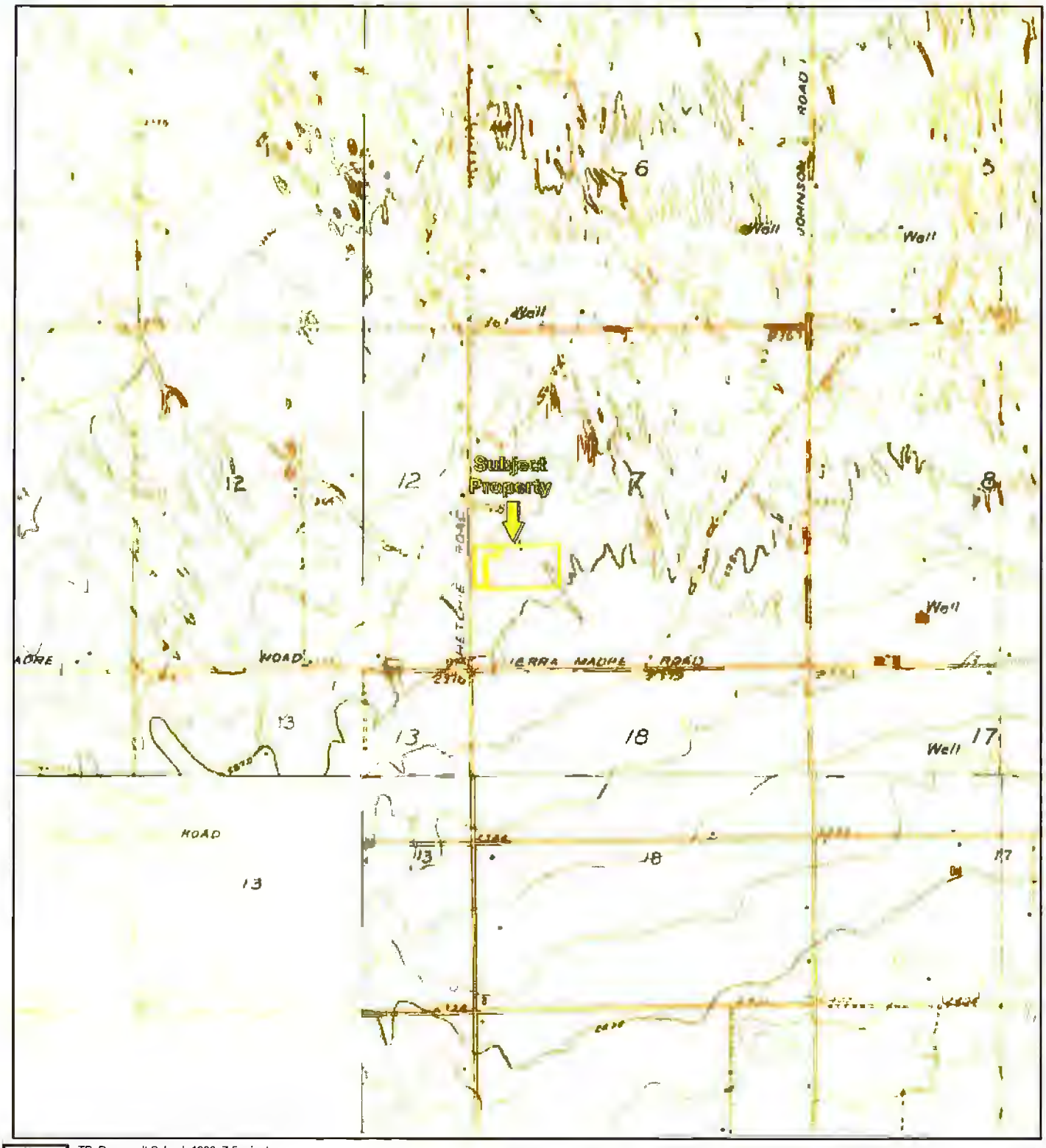


TP, Elizabeth Lake, 1917, 30-minute

0 Miles 0.25 0.5 1 1.5

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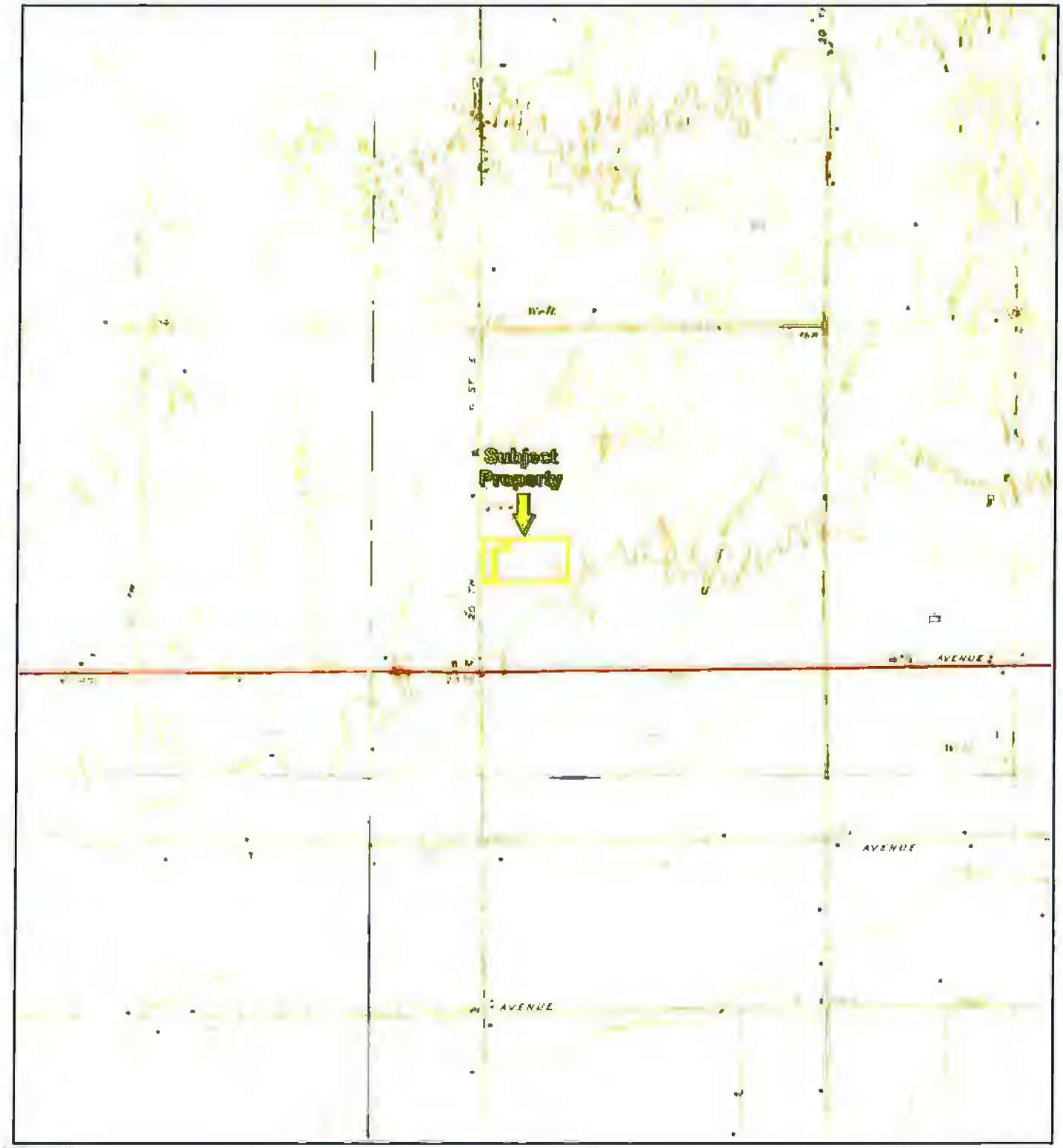


TP, Roosevelt School, 1930, 7.5-minute
SE, Tierra Bonita, 1930, 7.5-minute
SW, Lancaster, 1930, 7.5-minute
NW, Oban, 1930, 7.5-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

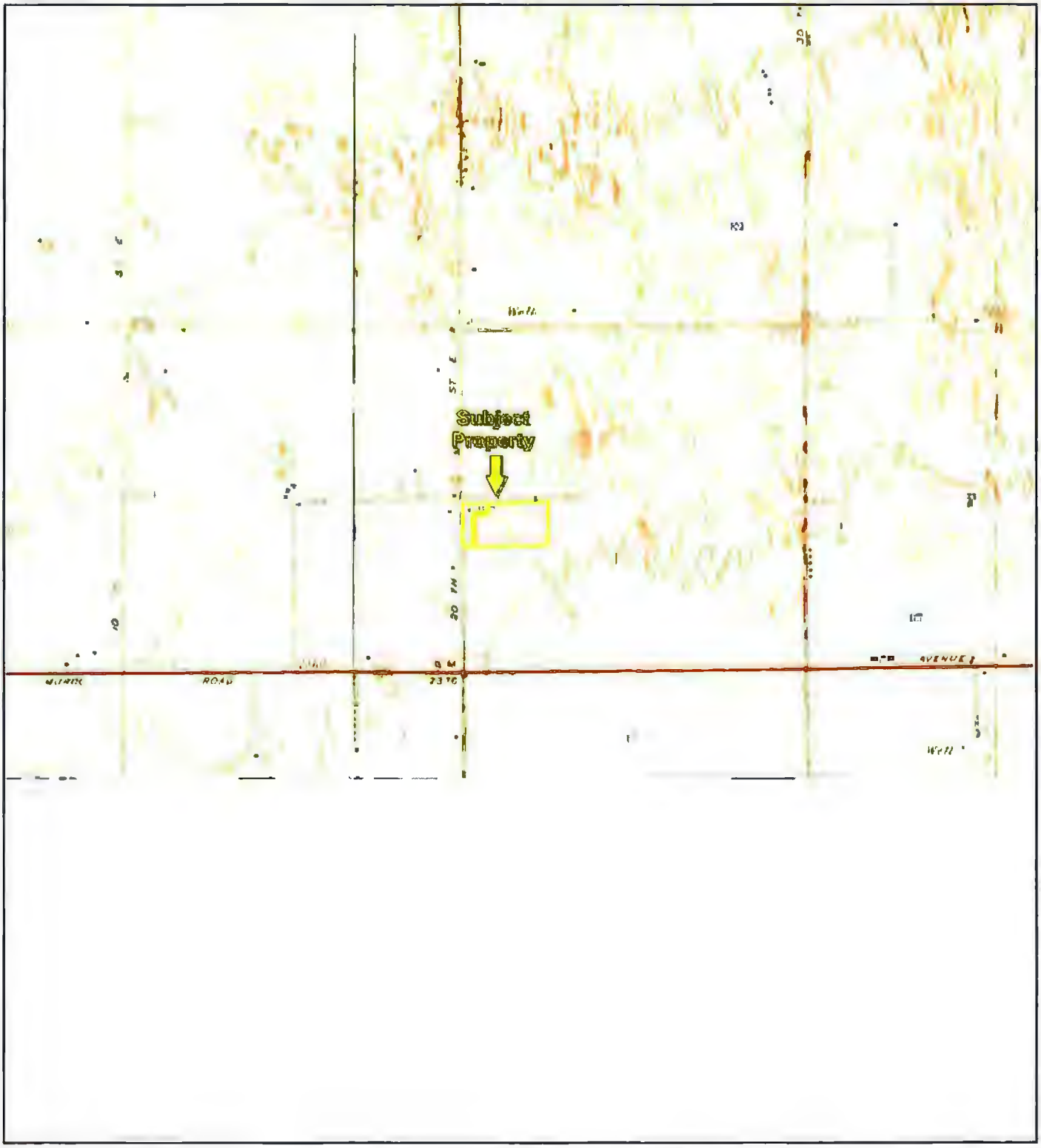


TP, Roosevelt School, 1933, 7.5-minute
SE, Tierra Bonita, 1933, 7.5-minute
SW, Lancaster, 1933, 7.5-minute
NW, Oban, 1933, 7.5-minute

0 Miles 0.25 0 5 1 1.5

N

Key: Subject Property

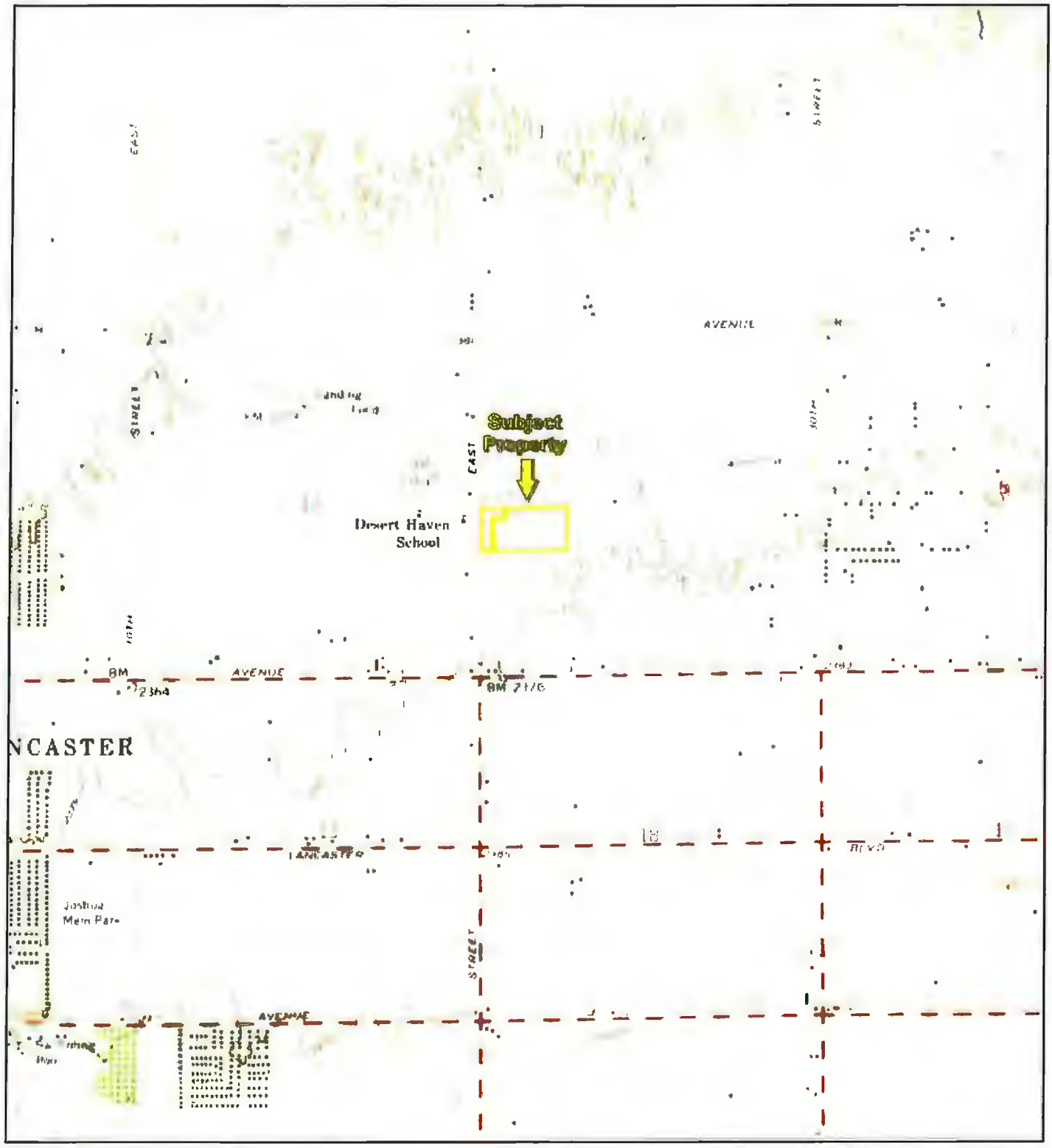


TP, Roosevelt School, 1948, 7 5-minute
NW, Oban, 1948, 7.5-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

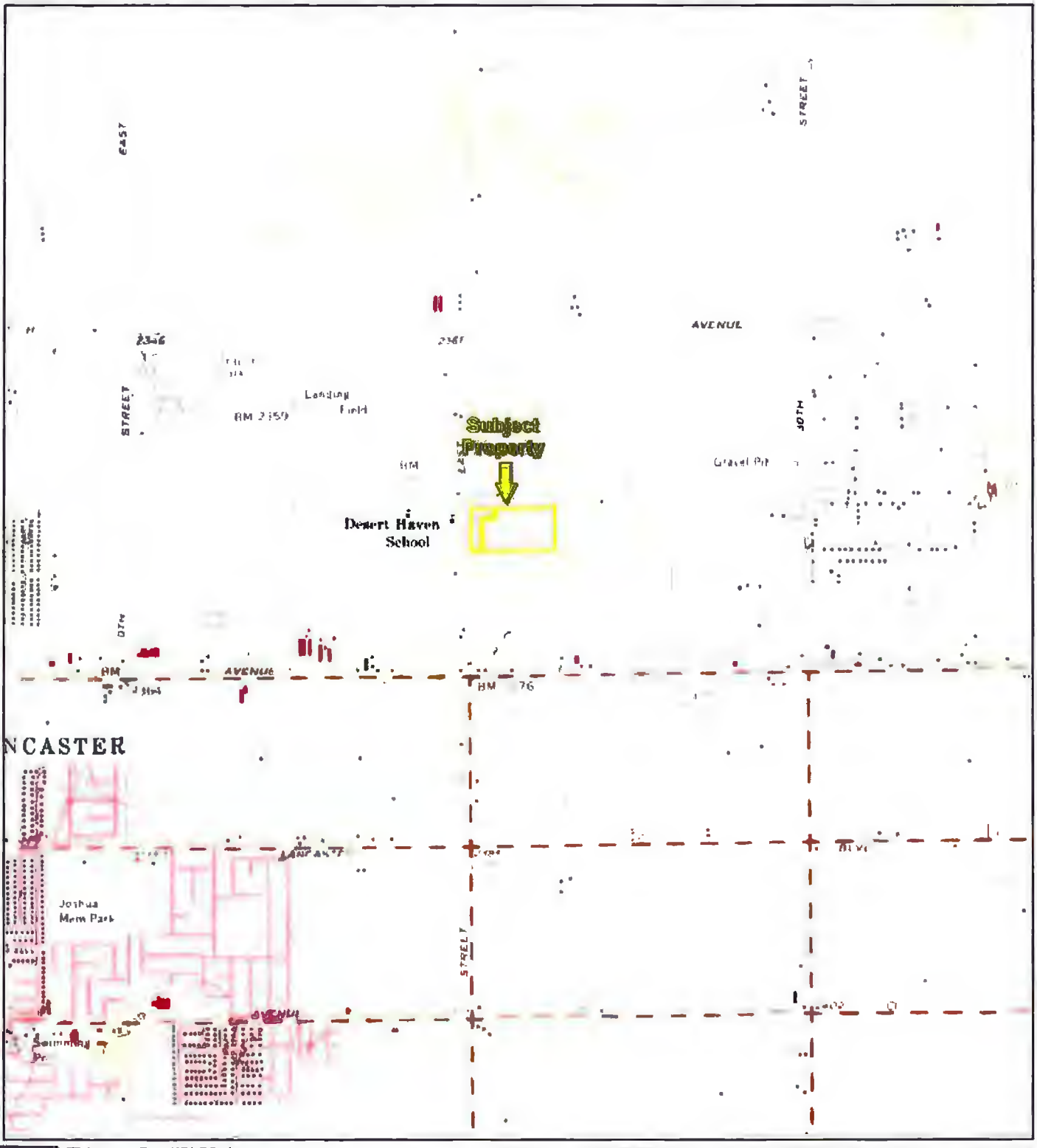


TP, Lancaster East, 1958, 7.5-minute

0 Miles 0.25 0.5 1 1.5

N

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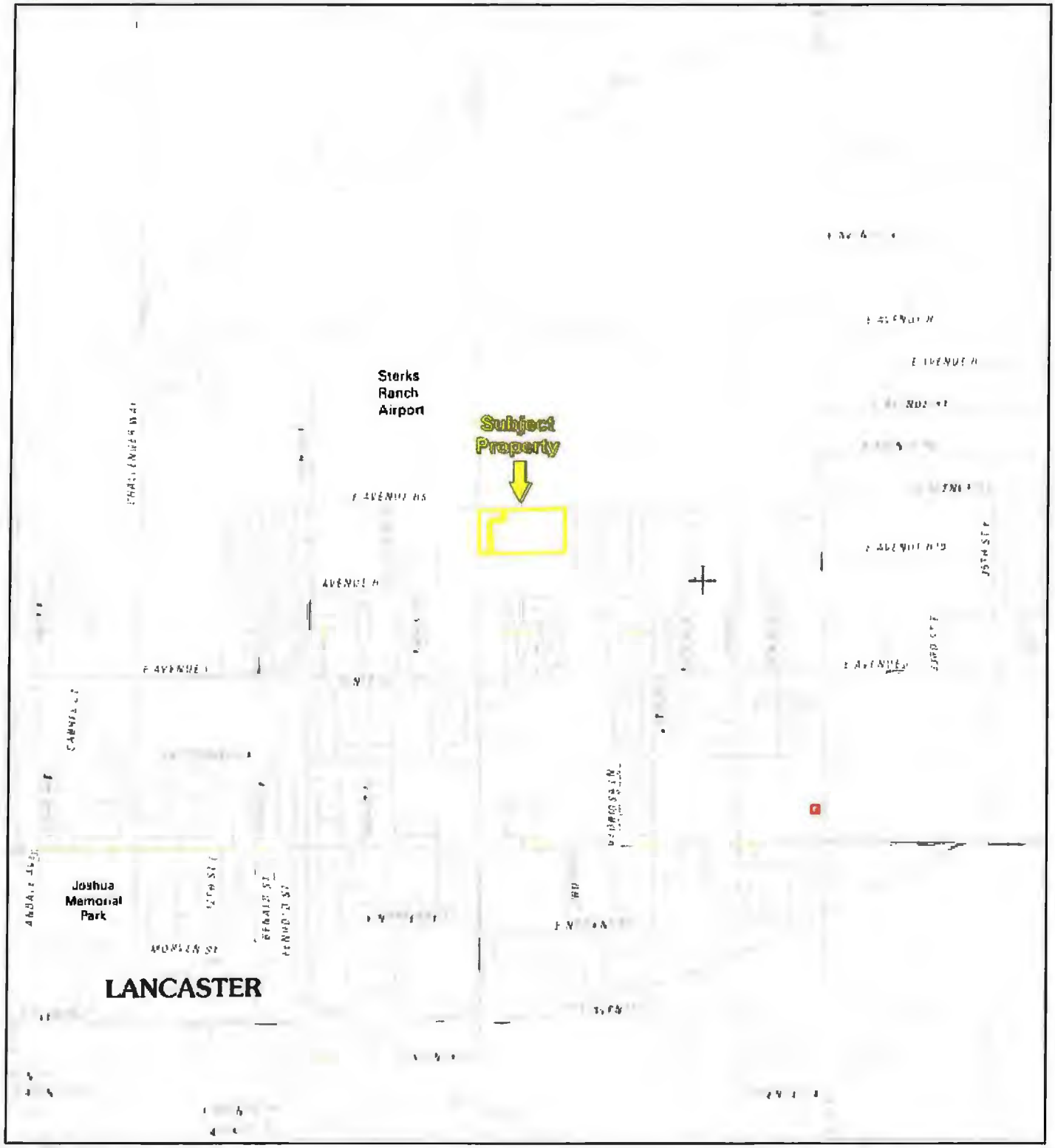


TP, Lancaster East, 1974, 7.5-minute

0 Miles 0.25 0.5 1 1.5

N

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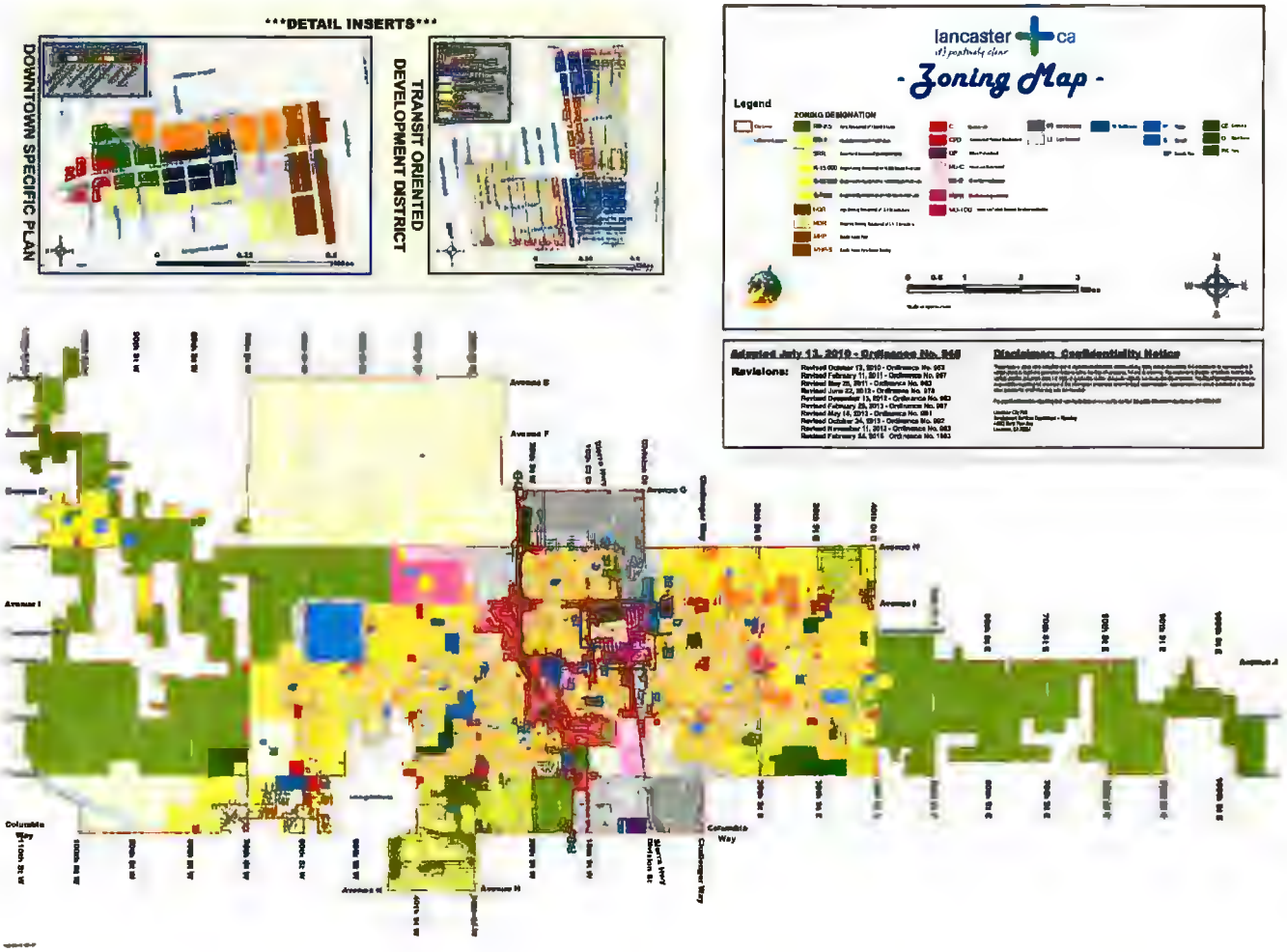


TP, Lancaster East, 2012, 7.5-minute

0 Miles 0.25 0.5 1 1.5

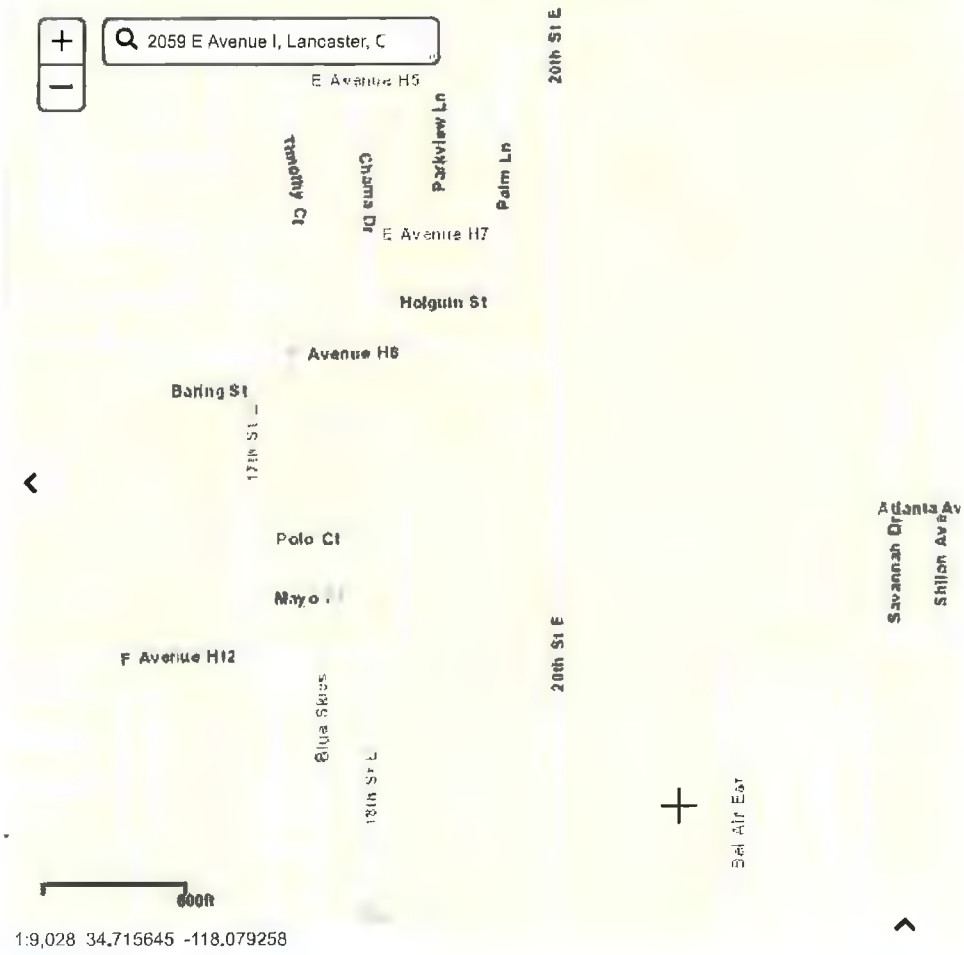
N

Key: Subject Property


DETAIL INSERTS
DOWNTOWN SPECIFIC PLAN
TRANSIT ORIENTED DEVELOPMENT DISTRICT
lancaster ca
- Zoning Map -
Legend
ZONING DESIGNATION
Adopted July 13, 2019 - Ordinance No. 948
Revisions:
Revised October 12, 2010 - Ordinance No. 903
Revised February 11, 2011 - Ordinance No. 907
Revised May 25, 2011 - Ordinance No. 913
Revised June 22, 2012 - Ordinance No. 978
Revised December 13, 2012 - Ordinance No. 983
Revised February 26, 2013 - Ordinance No. 987
Revised May 14, 2013 - Ordinance No. 991
Revised October 24, 2013 - Ordinance No. 997
Revised November 11, 2013 - Ordinance No. 983
Revised February 24, 2015 Ordinance No. 1063
Disclaimer: Confidentiality Notice
Avenue G
Avenue F
Avenue I
Avenue H
Avenue J
Avenue K
Avenue L
Avenue M
Avenue N
Columbia Way
Challenger Way
Sierra Hwy
Division St
Columbia Way

Well Finder
CalGEM GIS

- Well Status and Well Type Filter
- Search
- Zoom to Field
- Measurement
- Layers



1:9,028 34.715645 -118.079258

Parcel Profile Report

Report date: 8/31/2021 12:08:51 PM

APN: 3154-002-094

Address: VAC/COR AVE H8/20TH STE LANCASTER CA 93535





Address: VAC/COR AVE H8/20TH STE

City: LANCASTER CA

Owner:

Mailing Address:

Mailing City:

Lot Size Sq Ft: 805677

Lot Size Acres: 18.50

Legal Description:

N 1/2 OF N 1/2 EX OF STS OF LOT 2 IN SW 1/4 OF SEC 7 T 7N R 11W

Use Code: 580V

Use Description: Desert

Tax Rate Area: 15059

Transfer Date:

Last Sale Date:

Last Sale Amount:

Building 1

Design Type:	**Bedrooms:**
Quality Class Shape:	**Baths:**
Year Built:	**Bldg Sq Ft:**
Units:	**Effective Yr:**

NOTE: The information and materials contained herein are provided as a public service to provide planning and zoning information for the unincorporated areas of Los Angeles County. Parcel information shown on this page is from the Assessor's Office. The County has made every reasonable effort to ensure the accuracy of the information and materials contained within.

APN: 3154-002-094

Address: VAC/COR AVE H8/20TH STE LANCASTER CA 93535

General

Census Tract 2010

TRACT: 900605

TOT_POP: 7100

City and Community

City Name: LANCASTER

Type:

Community Name:

Jurisdiction: INCORPORATED CITY

Community Standards District

No Results Found

CSD Area Specific Boundary

No Results Found

DRP Field Office Service Area

No Results Found

DRP Service Area

Name: North Service Area

Equestrian District

No Results Found

Historic Resources

No Results Found

Leased Parcel (Marina del Rey)

No Results Found

LUP Community/Area Plan

No Results Found

LUP General Plan

No Results Found

Rural Outdoor Lighting District (Dark Skies)

No Results Found

Significant Ecological Area (SEA)

No Results Found

Significant Ridgeline

No Results Found

Supervisorial District

Name: 5TH SUP. DISTRICT

Supervisor Name: 5TH DISTRICT: KATHRYN BARGER

District: 5

Transit Oriented District

No Results Found

Watershed

Name: ANTELOPE VALLEY

Zoned District

No Results Found

Zoning (Boundary)

No Results Found

Zoning Map Grid

No Results Found

NOTE: The information and materials contained herein are provided as a public service to provide planning and zoning information for the unincorporated areas of Los Angeles County. Parcel information shown on this page is from the Assessor's Office. The County has made every reasonable effort to ensure the accuracy of the information and materials contained within.

APN: 3154-002-094

Address: VAC/COR AVE H8/20TH STE LANCASTER CA 93535



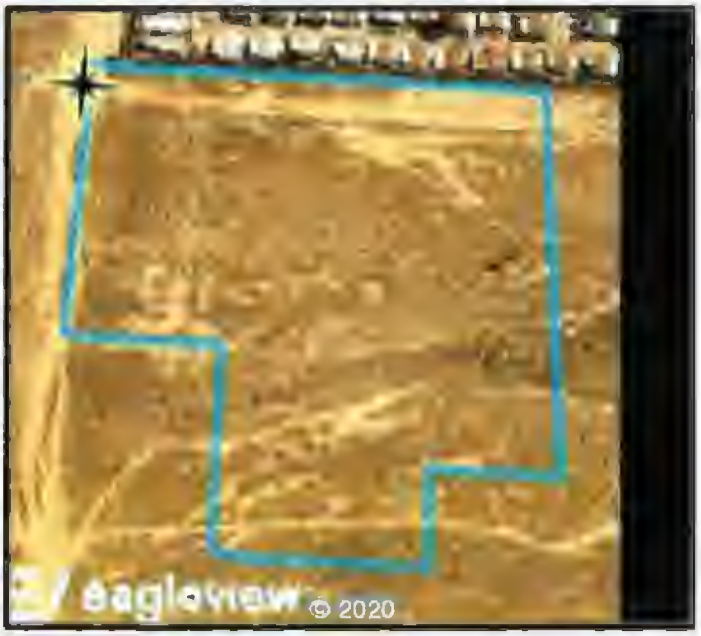
View Looking North



View Looking South

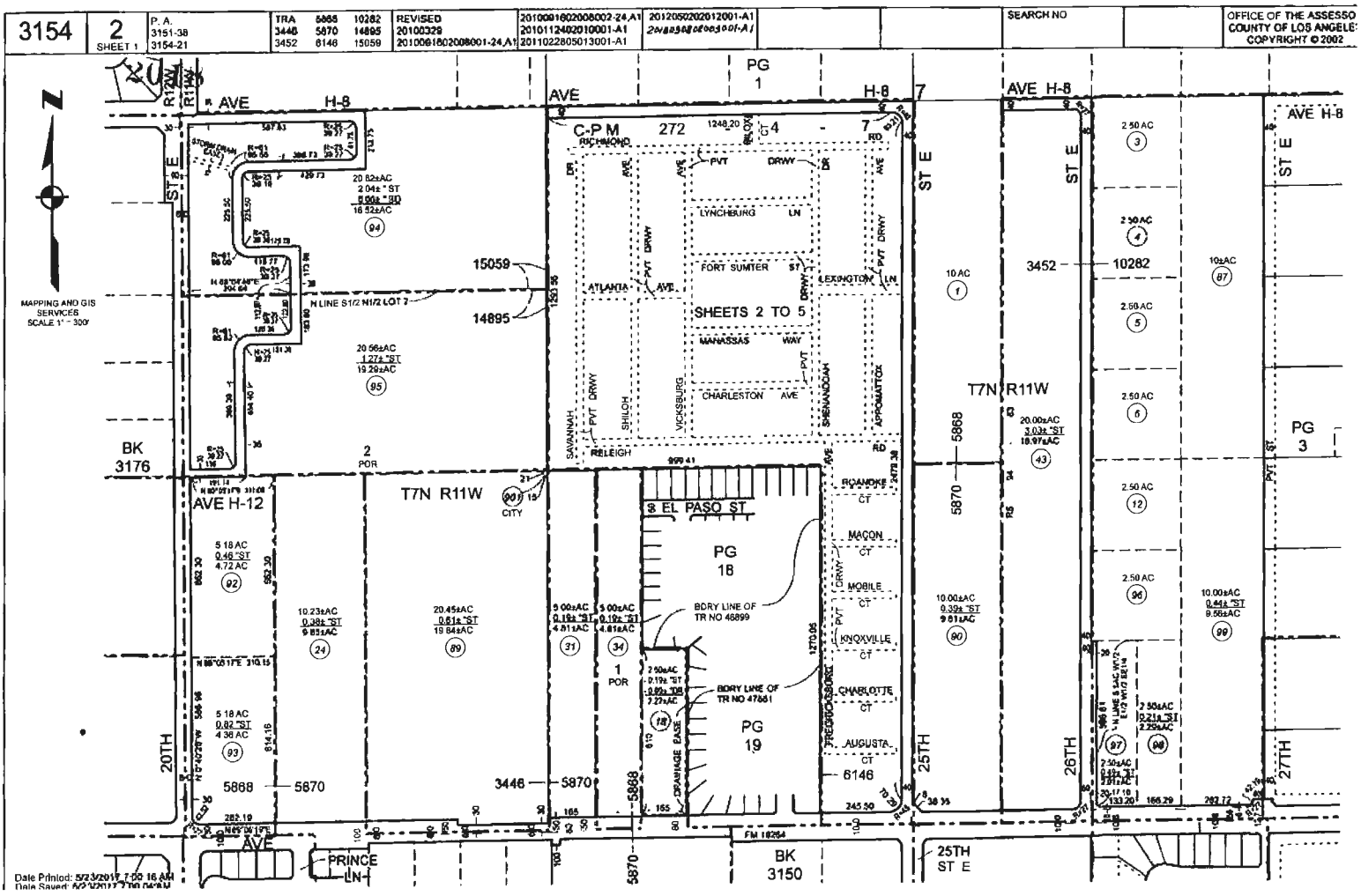


View Looking West



View Looking East

NOTE: The information and materials contained herein are provided as a public service to provide planning and zoning information for the unincorporated areas of Los Angeles County. Parcel information shown on this page is from the Assessor's Office. The County has made every reasonable effort to ensure the accuracy of the information and materials contained within.


3154
2
SHEET 1
P.A.
3151-38
3154-21
TRA 5865 10282
3446 5870 14895
3452 6146 15059
REVISED
20100329
20100616020008001-24.A1
20100916020008002-24.A1
20101124020100001-A1
20110228050130001-A1
20120502020120001-A1
SEARCH NO
OFFICE OF THE ASSESSO
COUNTY OF LOS ANGELE
COPYRIGHT © 2002
MAPPING AND GIS SERVICES
SCALE 1" = 300'
AVE H-8
AVE H-12
PG 1
PG 2
PG 3
PG 18
PG 19
C-P M 272
BLOCK 54
RICHMOND
ATLANTA AVE
LYNCHBURG LN
FORT SUMTER ST
LEXINGTON LN
MANASSAS WAY
CHARLESTON AVE
SAVANNAH
SHILOH
VICKSBURG
SHENANDOAH
APPOMATTOX
RALEIGH
ROANOKE CT
MACON CT
MOBILE CT
KNOXVILLE CT
CHARLOTTE CT
AUGUSTA CT
EL PASO ST
FREDERICKSBURG
PVT DRWY
N LINE S1/2 N1/2 LOT 7
SHEETS 2 TO 5
BDRY LINE OF TR NO 46899
BDRY LINE OF TR NO 47661
DRAINAGE EASE
T7N R11W
BK 3176
BK 3150
CITY
PRINCE LN
FM 18264
20TH
25TH ST E
26TH
27TH
ST E
15059
14895
5868
5870
3446
6146
3452
10282
20.82±AC
2.04± "ST"
5.00± "SD"
16.52±AC
20.96±AC
1.27± "ST"
19.29±AC
5.18 AC
0.46 "ST"
4.72 AC
10.23±AC
0.38± "ST"
9.85±AC
20.45±AC
0.61± "ST"
19.84±AC
5.18 AC
0.82 "ST"
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5.00±AC
0.19± "ST"
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5.00±AC
0.19± "ST"
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0.19± "ST"
0.69± "SD"
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20.00±AC
3.03± "ST"
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9.56±AC
2.50 AC
10±AC
Date Printed: 5/23/2017 7:00:16 AM
Date Saved: 5/23/2017 7:00:04 AM

National Flood Hazard Layer FIRMette



Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

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

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

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

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard
- Effective LOMRs
- Area of Undetermined Flood Hazard Zone D

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

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/13/2021 at 7:12 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

U.S. Fish and Wildlife Service

National Wetlands Inventory

Wetland Map



September 13, 2021

Wetlands

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

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

PHASE I ENVIRONMENTAL SITE ASSESSMENT OF:

TENTATIVE TRACT NO. 062349, APN 3154-002-027
UNDEVELOPED LAND
EAST SIDE OF 20TH STREET EAST BETWEEN EAST AVENUE H AND EAST AVENUE I
CITY OF LANCASTER, CALIFORNIA
93535



AUGUST 23, 2004

PREPARED FOR:

UNITED ENGINEERING GROUP
4505 EAST CHANDLER BOULEVARD, SUITE 270
PHOENIX, AZ 85048

PREPARED BY:

ALL PHASE ENVIRONMENTAL, INC.
8792 LAUDER CIRCLE, SUITE 200
HUNTINGTON BEACH, CA 92646
(800) 567-7729

APR 2005

APEI PROJECT NO. 12569.00

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1.0 SUMMARY

All Phase Environmental, Inc. (APEI) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Practice E 1527-00 of the approximately 20.11-acre site (875,992-square feet) located on the east side of 20th Street East, approximately 647-feet south of the 20th Street East and East Avenue H intersection, Lancaster, in the County of Los Angeles, California, 93535. This site will be referred to throughout this report as the "Property."

This ESA is in conformance with ASTM Standard E 1527-00, including a review of historical documents and records, interviews with key site personnel and regulatory officials, review of environmental setting sources and a visual inspection of the Property and its surroundings. A review of Federal, State and Local environmental records of regulated sites within one (1) mile of the Property was also completed. There are gaps in the reasonably obtainable historical documentation. However, we feel the data acquired and presented in this report provides an accurate history of the Property.

After a review of the Property, adjacent properties and available records and documents regarding the same, our assessment has revealed no evidence of recognized environmental conditions in connection with the Property.

Additional findings of this ESA are summarized in the following Table I; Phase I Environmental Site Assessment Evaluation Summary.

Table I. Phase I Environmental Site Assessment Evaluation Summary

East side of 20th Street East between East Avenue H and East Avenue I, Lancaster, California, 93535

ENVIRONMENTALLY RELATED CONDITION	YES	NO	REC[1]	NA[2]	SECTION
Evidence of any prior uses for the Property other than current operations		X			3.5 3.6
Evidence of prior Property uses that may have resulted in the manufacture, use, bulk storage, treatment, or disposal of any hazardous substances or petroleum products		X			3.5 3.6 5.1 5.2 5.3 5.5
Current use of the Property involves the manufacture, use, bulk storage, treatment, or disposal of any hazardous substance or petroleum product		X			3.4 5.1 5.2 5.3
Evidence of current or prior adjacent property uses that may have resulted in the manufacture, use, bulk storage, treatment, or disposal of any hazardous substances or petroleum products		X			3.8 4.1.1
Activities noted on the Property that require permits under environmental law		X			5.1
Activities noted on the Property requiring permits under environmental law but for which permits have not been obtained		X			5.1
Material Safety Data Sheets (MSDS) required to be maintained on the Property		X			5.1
MSDS maintained at the Property				X	5.1
All utilities present at Property (electricity, gas, sanitary sewers, telephone)	X				3.3
Private utilities at the Property (e.g., sewer system or drinking water)		X			3.3
Potable water source for the Property identified	X				3.3
Water supply wells located on the Property		X			3.2.5
Natural waterways present at the Property		X			3.2.4
Regulated flood hazard area located at the Property	X				3.2.5

[1] Recognized Environmental Condition
[2] Not Applicable

ENVIRONMENTALLY RELATED CONDITION	YES	NO	REC[1]	NA[2]	SECTION
Waste water discharges present at the Property		X			3.2.5
Stressed/dead vegetation (out of season) present at the Property		X			3.3 5.2
Evidence of solid waste dumping or disposal present at the Property	X				5.5
Evidence of hazardous materials discharged into drains, pits, grates, sinks or toilets at the Property		X			5.1 5.2
Stained soils, pavement or floors or floor/pavement corrosion observed at the Property		X			5.1
Evidence of contaminated groundwater present at the Property		X			3.2.3
Discolored flowing or ponded water observed at the Property		X			3.2.1
Pits, cisterns or sumps observed or indicated at the Property		X			3.2.5 5.5
Septic tanks/fields or cesspools present at the Property		X			3.3
Abnormal odors present at the Property		X			5.1 5.2 5.5
Fill soil of unknown origin present at the Property		X			5.1 5.5
Any electrical or hydraulic equipment that has potential to contain PCBs	X				5.4
Any heavy machinery or mechanical system that has the potential to contaminate the Property		X			5.1 5.2
Evidence of any aboveground (AST) or underground storage tanks (UST) at the Property		X			5.3
Known UST sites on any adjacent property		X			4.1.15 4.1.17 4.1.19 4.1.20
Known UST sites within 0.25 mile of the Property		X			4.1.15 4.1.17 4.1.19 4.1.20
Known leaking UST (LUST) sites within 0.50 mile of the Property		X			4.1.15

ENVIRONMENTALLY RELATED CONDITION	YES	NO	REC[1]	NA[2]	SECTION
RCRA permitted facilities within 0.125 mile of the Property		X			4.1.4 4.1.6
Regulatory review detected enforcement actions or non-compliance issues with respect to the Property		X			4.1.1
Regulatory review detected that the Property may be, is or has been, impacted by contamination or a disposal, release or spill		X			4.1.1
Regulatory review detected enforcement actions or non-compliance issues with respect to an adjacent property		X			4.1.1
Regulatory review detected that an adjacent property may be, is or has been, impacted by contamination or a disposal, release or spill		X			4.1.1
Regulatory review detected that a property within one mile of the Property is, or has been, involved with detected enforcement actions, non-compliance issues or has been impacted by contamination, disposal, release or spill		X			4.1
Past or current oil and/or gas explorations, production or distribution activities on or near the Property		X			5.6
Suspect asbestos-containing materials (ACM) at the Property		X			5.8.1
Bulk sampling of suspect materials confirmed the presence of ACM				X	5.8.1
Suspect lead based paint (LBP) and lead in drinking water at the Property		X			5.8.2 5.8.3
Bulk sampling confirmed the presence of LBP or water sampling confirmed the presence of lead in drinking water at the Property				X	5.8.2 5.8.3
Visual evidence of mold or water intrusion that could lead to the propagation of mold were noted at the Property		X			5.8.5
Sampling for mold or moisture confirmed the presence of mold or water intrusion at the Property				X	5.8.5
Property is in an area where radon is a concern		X			5.7
Property is located in an earthquake Liquefaction Zone or is within one-mile of an earthquake quaternary fault line or earthquake epicenter measuring five (5) or greater on the Richter scale		X			3.2.6
Evidence of potential or known special resources, such as wetlands, surface waters or coastal areas, located on the Property		X			3.2.4

2.0 INTRODUCTION

2.1 Purpose and Scope

A Phase I Environmental Site Assessment (ESA) is intended to provide a brief description of the Property, its location and surroundings and to identify, to the extent feasible, associated *Recognized Environmental Conditions* and to create a list of the potential human and environmental receptors. The protocol followed for this assessment is in conformance with the requirements of the American Society for Testing and Materials Standard Practice for Environmental Site Assessment for Commercial Real Estate Transactions, ASTM Standard E 1527-00 with any exception noted in Section 2.3 – Limiting Conditions and Methodology Used. According to ASTM E1527-00, the term *Recognized Environmental Conditions* means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release or the material threat of a release of hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the Property. APEI understands that this ESA will be used by United Engineering Group to perform due diligence with respect to environmental conditions at the Property.

2.2 Limitations and Exceptions of Assessment

Due care was taken during the investigation process, but a Phase I ESA cannot completely eliminate uncertainty about the Property's potential for environmental concerns. It should be noted that all surficial environmental assessments are inherently limited in the sense that conclusions are drawn and recommendations developed from information obtained from limited research and site evaluation. APEI accepts no liability for hidden conditions, variations in composition of materials and identification of materials not normally found in construction use. Subsurface conditions were not field investigated as part of this study and may differ from the conditions implied by the surficial observations. APEI has relied on one or more documents developed by other parties and is not liable for any conclusions drawn using these sources if their findings or procedures were erroneous. Additionally, the passage of time may result in a change in the environmental characteristics at this Property and surrounding sites.

The scope of work for this ESA did not include testing of electrical equipment for the potential presence of polychlorinated biphenyls or collection of other environmental samples. The scope of work did not include a detailed assessment of natural hazards, such as naturally occurring asbestos, radon

gas or methane gas, an assessment of the potential presence of radionuclides, an assessment of nonchemical hazards such as the potential for damage from earthquakes or floods, or the presence of endangered species or wildlife habitats. This ESA also did not include an extensive assessment of the environmental compliance status of the Property, the businesses operating at the Property, or a health-based risk assessment.

Our professional services have been performed, our findings obtained and our recommendations prepared in accordance with customary principles and practices in the field of environmental science and engineering.

2.3 Limiting Conditions and Methodology Used

The entire Property was visually inspected as part of this ESA. Aerial photographs, topographic maps, Sanborn Fire Insurance Maps, building department records and city directories were researched and reviewed if they could provide pertinent information and were reasonably available. A Property representative was interviewed about the current and past use of the Property and surrounding sites. Data from these sources provided detailed information dating back to 1928 when the Property was undeveloped.

An attempt to confirm the history and use of the Property was performed every five (5) years since 1940 in accordance with the ASTM standard. Reasonably available information prior to 1928 and in some subsequent years was not available. However, we feel the data acquired and presented in this report provides an accurate history of the Property.

Information from the Property representative, Mr. Gary Acquilina (Property Owner Representative), dated back approximately three-years to 2001. Aerial photographs with coverage of the Property were found for the years 1928, 1952, 1968, 1989 and 1994. A FEMA Flood Insurance Map (1999) and Wetlands Inventory Map (2002) were reviewed.

Sanborn Fire Insurance Maps with coverage of the Property area were searched but no maps were made for this area. Due to the undeveloped nature of the Property and its lack of a street address, city directories, building permit records and fire department files would not provide useful data and were therefore not researched. The Client did not provide title search information. All areas of the Property were accessible for inspection at the time of the Property reconnaissance. No other general limitations or limiting conditions were noted during the assessment.

2.4 Reliance

This report was prepared for the sole use and benefit of United Engineering Group. The information and opinions rendered in this report are exclusively for the use and reliance by United Engineering Group. APEI will not distribute or publish this report without the consent of United Engineering Group except as required by law and court order. The information and opinions expressed in this report are given in response to a limited assignment by United Engineering Group and should be considered and implemented only in light of that assignment. The services provided by APEI in completing this project have been provided in a manner consistent with normal standards of the profession. This report is not a legal opinion and does not offer warranties or guarantees expressed or implied.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The Property is approximately 20.11-acre and is located on the east side of 20th Street East approximately 647-feet south of the intersection of 20th Street East and East Avenue H-8. The Property is bordered on the west by 20th Street East and adjacent sites to the north, east and south. The Property is located in the City of Lancaster, in the County of Los Angeles, California, 93535. The Property is composed of one parcel and is rectangular in shape with the dimensions of approximately 1353-feet along the north and south borders and 647-feet along the east and west borders.

The Property is undeveloped and is vacant. The APN number for the Property is 3154-002-027. An abbreviated legal description of the Property as provided by a FastWeb Property Profile Report is as follows: "SOUTH ½ OF NORTH ½ (EXTENSION OF STREET) OF LOT 2 IN SW ¼ OF LOT 2."

The approximate latitude and longitude at the Property are 34°42'33.8" (34.709400) north and 118°5'33.0" (118.092500) west, respectively. Universal Transverse Mercator Zone 11, UTM X 399952.0 meters and UTM Y 3841164.0 meters also define the Property location. A topographic map, plot plan and site plan can be found in Appendix A of this report.

3.2 Site and Vicinity Characteristics

3.2.1 Surficial Characteristics

The general topography of the Property slopes down to the northwest at a rate of approximately 10-feet per mile. There are no storm water drains or clarifiers located on the Property. According to the U.S. Geological Survey (USGS) topographic map, Lancaster East, Quadrangle, the finished elevation of the Property is approximately 2,374-feet above mean sea level. Surface drainage follows the surface contours that drain via sheet flow and dry washes to the southwest.

The property is vacant and has never been developed. There are power poles along the west Property border and sewer lines running through the south side of the Property.

3.2.2 Geology

Soil types may vary in the area of the Property. According *to "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, the rock stratigraphic unit Geologic Code is Q, Era is Cenozoic, the System and Series are Quaternary.

The Soil Survey map of Los Angeles produced by the U.S. Department of Agriculture (USDA), Soil Conservation Service (SCS) was reviewed for soil information at the Property. The soil component name at the Property is Cajon. The soil surface texture is a loamy sand. The hydrologic group is class A and has a high infiltration rate. This soil is excessively drained and has a low water holding capacity. The corrosion potential of this soil on uncoated steel is moderate.

The soil texture class of the first soil layer is defined as loamy sand. The AASHTO Group classification is granular material (35% or less passing through a number 200 sieve) and silty or clayey gravel and sand. The Unified Soil classification is course-grained soils, sands, sands with fines and silty sand. This layer reaches to a depth of approximately seven-inches and has a maximum permeability rate of 20.00-inches per hour and a minimum permeability rate of 6.00-inches per hour. The soil pH of this layer is 8.40 to 7.40.

The soil texture class of the second soil layer is defined as sand. The AASHTO Group classification is granular material (35% or less passing through a number 200 sieve), stone fragments, gravel and sand. The Unified Soil classification is course-grained soils, sands, sands with fines and silty sand. This layer reaches from a depth of approximately seven-inches to 13-inches and has a maximum permeability rate of 20.00-inches per hour and a minimum permeability rate of 6.00-inches per hour. The soil pH of this layer is 8.40 to 7.40.

The soil texture class of the third soil layer is defined as loamy sand as described above. This layer reaches from a depth of approximately 13-inches to 25-inches.

The soil texture class of the fourth soil layer is defined as gravelly sand. The AASHTO Group classification is granular material (35% or less passing through a number 200 sieve), stone fragments, gravel and sand. The Unified Soil classification is course-grained soils, sands, sands with fines and silty sand. This layer reaches from a depth of approximately 25-inches to 45-inches and has a maximum permeability rate of 20.00-inches per hour and a minimum permeability rate of 6.00-inches per hour. The soil pH of this layer is 8.40 to 7.40.

The soil texture class of the fifth soil layer is defined as stratified. The AASHTO Group classification is granular material (35% or less passing through a number 200 sieve), stone fragments, gravel and sand. The Unified Soil classification is course-grained soils, sands, sands with fines and silty sand. This layer reaches from a depth of approximately 45-inches to 60-inches and has a maximum permeability rate of 20.00-inches per hour and a minimum permeability rate of 6.00-inches per hour. The soil pH of this layer is 8.40 to 7.40.

The Lancaster East 7.5-Minute Quadrangle lies in the Antelope Valley in northern Los Angeles County. The center of the area is about 5 miles east of Lancaster City Hall and 46 miles northeast of the Los Angeles Civic Center. The terrain is nearly level. The northern part was the site of a regional pluvial lake or playa in late Pleistocene time. Little Rock Wash, which enters the quadrangle in the southeastern corner, becomes indistinct near the center. The northern part received fine-grained sediments. Total relief is only about 250-feet.

The entire Lancaster East Quadrangle is covered by alluvial deposits of Quaternary age with Pleistocene through Holocene surficial deposits. Holocene alluvial fan and wash sediments (Q6) cover most of the Property area. These sediments are unconsolidated clastic material representing

deposition during Holocene and/or, locally, late Pleistocene time. This unit consists mainly of medium-grained deposits reflecting deposition in a distal alluvial fan environment. Soils on alluvial fan and colluvial materials are weakly developed. A section of the northwest corner of the Property is covered by sediments mapped by Ponti and others (1981) as Quaternary playa deposits (Qpl). Regionally, these sediments are described as compact lacustrine silt and clay with minor loose well-sorted sand and fine gravel deposited in the shallow-water margins of the last pluvial lake that filled the lowland parts of Antelope valley up until about 12,000 years ago.

3.2.3 Hydrogeology

The soil found at the Property does not meet the requirements for a hydric soil. A one-half mile radius search for site-specific hydrological data was performed and no information on groundwater depth or groundwater flow directions was found on the Federal USGS Well Information, Federal FRDS Public Water Supply System Information or State databases. A search of reports submitted by environmental professionals to regulatory authorities at select sites has been performed by EDR, Inc. in a one-half mile radius of the Property. This information is summarized below in Table II, Groundwater Information, One-Half Mile Radius From The Property.

Table II. Groundwater Information, One-Half Mile Radius From The Property
East side of 20th Street East between East Avenue H and East Avenue I, Lancaster, California, 93535

Distance From Property (miles)	Report Date	GW Flow Direction	Shallow GW (ft.)	Deep GW (ft.)	Average Water Depth (ft.)
0.125 to 0.25	1963	Not Reported	Not Reported	Not Reported	79.0
0.125 to 0.25	1986	Not Reported	Not Reported	Not Reported	106.0
0.25 to 0.5	1963	Not Reported	Not Reported	Not Reported	151.0
0.25 to 0.5	1963	Not Reported	Not Reported	Not Reported	85.0
0.25 to 0.5	1963	Not Reported	Not Reported	Not Reported	97.0
0.25 to 0.5	1963	Not Reported	Not Reported	Not Reported	82.0
0.25 to 0.5	1983	Not Reported	Not Reported	Not Reported	126.94
0.25 to 0.5	1963	Not Reported	Not Reported	Not Reported	94.0
0.25 to 0.5	1963	Not Reported	Not Reported	Not Reported	147.4
0.25 to 0.5	1963	Not Reported	Not Reported	Not Reported	167.0
0.25 to 0.5	1963	Not Reported	Not Reported	Not Reported	140.0

Specific information about the groundwater depth on the Property was not reasonably available. Based upon the information presented above, the depth to groundwater would be estimated at approximately 82 to 151-feet bgs. This number is an approximation and physical testing must be performed to accurately state the true depth to groundwater due to the possibility of varying levels of perched groundwater in the area of the Property.

The nearest surface water is Little Rock Wash located approximately three-miles east of the Property. The Department of Conservation, California Geological Survey developed the Seismic Hazard Zone Report 094 for the Lancaster East California 7.5 Minute Quadrangle map dated 2004. This report summarized the depth to historic high groundwater in the area of the Property. According to this map, the historical high groundwater at the Property is 100 to 150-feet below ground surface (bgs) and the gradient appears to be flowing towards the southeast. A copy of this map is presented in Appendix A. Based solely on this information, the presumed groundwater flow direction at the Property is southeast. This is inconsistent with the surface topography that drops down towards the northwest, however, the surface topography is extremely slight. The data from the Department of Conservation, California Geological Survey takes precedence over the slight surface gradient. Southeast is only the presumed groundwater flow direction and only physical testing can accurately state the true groundwater flow direction.

3.2.4 Wetlands

The U.S.G.S. 7.5-Minute Quadrangle Lancaster East California Map (34118-F1) was reviewed for information concerning wetland resources and can be found in Appendix A. There are no signs of wetlands or surface waters on the Property.

The National Wetland Inventory, Lancaster East quadrangle map, delineates the area around the Property. There are no defined wetlands at the Property and the nearest designated wetlands are located approximately 0.5-miles northeast of the Property. It is our professional opinion that the Property is not subject to wetland restrictions. This is only our professional opinion and additional investigations would be required to establish a true wetlands status.

3.2.5 Drainage Patterns/Basins

Surface drainage follows the surface contours that flow via sheet flow and dry washes to the southwest.

The Property is located in an area designated as a 500-year flood zone on the FEMA Q3 Flood Insurance Rate Map, Los Angeles (panel number 606720020B) dated 1999. The nearest surface water is Little Rock Wash located approximately three-miles east of the Property.

There is no industrial water or wastewater discharge from the Property into a sanitary sewer system. There were no drinking water wells, groundwater monitoring wells, floor drains, clarifiers, sumps, septic system or French drains noted on the Property.

3.2.6 Earthquake Fault Lines, Epicenters and Liquefaction

A USGS graphic map published in 1998 shows digitized quaternary fault lines in California. This map shows no fault lines located within one-mile of the Property.

The Department of Commerce, National Oceanic and Atmospheric Administration (NOAA) publishes the locations of earthquake epicenters measuring five (5) or greater on the Richter scale. This information was researched and there were no such epicenters reported with one-mile of the Property.

The Department of Conservation, California Geological Survey developed the Seismic Hazard Zone Report 094 for the Lancaster East California 7.5 Minute Quadrangle map dated 2004. According to this preliminary map, the Property is not located in a designated Liquefaction or Earthquake Induced Landslide Area.

3.3 Structures, Roads, and Other Improvements on the Site

The Property is undeveloped with exception of sewer lines that appear to run through the south half of the Property and electrical poles located along the west border.

Electricity serving the Property is from Southern California Edison (SCE), potable water in the area is supplied by Lancaster Water Company and natural gas is supplied by The Gas Company. The Lancaster Water Company meets or exceeds all water quality standards relating to public health and aesthetics set by the California Department of Health Services and the U.S. Environmental Protection Agency. The EPA has no record of any health-based violations, monitoring or other violations reported by the state for this water system. Sewer service is provided by the Sanitation District of Los Angeles County.

According to FastWeb Property Profile Report information records the Property is zoned LRD21 for residential.

20th Street East delimits the Property to the west and adjacent sites delimit the Property to the north, east and south. The Property can be accessed from 20th Street East.

3.4 Current Uses of the Property

At the time of the Property reconnaissance, the Property was being undeveloped and appeared to be used.

3.5 User Knowledge

The Property representative, Mr. Gary Acquilina, Property Owner Representative, was interviewed on August 18, 2004 after the Property reconnaissance. Mr. Acquilina stated that he had firsthand knowledge about the Property since approximately 2001. Mr. Acquilina stated that several individuals own the Property and it has never been developed.

Mr. Acquilina stated that he knew of no hazardous or petroleum products used on the Property. Mr. Acquilina stated that he knew of no previous tenants that had used hazardous and/or petroleum products on the Property.

To the best of his knowledge, Mr. Acquilina stated that the Property has never been used for any of the following: industrial/manufacturing, fuel farm, body shop, machine shop, maintenance shop, plating shop, sheet metal shop, commercial printing, dry cleaning, photo processing, hydraulics or transformer site, junkyard or landfill, wood treatment, waste storage, waste disposal, waste processing, gravel pit, sandblasting area, firing/explosives range, fire/police training area or electrical shop.

Mr. Acquilina reported that he knew of no current or past environmental liens in association with the Property. He stated that he had no knowledge of any Underground Storage Tanks (USTs), Above Ground Storage Tanks (ASTs) or the storage of any hazardous materials or petroleum products on the Property. Mr. Acquilina stated that to the best of his knowledge, there have never been any spills or violations on the Property in association with hazardous materials or petroleum products. Mr. Acquilina was aware of no soil or groundwater contamination on the Property or on adjacent sites.

3.6 Past Uses of the Property

Historical information was obtained from aerial photographs (1928, 1952, 1968, 1989 and 1994) presented in Appendix C, USGS Topographic map (1974) presented in Appendix A, a FEMA Flood Insurance Map (1999) and a Wetlands Inventory Map (2002). Information from the Property representatives, Mr. Gary Acquilina, Property Owner Representative, dated back approximately three-years to 2001. The client did not provide a chain of title for review.

The historical records for the Property indicate that it has never been developed or had been used for any purpose. The following sections contain detailed descriptions of the historical documentation reviewed.

3.6.1 Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps with coverage of the Property area were searched but no maps were made for this area.

3.6.2 Historical Aerial Photographs

The following are descriptions of the historical aerial photographs taken at the Property and reviewed by APEI. These photographs can be found in Appendix C of this report.

1928

In the 1928 aerial photograph, the Property appears to be undeveloped and unoccupied. Native vegetation appears to exist on the Property. The areas surrounding the Property are also undeveloped with the exception of the single-family home located west of the Property, across 20th Street East. 20th Street East is visible and appears to be paved. There is no sign of the storage or disposal of hazardous materials on the Property in this photograph.

1952

There are no discernable differences on the Property in the 1952 aerial photograph from the 1928 aerial photograph. The mobile home park adjacent to the south Property border is visible. There is no sign of the storage or disposal of hazardous materials on the Property in this photograph.

1968

There are no discernable differences on the Property in the 1968 aerial photograph from the 1952 aerial photograph. The mobile home park adjacent to the east Property border is visible as it exists today and the mobile home park to the south has expanded to its existing configuration. There is no sign of the storage or disposal of hazardous materials on the Property in this photograph.

1989 and 1994

There are no discernable differences on the Property or surrounding sites in the 1989 and 1994 aerial photographs from the 1968 aerial photograph. There is no sign of the storage or disposal of hazardous materials on the Property in these photographs.

3.6.3 Topographic Map

The 7.5-minute topographic map from 1974, Lancaster East Quadrangle, shows the Property area as undeveloped. The streets for the mobile home park to the south and the single-family home to the west, across 20th Street East, are shown on this map. There is no sign of the storage or disposal of hazardous materials on the Property in this map. This map is presented in Appendix A.

3.6.4 Building Permits

Because the Property has never been developed and has no specific street address, building permits were not reviewed.

3.6.5 City Directories

Because the Property has never been developed and has no specific street address, city directories were not reviewed.

3.7 Current Uses of Adjoining Properties

Current uses of the immediately adjacent properties are as follows:

- North – Undeveloped land;
- South – Mobile home park and undeveloped land;
- East – Mobile home park;
- West – 20th Street East with a undeveloped land and a single-family residence beyond.

None of the current uses of the adjacent sites appeared likely to contaminate soil or groundwater at the Property. APEI did not detect obvious indications that adjacent sites have Underground Storage Tanks (USTs), sumps, or clarifiers, or are engaged in any manufacturing processes that would involve the use of significant quantities of hazardous materials.

3.8 Past Uses of Adjoining Properties

3.8.1 North

Historical sources noted above and field notations indicate that the site adjacent to and north of the Property has never been developed.

There are no signs of the storage or disposal of hazardous materials on the north adjacent site in the historical information reviewed. There were no indications from any historical sources that the Property has suffered environmental damage from the north adjacent site.

3.8.2 South

Historical sources noted above and field notations indicate that the site adjacent to and south of the Property was undeveloped in 1928. Between 1928 and 1952, the west half of the existing mobile home park was developed. Between 1952 and 1968, the east half of the existing mobile home park was developed.

There are no signs of the storage or disposal of hazardous materials on the south adjacent site in the historical information reviewed. There were no indications from any historical sources that the Property has suffered environmental damage from the south adjacent site.

3.8.3 East

Historical sources noted above and field notations indicate that the site adjacent to and east of the Property was undeveloped in 1928. Between 1952 and 1968, this adjacent site was developed with the mobile home park that exists there today.

There are no signs of the storage or disposal of hazardous materials on the east adjacent site in the historical information reviewed. There were no indications from any historical sources that the Property has suffered environmental damage from the east adjacent site.

3.8.4 West

Historical sources noted above and field notations indicate that the site adjacent to and west of the Property, across 20th Street East, was already developed with the existing single-family home in 1928. There were no other changes noted on this adjacent site in the subsequent historical documents reviewed.

There are no signs of the storage or disposal of hazardous materials on the west adjacent site in the historical information reviewed. There were no indications from any historical sources that the Property has suffered environmental damage from the west adjacent site.

3.9 Map and Site Plan

A topographic map of the area was reviewed for environmental concerns and is provided in Appendix A. The map is from the 1974 U.S.G.S. Lancaster East California Quadrangle, 7.5-minute series topographic (34118-F1) map. No environmental concerns were noted in this review.

4.0 RECORDS REVIEW

4.1 Standard Environmental Record Sources, Federal and State

A Federal, State and Local Radius Profile Report from Environmental Data Resources, Inc. dated August 12, 2004 was reviewed by APEI for the Property. The radius search was performed using the center of the Property on a map to locate the Property.

The radius report, found in Appendix E, contains records of registered sites in the vicinity of the Property for the classifications and distances listed in the following tables. Report dates for each database searched are listed in this appendix.

Table III. Federal Environmental Record Sources Summary
East side of 20th Street East between East Avenue H and East Avenue I, Lancaster, California 93535

Federal Databases	Approximate Search Radius	Number of Reported Sites
National Priorities List (NPL)	1.00 mile	0
De-listed National Priorities List (NPL)	1.00 mile	0
Resource Conservation and Recovery Act (RCRA) Corrective Action Facilities (CORRACTS)	1.00 mile	0
Records of Decision (ROD)	1.00 mile	0
Superfund Consent Decrees (CONSENT)	1.00 mile	0
Sites currently or formerly under review by US EPA (CERCLIS and CERCLIS/NFRAP)	0.50 mile	0
RCRA permitted Treatment, Storage and Disposal Facilities (TSD)	0.50 mile	0
Mines Master Index File (MINES)	0.25 mile	0
RCRA Administrative Action Tracking System (RAATS)	0.25 mile	0
RCRA Registered Small or Large Generators of Hazardous Waste (GNRTR)	0.25 mile	0
Emergency Response Notification System (ERNS)	Property Only	0
Facility Index System/Facility Identification Initiative Program Summary Report (FINDS)	Property Only	0
Hazardous Materials Information Reporting System (HMIRS)	Property Only	0
Material Licensing Tracking System (MLTS)	Property Only	0
Federal Superfund Liens (NPL LIENS)	Property Only	0
PCB Activity Database System (PADS)	Property Only	0
Toxic Chemical Release Inventory System (TRIS)	Property Only	0
FIFRA/TSCA Tracking System (FTTS)	Property Only	0
Toxic Substances Control Act (TSCA)	Property Only	0

Table IV. State and Local Environmental Record Sources Summary
East side of 20th Street East between East Avenue H and East Avenue I, Lancaster, California 93535

State and Local Database	Approximate Search Radius	Number of Reported Sites
Cal-Sites and Cal-Sites Annual Work Plan (AWP)	1.00 mile	0
Notify 65	1.00 mile	0
Areas Of Concern (AOCONCERN)	1.00 mile	0
California Bond Expenditure Plan (CA BEP)	1.00 mile	0
California EPA Office of Emergency Information (CORTESE)	1.00 mile	0
Toxic Pits Cleanup facilities (TOXIC PITS)	1.00 mile	0
California Spills, Leaks, Investigations & Clean-up Cost Recovery Listing (CA SLIC)	0.50 mile	0
State Landfills	0.50 mile	0
Leaking Underground Storage Tanks (LUST)	0.50 mile	0
Waste Management Unit Database/State Water Resources Control Board (WMUDS/SWAT)	0.50 mile	0
California City Land Fills (CA LA LF)	0.50 mile	0
Voluntary Cleanup Program Properties (VCP)	0.50 mile	0
Registered Underground or Above Ground Storage Tanks (UST)	0.25 mile	0
California Facility Inventory Database Underground Storage Tanks (CA FID UST)	0.25 mile	0
Hazardous Substances Storage Container Database (HIST UST)	0.25 mile	0
Drycleaners	0.25 mile	0
Historical Gas Stations/Dry Cleaners	0.25 mile	0
Emissions Inventory Data (EMI)	Property Only	0
Hazardous Waste Information System (HAZNET)	Property Only	0
California Hazardous Material Incident Report System (CHMIRS)	Property Only	0
California Waste Discharge System (CA WDS)	Property Only	0
Above Ground Storage Tanks (AST)	Property Only	0
Los Angeles County Hazardous Materials Sites	Property Only	0
Los Angeles County Site Mitigation List	Property Only	0

4.1.1 Property and Adjacent Sites Summary

The Property and adjacent sites were not listed in any of the databases searched.

4.1.2 National Priorities List (NPL)

The National Priorities List (NPL) is the EPA's database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund program. A site must meet or surpass a predetermined hazard ranking system score, be chosen as a state's top priority site, or meet three specific criteria set jointly by the US Dept of Health and Human Services and the U.S. EPA in order to become an NPL site.

The Property and the adjacent properties were not listed in the search of this database.

No additional sites were found in the Federal database search (1.0-mile radius) under this listing.

4.1.3 Sites currently or formerly under review by US EPA (CERCLIS/NFRAP)

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

NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.

The Property and the adjacent properties were not listed in the search of these databases.

No additional sites were found in these Federal databases search (1.0-mile radius) under this listing.

4.1.4 Resource Conservation and Recovery Act (RCRA) Corrective Action Facilities (CORRACTS)

The EPA maintains this database of Resource Conservation and Recovery Act (RCRA) facilities that are undergoing "corrective action". A "corrective action order" is issued pursuant to RCRA Section 3008 (h) when there has been a release of hazardous waste or constituents into the environment from a RCRA facility. Corrective actions may be required beyond the facility's boundary and can be required regardless of when the release occurred, even if it predates RCRA.

The Property and the adjacent properties were not listed in the search of this database.

No additional sites were found in the Federal database search (1.0-mile radius) under this listing.

4.1.5 Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal Facilities (TSD)

The EPA's RCRA Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities that report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDs are facilities that treat, store and/or dispose of hazardous waste.

The Property and the adjacent properties were not listed in the search of this database.

No additional sites were found in the Federal database search (0.5-mile radius) under this listing.

4.1.6 RCRA Registered Small and Large Generators of Hazardous Waste (GNRTR)

The EPA's RCRA Program identifies and tracks hazardous waste from the point of generation to the point of disposal. RCRA Large Generators are facilities that generate at least 1,000 kg/month of non-acutely hazardous waste (or 1 kg/month of acutely hazardous waste) and Small Generators generate less than these amounts.

The Property and the adjacent properties were not listed in the search of these databases.

There were no Large or Small Generators found on these lists.

No additional sites were found in the Federal database search (0.25-mile radius) under these listings.

4.1.7 Emergency Response Notification System (ERNS)

The ERNS database records and stores information on reported releases of oil and hazardous substances.

The search in this database was limited to the Property. The Property was not listed in the search of this Federal database.

4.1.8 Cal-Sites and Cal-Sites Annual Work Plan (AWP)

The Cal-Sites database contains potential or confirmed hazardous substances release properties in California. The AWP list (formerly the BEP list) identifies known hazardous substances sites target for cleanup.

The Property and the adjacent properties were not listed in the search of these databases.

No additional sites were found in the State database search (1.0-mile radius) under these listings.

4.1.9 California Hazardous Materials Incident Report System (CHMIRS)

The CHMIRS database contains information on reported hazardous material incidents including accidental releases or spills.

The search in this database was limited to the Property. The Property was not listed in the search of this county database.

4.1.10 State Index of Properties With Hazardous Waste (CORTESE)

The CORTESE list is composed of sites designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS) and the Department of Toxic Substances Control (Cal-Sites). The source is the California Environmental Protection Agency/Office of emergency Information. This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration.

The Property and the adjacent properties were not listed in the search of this database.

No additional sites were found in the State database search (1.0-mile radius) under this listing.

4.1.11 Notify 65

The Notify 65 list pertains to Proposition 65. This is a list of facilities that have released notifications about any release which could have impacted drinking water and thereby expose the public to a potential health hazard.

The Property and adjacent properties were not listed in the search of this database.

No additional sites were found in the State database search (1.0-mile radius) under this listing.

4.1.12 Toxic Pits Cleanup Facilities (TOXIC PITS)

The State Water Resources Control Board maintains records of toxic pits. This list identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

The Property and the adjacent properties were not listed in the search of this database.

No additional sites were found in the State database search (1.0-mile radius) under this listing.

4.1.13 State Landfill

The Integrated Waste Management Board maintains the Solid Waste Landfill (SWLF) records that contain an inventory of solid waste disposal facilities or landfills in the state of California. These may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites. Categories of waste are: Class I – municipal, household, shredded waste tires, Class II – industrial, Class III – farming, landscaping, land clearing waste, and Class IV – construction and demolition.

The Property and the adjacent properties were not listed in the search of this database.

No additional sites were found in the State database search (0.5-mile radius) under this listing.

4.1.14 Waste Management Unit Database System (WMUDS/SWAT)

The State Water Resources Control Board maintains the WMUDS database. This listing is used for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections, Waste Management Unit Information, SWAT Program and Summary Information, Chapter 15 Information and Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information and Interested Parties Information.

The Property and the adjacent properties were not listed in the search of this database.

No additional sites were found in the State database search (0.5-mile radius) under this listing.

4.1.15 Leaking Underground Storage Tanks (LUST)

The State Water Resource Control Board maintains records of reported leaking UST incidents.

The Property and the adjacent properties were not listed in the search of this database.

No additional sites were found in the State database search (0.5-mile radius) under this listing.

4.1.16 California Bond Expenditure Plan (CA BEP)

The Department of Health Services developed the CA BEP database. This plan is a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds.

The Property and the adjacent properties were not listed in the search of this database.

No additional sites were found in the State database search (1.0-mile radius) under this listing.

4.1.17 Underground Storage Tank Sites (UST)

The State Water Resources Control Board's Hazardous Substances Storage Container Database tracks USTs as regulated under Subtitle I of RCRA.

The Property and the adjacent properties were not listed in the search of this database.

There were no other sites found in the State database search (0.25-mile radius) under this listing.

4.1.18 Voluntary Cleanup Program (VCP)

The Department of Toxic Substance Control (DTSC) maintains records of sites that are low threat level properties with either confirmed or unconfirmed releases and the project proponents have requested the DTSC oversee and investigation and/or cleanup activities and have agreed to provide coverage for DTSC's records.

The Property and the adjacent properties were not listed in the search of this database.

There were no other sites found in the State database search (0.5-mile radius) under this listing.

4.1.19 California Facility Inventory Database Underground Storage Tanks (CA FID UST)

The California Environmental Protection Agency maintains the FID database that contains historical listings of active and inactive underground storage tank locations. This data is obtained from the State Water Resource Control Board. These sites are not necessarily those that have had releases or spills.

The Property and the adjacent properties were not listed in the search of this database.

There were no other sites found in the State database search (0.25-mile radius) under this listing.

4.1.20 Hazardous Substances Storage Container Database (HIST UST)

The Hazardous Substances Storage Container Database is a listing of historical UST sites. This data is obtained from the State Water Resource Control Board. These sites are not necessarily those that have had releases or spills.

The Property and the adjacent properties were not listed in the search of this database.

There were no other sites found in the State database search (0.25-mile radius) under this listing.

4.1.21 Superfund Consent Decrees (CONSENT)

The CONSENT list is released periodically by the United States District Courts after settlement by parties to litigation matters. The list contains major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites.

The Property and the adjacent properties were not listed in the search of this database.

No additional sites were found in the Federal database search (1.0-mile radius) under this listing.

4.1.22 Records Of Decision (ROD)

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

The Property and the adjacent properties were not listed in the search of this database.

No additional sites were found in the Federal database search (1.0-mile radius) under this listing.

4.1.23 De-listed National Priorities List (NPL)

The De-listed National Priorities List (NPL) is the EPA's database of uncontrolled or abandoned hazardous waste sites that have been identified for priority remedial actions under the Superfund program, have been cleaned up to meet the closure standards set for the site and have therefore been taken off the NPL. A site must meet or surpass a predetermined hazard ranking system score, be chosen as a state's top priority site, or meet three specific criteria set jointly by the US Dept of Health and Human Services and the U.S. EPA in order to become an NPL site.

The Property and the adjacent properties were not listed in the search of this database.

No additional sites were found in the Federal database search (1.0-mile radius) under this listing.

4.1.24 Facility Index System (FINDS)

The FINDS database contains both facility information and "pointers" to other sources that contain more detail.

The search in this database was limited to the Property. The Property was not listed in the search of this Federal database.

4.1.25 Hazardous Materials Information Reporting System (HMIRS)

The HMIRS database contains records of hazardous material spill incidents reported to the Department of Transportation (DOT).

The search in this database was limited to the Property. The Property was not listed in the search of this Federal database.

4.1.26 Material Licensing Tracking System (MLTS)

The Nuclear Regulatory Commission maintains the MLTS database which contains a list of approximately 8,100 sites that possess or use radioactive materials and which are subject to NRC licensing requirements.

The search in this database was limited to the Property. The Property was not listed in the search of this Federal database.

4.1.27 Mines Master Index File (MINES)

The Department of Labor, Mines Safety and Health Administration (MSHA) maintain a list of active and abandoned mines.

The Property and the adjacent properties were not listed in the search of this database.

No additional sites were found in the Federal database search (0.25-mile radius) under this listing.

4.1.28 Federal Superfund Liens (NPL LIENS)

The USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability.

The search in this database was limited to the Property. The Property was not listed in the search of this Federal database.

4.1.29 PCB Activity Database System (PADS)

The PADS database identifies generators, transporters, commercial storage facilities, brokers and disposers of PCB's who are required to notify the EPA of such activities.

The search in this database was limited to the Property. The Property was not listed in the search of this Federal database.

4.1.30 RCRA Administrative Action Tracking System (RAATS)

The RAATS list 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.

The search in this database was limited to the Property. The Property was not listed in the search of this Federal database.

4.1.31 Toxic Chemical Release Inventory System (TRIS)

The TRIS database identifies facilities that release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313 (Community Right to Know).

The search in this database was limited to the Property. The Property was not listed in the search of this Federal database.

4.1.32 Toxic Substance Control Act (TSCA)

The TSCA database identifies manufactures 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.

The search in this database was limited to the Property. The Property was not listed in the search of this Federal database.

4.1.33 FIFRA/TSCA Tracking System (FTTS)

The Federal Insecticide, Fungicide & Rodenticide Act and the Toxic Substances Control Act tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA and TSCA. The EPA Office of Prevention, Pesticides and Toxic Substances maintain this database.

The search in this database was limited to the Property. The Property was not listed in the search of this Federal database.

4.1.34 Above Ground Storage Tanks (AST)

The California State Water Resources Control Board maintains records of AST petroleum storage facilities. These sites are not necessarily those that have had releases or spills.

The search in this database was limited to the Property. The Property was not listed in the search of this State database.

4.1.35 Drycleaners

The Department of Toxic Substances Control maintains records of drycleaner related facilities that have EPA ID numbers. These sites are not necessarily those that have had releases or spills.

The Property and the adjacent properties were not listed in the search of this database.

There were no other sites found in the State database search (0.25-mile radius) under this listing.

4.1.36 California Waste Discharge System (CA WDS)

The CA WDS list is maintained by the California Environmental Protection Agency and includes sites that have been issued waste discharge requirements. These sites are not necessarily those that have had releases or spills.

The search in this database was limited to the Property. The Property was not listed in the search of this Federal database.

4.1.37 California Spills, Leaks, Investigations & Clean-up Cost Recovery Listing (CA SLIC)

The CA SLIC list maintained by the City Regional Water Quality Board and includes sites that impact groundwater or have the potential to impact groundwater.

The Property and the adjacent properties were not listed in the search of this database.

No additional sites were found in the State database search (0.5-mile radius) under this listing.

4.1.38 Hazardous Waste Information System (HAZNET)

The HAZNET database compiled by the Department of Toxic Substance Control contains data extracted from copies of hazardous waste manifests. The annual volume of manifests is typically 700,000 to 1,000,000. These are unconfirmed and uncorrected and may contain some invalid values such as generator ID, treatment storage and disposal ID, waste category or disposal method. These sites are not necessarily those that have had releases or spills.

The search in this database was limited to the Property. The Property was not listed in the search of this Federal database.

4.1.39 Historical Gas Stations and Dry Cleaners

EDR has searched select national collections of business directories and has collected listings of potential dry cleaner and 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 dry cleaning and 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, dry cleaner, cleaners, laundry, laundromat, cleaning/laundry, wash & dry, etc.

The Property and the adjacent properties were not listed in the search of this database.

No additional sites were found in the State database search (0.25-mile radius) under this listing.

4.1.40 Areas of Concert (AOCONCERN)

The EPA Region 9 tracks areas where Volatile Organic Compound (VOC) contamination is at or above the Minimum Contaminant Level (MCL).

The Property and the adjacent properties were not designated as being in an AOCONCERN.

There were no other sites found in the State database search (0.25-mile radius) under this listing.

4.1.41 Emissions Inventory Data (EMI)

The EMI database compiled by the local air pollution agencies lists sites where air pollution permits exist. These sites are not necessarily those that have had releases or spills.

The search in this database was limited to the Property. The Property was not listed in the search of this Federal database.

4.1.42 Los Angeles County Site Mitigation List

The Los Angeles Community Health Services maintains records of industrial sites that have had some sort of spill or complaint.

The search in this database was limited to the Property. The Property was not listed in the search of this county database.

4.1.43 Los Angeles County Hazardous Material Sites (HMS)

The Los Angeles Department of Pubic Works maintains records of industrial waste and underground storage tank sites. These sites are not necessarily those that have had releases or spills.

The search in this database was limited to the Property. The Property was not listed in the search of this county database.

4.1.44 Orphan (Unmapped) Sites

Orphan (unmapped) sites indicated in the radius report were reviewed to determine their locations relative to the Property. None of these sites were found to be in close proximity to the subject Property.

The complete National, State and Local Radius Profile Report is included in Appendix E.

4.1.45 Fire Department

Because the Property has never been developed and has no specific street address, fire department records were not reviewed.

4.2 Historical Use Information

A review of historical records for indications of past Property uses was limited to the Federal and State environmental databases, topographic map, aerial photographs, and an interview with a Property representative.

There were no environmental concerns from historical uses.

5.0 INFORMATION FROM SITE RECONNAISSANCE AND INTERVIEWS

5.1 Hazardous Substances in Connection with Identified Uses

An unaccompanied site reconnaissance was performed by Douglas B. Kochanowski, Project Manager, on August 12, 2004 and included a walk of the Property to determine the presence of hazardous materials and environmental concerns. All areas of the Property were inspected as part of this investigation.

There were no signs of hazardous materials being used or stored on the Property.

5.2 Hazardous Substance Containers and Unidentified Substance Containers

There was no evidence of solid waste disposal, discolored soils or odors anywhere on the Property. There was no evidence of sparse stressed or dead vegetation (from other than insufficient water). There was no visual evidence of improper handling or disposal of hazardous chemicals or materials on the grounds. There were no unidentified substance containers, no hydraulic lift systems and no stored materials.

5.3 Storage Tanks

No USTs, ASTs, clarifiers or septic system were noted on the Property at the time of the Property reconnaissance.

5.4 Indications of PCBs

There is one pole-mounted transformer located along the west Property border. This transformer is from Southern California Edison (SCE). In previous telephone conversations with SCE, personnel stated that transformers installed by SCE prior to 1978 contained insignificant concentrations of PCBs while those installed after 1978 were not likely to contain PCBs. In addition, SCE stated that in the event an SCE transformer was found to be leaking, it would be the responsibility of SCE to clean up the contamination that may result from that leaking unit. SCE also submits a form letter on the subject of PCBs in SCE transformers, which reads:

> "It is highly unlikely that the transformer serving your facility contains polychlorinated biphenyls (PCB) at concentration levels requiring special management under the Environmental Protection Agency's rules. Federal law has prohibited the manufacture of transformers containing PCB since 1977. In addition, SCE has never specified the purchase of distribution transformers utilizing PCB as the insulating/cooling fluid. SCE distribution transformers utilize mineral oil as the insulation/cooling fluid exclusively. In a statistically valid test of over 20,000 SCE distribution transformers, we determined that the concentration of PCB in the mineral oil is less than 50 parts per million (ppm) in over 96 percent of the units. The mineral oil in the 4 percent that tested above 50 ppm is generally below 100 ppm..."

The unit appeared in good condition and evidence of leaks was not observed.

5.5 Indications of Solid Waste Disposal

There was no evidence observed of drums, containers, free liquids, odors or unusual depressions or excavations that would indicate solid waste disposal activity on the Property. There was no evidence of fill material from an unknown source on the Property. There was no evidence of spills, releases or illegal disposal noted during the Property reconnaissance.

There was evidence of limited solid waste disposal and dumping in various areas along the south side of the Property. This appeared to be innocuous household trash and construction debris dumped illegally and there were no signs of disposed hazardous materials or petroleum products.

5.6 Physical Setting Analysis

No unusual or recognized environmental conditions were apparent on the U.S.G.S. topographic map or soil survey reviewed. According to FastWeb Property Profile Report information records the Property is zoned LRD21 for residential.

The Property is located in an area surrounded by commercial and residential developments. The area around the Property began developing in the early 1950s. There were no indications that the Property or any of the sites adjacent to the Property have been affected by the presence of oil or natural gas deposits. According to the California Department of Conservation Field and Wells Map, the Property is not located in the proximity of an oil or gas field.

State of California, Department of Conservation, Division of Oil, Gas and Geothermal Resources digital database maps were reviewed which contain the most current information on oil wells and historical information from the *Munger Map Books of California to Alaska Oil and Gas Fields*, 1991, 1999 and 2003. According to these maps, there are no oil wells on the Property or on any of the adjacent sites.

5.7 Radon

Based on the results of the State of California Department of Health Services' 1990 California Statewide Radon Survey, the U.S. Environmental Protection Agency (U.S. EPA) lists Los Angeles County as being in Radon Zone 2. Zone 2 areas have a predicated average indoor radon screening potential of between 2.0 picocuries per liter (pCi/L) and 4.0 pCi/L. The level at which the U.S. EPA considers radon levels to be unhealthful is 4.0 pCi/L in residential structures.

There can be extreme variations of indoor radon levels within a local area based upon geologic, soil structure and building characteristics. The EPA recommends testing as the definitive method in determining the radon level within a specific structure. Radon testing was not part of this project's scope of work.

5.8 Other Conditions of Concern

5.8.1 Asbestos

The Property was undeveloped at the time of the site reconnaissance, therefore, no suspect asbestos containing materials were noted on the Property.

5.8.2 Lead Based Paint

The Property was undeveloped at the time of the site reconnaissance; therefore, no suspect lead based paint was noted on the Property.

5.8.3 Lead Contamination of Drinking Water

The condition of the drinking water at the Property is unknown; the Property was undeveloped at the time of the Property reconnaissance.

5.8.4 Urea-formaldehyde

The Property was undeveloped at the time of the site reconnaissance; therefore, no suspect urea-formaldehyde containing materials were noted on the Property.

5.8.5 Mold

The Property was undeveloped at the time of the site reconnaissance, therefore, no molds that could potentially affect indoor air quality were present.

5.8.6 Fluorescent Light Tubes

There were no large quantities of fluorescent light tubes noted on the Property.

5.9 Site Plan

A site plan for the Property is provided in Appendix A.

6.0 FINDINGS AND CONCLUSIONS

All Phase Environmental, Inc. (APEI) have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-00 of the approximately 20.11-acre site located on the east side of 20th Street East between East Avenue H and East Avenue I, Lancaster, in the County of Los Angeles, California, 93535. Any exceptions to, or deletions from, this practice are described in Sections 2.2 and 2.3 of this report.

After a review of the Property, adjacent properties and available records and documents regarding the same, our assessment has revealed no evidence of recognized environmental conditions in connection with the Property.

7.0 REFERENCES

Aerial Photographs, EDR Collection; 1928, 1952, 1968, 1989 and 1994.

California Statewide Radon Survey. 1990. California Department of Health Services.

California Department of Conservation. 2001. *Lancaster East Quadrangle, Oil and Gas Fields in California.*

Environmental Data Resources, Inc. *Database Report No. 1248828.2s,* August 12, 2004, Federal, State and Local Regulatory Records.

FastWeb research, Property Profile Report, East side of 20th Street East between East Avenue H and East Avenue I, Lancaster, California 93535

Groundwater Level Data, Water Data Library, 2004. California Department of Water Resources.

Sanborn Fire Insurance Maps, The Sanborn Library, LLC; no coverage found for Project area.

State Of California, Department of Conservation. 2004, Open File Report 094. *Seismic Hazard Zones, Lancaster East California Quadrangle.*

State of California, Department of Conservation, Division of Oil, Gas and Geothermal Resources. *Munger Map Book of California to Alaska Oil and Gas Fields*, 1991, 1999 and 2003. *Regional Wildcat Map*, 2001.

United States Geological Survey Topographic Map. photorevised 1974. 7.5-minute series, *Lancaster East California Quadrangle.*

8.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

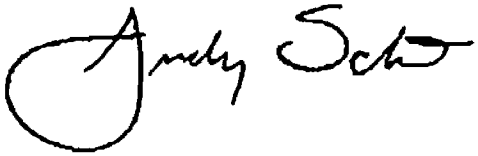
The undersigned certifies that the professional services have been performed, our findings obtained and our recommendations have been prepared in accordance with customary principles and practices in the field of environmental science and engineering. APEI has acted in good faith and has no relationship with sellers, buyers or agents of the Property. There have been no conflicts of interest involved in the drawing of conclusions, which have been based solely on materials reviewed and visual inspections performed by APEI.

Prepared by:



Douglas B. Kochanowski, Project Manager
REA (#07411), CHMM (#9970), CAC (#09-2699)

Reviewed by:



Andy Schmitt, Project Geologist, RG
California Registered Geologist, (#7507), REA (#07906)

9.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL PARTICIPATING IN THE PHASE I ESA

Name:	Douglas B. Kochanowski
Title:	Project Manager
Education:	Degree(s)/Year/Specialization B.S./1988/Biology
Active Registrations:	Senior Level Certified Hazardous Materials Manager (CHMM)

Certification Number: 9970
Secretary on Board of Directors for So CAL
ACHMM
Member of the American Indoor
Air Quality Council

Certifications:

Registered Environmental Assessor (REA)
Certification Number: 07411
California Certified Asbestos Consultant (CAC)
Certification Number: 09-2699
Certified AHERA Asbestos Inspector
Certified AHERA Asbestos Management Planner
Certified AHERA Asbestos Designer
Certified AHERA Supervisor
OSHA HAZWOPR 1910.120/Site Supervisor
Certified Radiation Worker
Confined Space Entry Trained

Years in Environmental Practice: 14

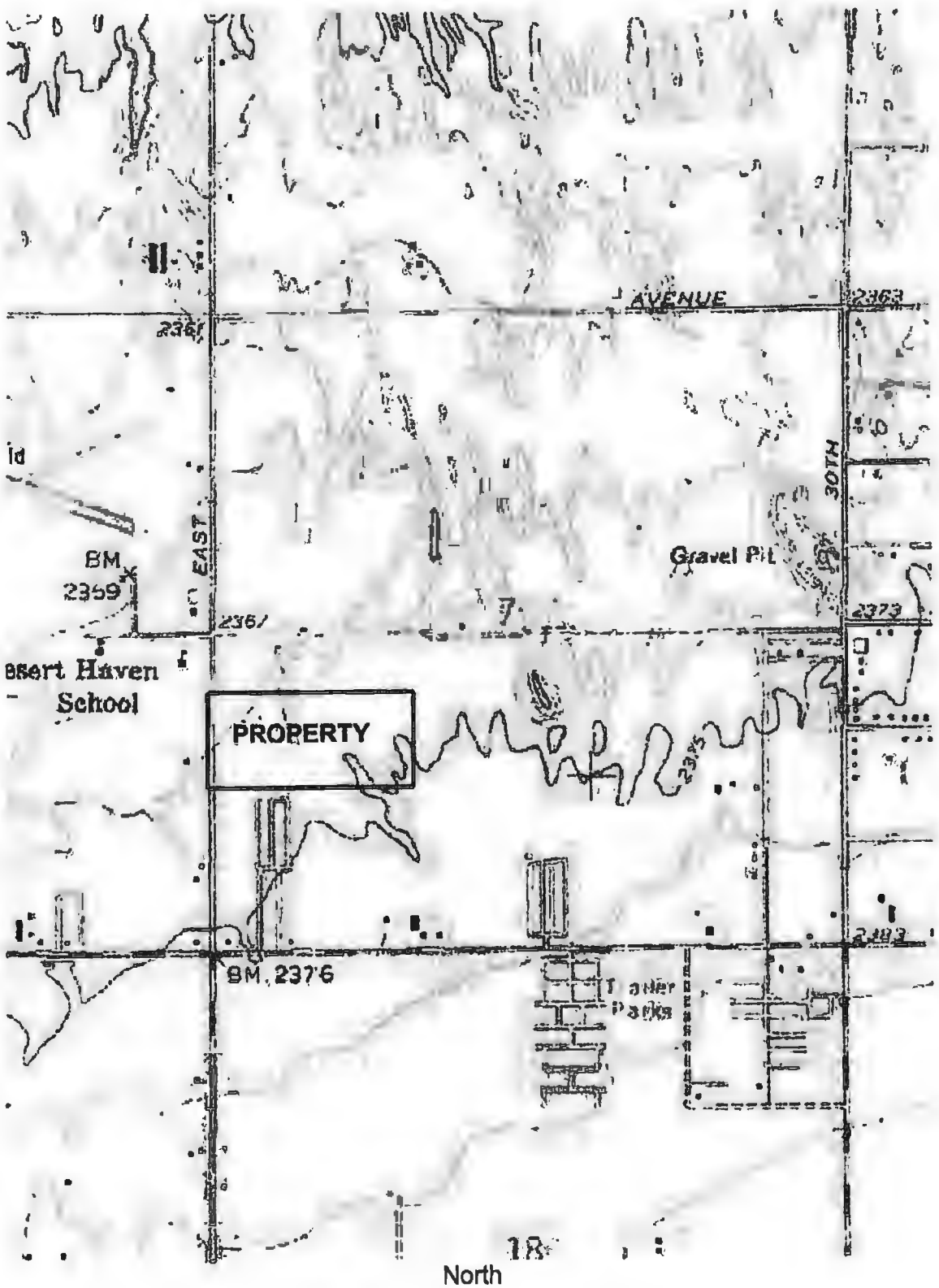
10.0 LIST OF APPENDIX SECTIONS

APPENDIX A	Maps, Figures, Additional Information & Documentation
APPENDIX B	Site Photographs
APPENDIX C	Aerial Photographs
APPENDIX D	Certifications
APPENDIX E	Radius Profile Report

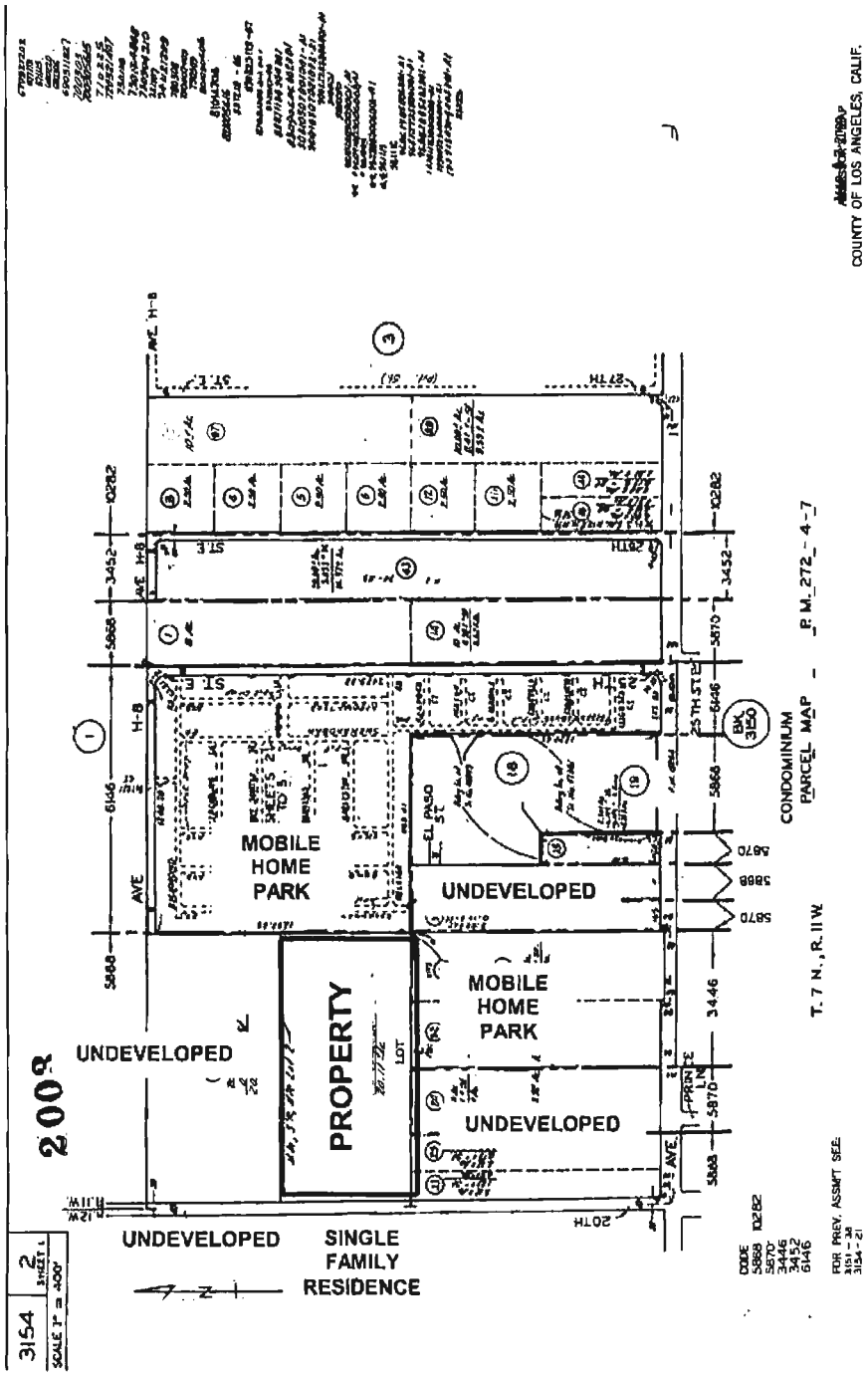
APPENDIX A

Maps, Figures, Additional Information & Documentation

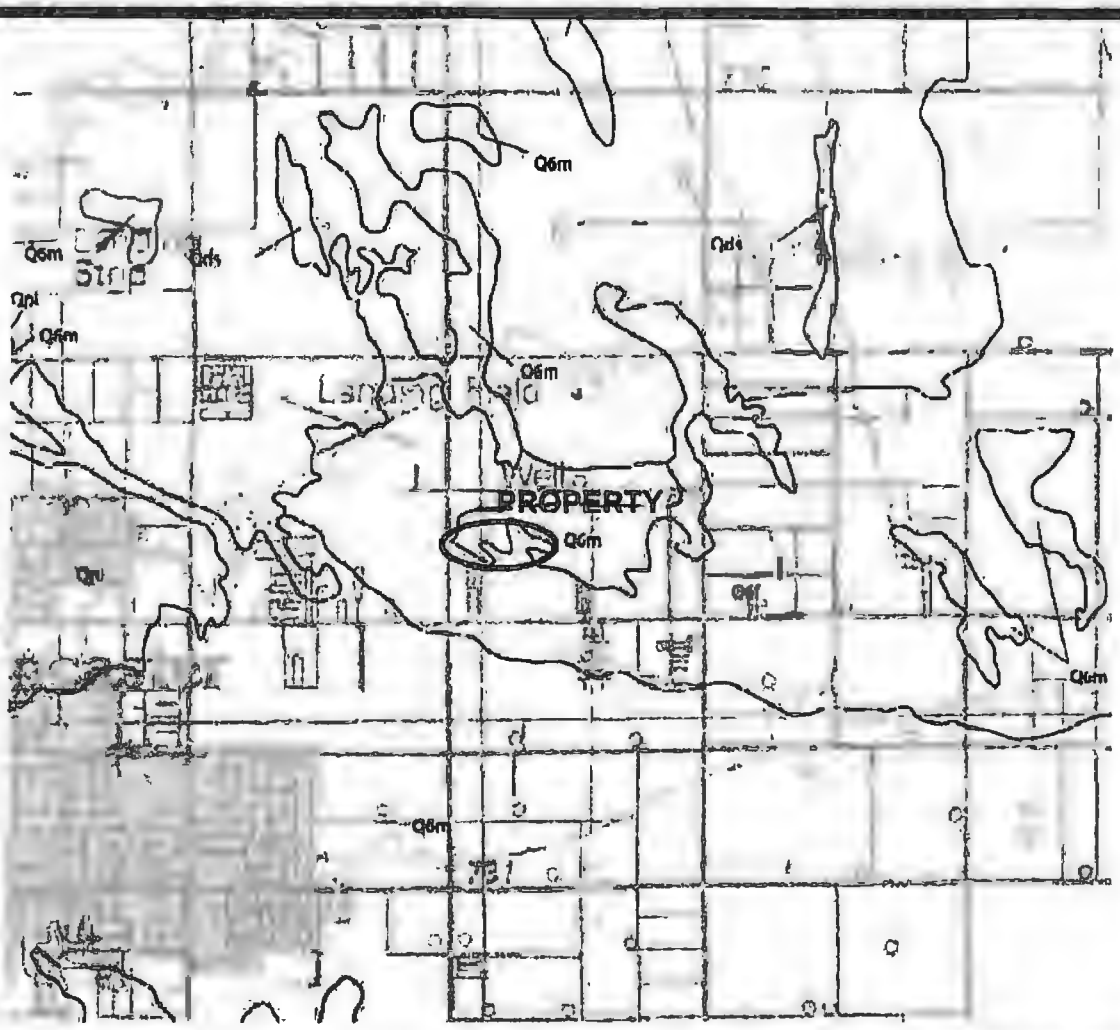
USGS 7.5 MINUTE TOPOGRAPHIC MAP
LANCASTER EAST, CA



All Phase Environmental, Inc.



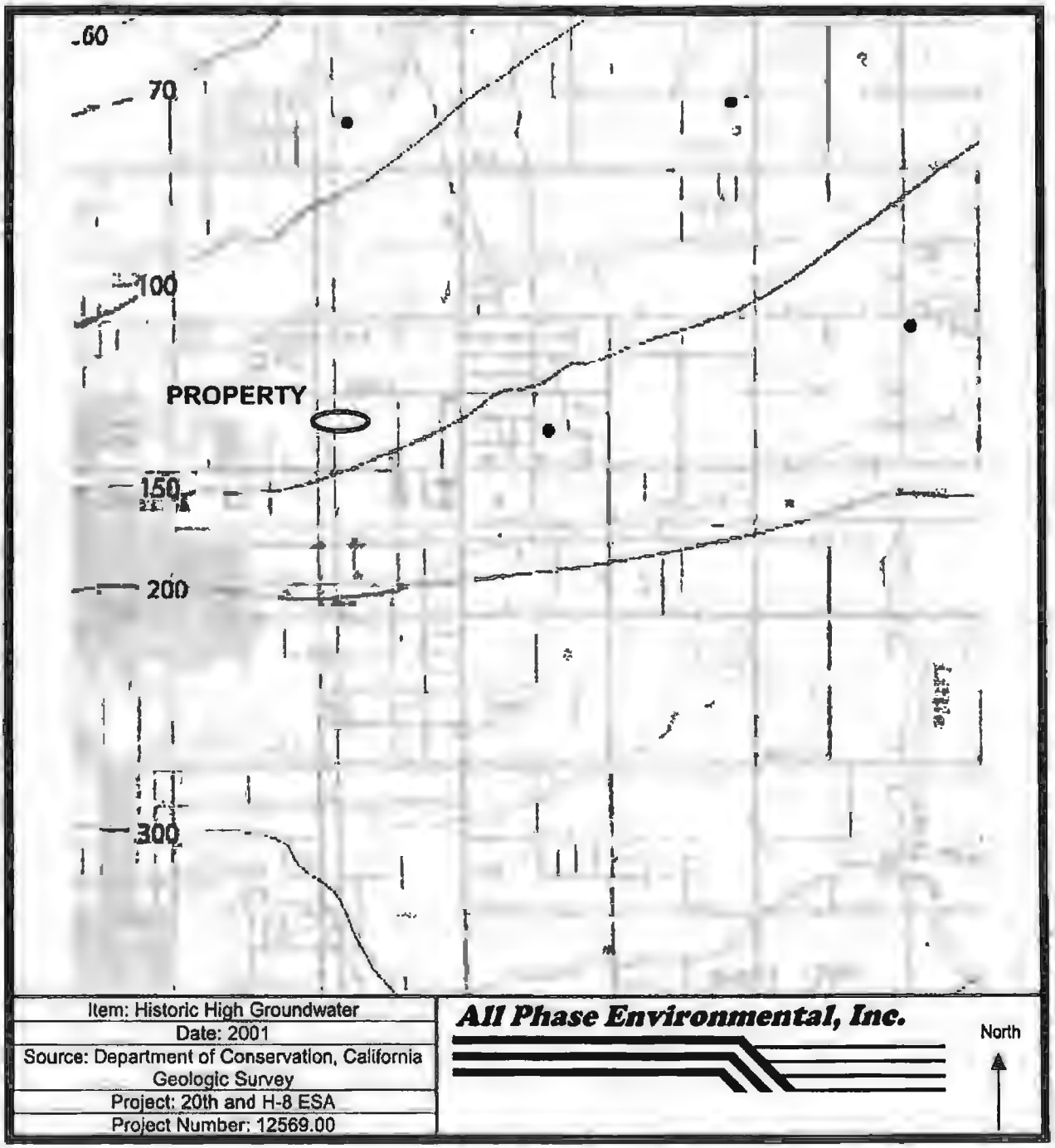
Item: Site Plot Plan	**All Phase Environmental, Inc.**
Date: August 12, 2004	
Scale: Not To Scale	
Project: 20th and H-8 ESA	North ←
Project Number: 12569.00	



Item: Property Geology
Date: 2001
Source: Department of Conservation, California Geologic Survey
Project: 20th and H-8 ESA
Project Number: 12569.00

All Phase Environmental, Inc.

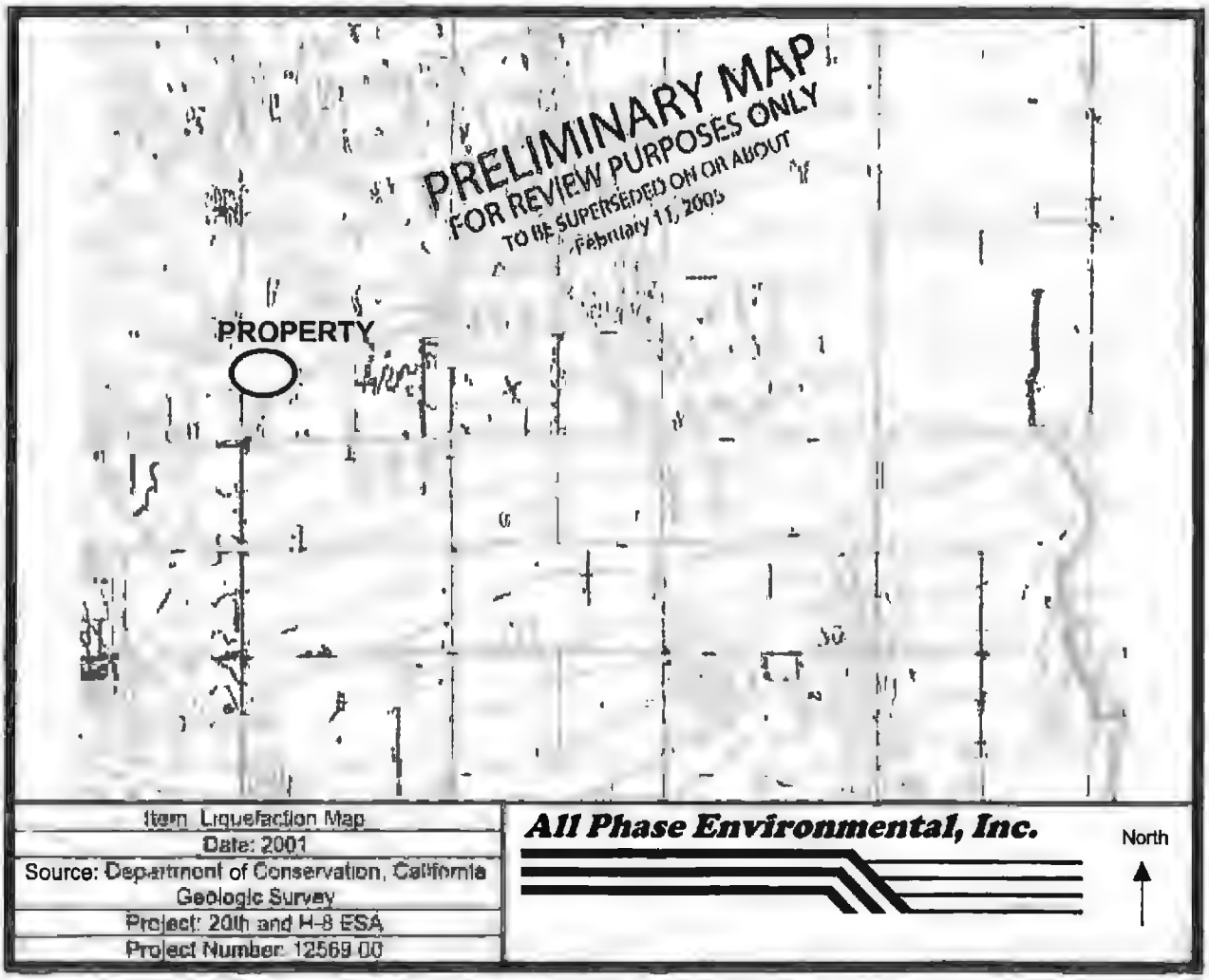
North



Item: Historic High Groundwater
Date: 2001
Source: Department of Conservation, California Geologic Survey
Project: 20th and H-8 ESA
Project Number: 12569.00

All Phase Environmental, Inc.

North



Item: Liquefaction Map
Date: 2001
Source: Department of Conservation, California Geologic Survey
Project: 20th and H-8 ESA
Project Number: 12569.00

All Phase Environmental, Inc.

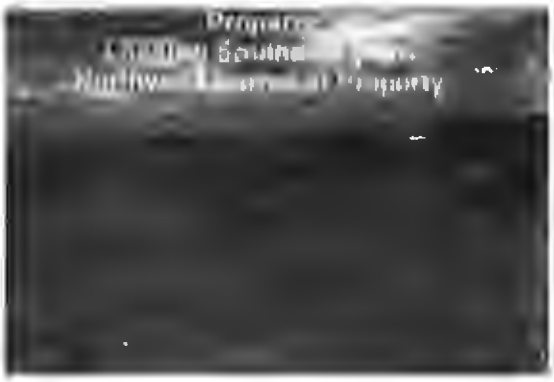
North

APPENDIX B

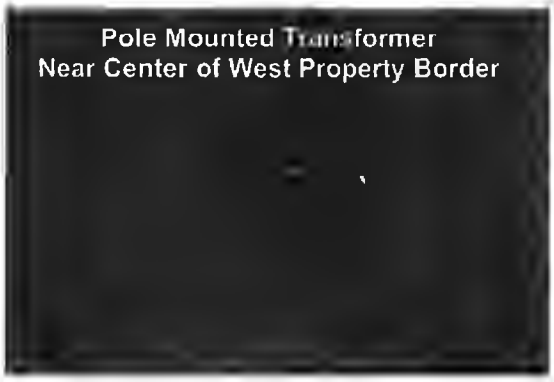
Site Photographs

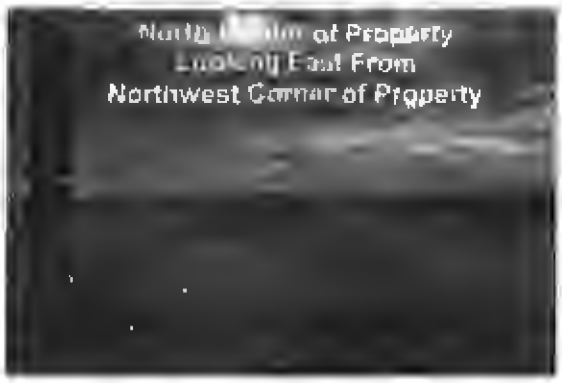
20TH AND H-8 ESA, SITE PHOTOGRAPHS

















20TH AND H-8 ESA, SITE PHOTOGRAPHS


North Adjacent Site
Looking North From Center of
North Property Border


South Adjacent Sites
Looking Southeast From Southwest
Corner of Property


East Adjacent Site
Looking Northeast From Southeast
Corner of Property


West Adjacent Sites
Looking Southwest From

APPENDIX C: REGULATORY DATABASE REPORT

PARTNER

TTM 61573
20th Street East and Avenue H-8
Lancaster, CA 93535

Inquiry Number: 6645172.2s
September 01, 2021

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

20TH STREET EAST AND AVENUE H-8
LANCASTER, CA 93535

COORDINATES

Latitude (North):	34.7087380 - 34° 42' 31.45"
Longitude (West):	118.0923170 - 118° 5' 32.34"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	399967.9
UTM Y (Meters):	3841090.2
Elevation:	2375 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5630745 LANCASTER EAST, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140515
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
20TH STREET EAST AND AVENUE H-8
LANCASTER, CA 93535

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	ELEMENTARY SCHOOL SI	KETTERING AND 17TH S	ENVIROSTOR, SCH	Higher	2965, 0.562, SW
2	ELEMENTARY SCHOOL NO	KETTERING STREET/20T	ENVIROSTOR, SCH	Higher	3098, 0.587, SSW
3	PROPOSED COMMUNITY D	30TH STREET EAST & K	ENVIROSTOR, SCH	Higher	4783, 0.906, ESE

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-VSQG ..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ..... Land Use Control Information System

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

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
CPS-SLIC..... Statewide SLIC Cases

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 Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database
SWRCY..... Recycler Database
HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
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

EXECUTIVE SUMMARY

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

Local Lists of Registered Storage Tanks

SWEEPS UST	SWEEPS UST Listing
HIST UST	Hazardous Substance Storage Container Database
CA FID UST	Facility Inventory Database
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
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
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
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
EMI	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
WIP	Well Investigation Program Case List
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)
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)
MINES MRDS	Mineral Resources Data System
HWTS	Hazardous Waste Tracking System
LOS ANGELES CO LF METHANE	Methane Producing Landfills

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 04/23/2021 has revealed that there are 3 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ELEMENTARY SCHOOL SI Facility Id: 60000976 Status: No Further Action	***KETTERING AND 17TH S***	***SW 1/2 - 1 (0.562 mi.)***	***1***	***9***
ELEMENTARY SCHOOL NO Facility Id: 19650036 Status: No Action Required	***KETTERING STREET/20T***	***SSW 1/2 - 1 (0.587 mi.)***	***2***	***12***
PROPOSED COMMUNITY D Facility Id: 60000773	***30TH STREET EAST & K***	***ESE 1/2 - 1 (0.906 mi.)***	***3***	***14***

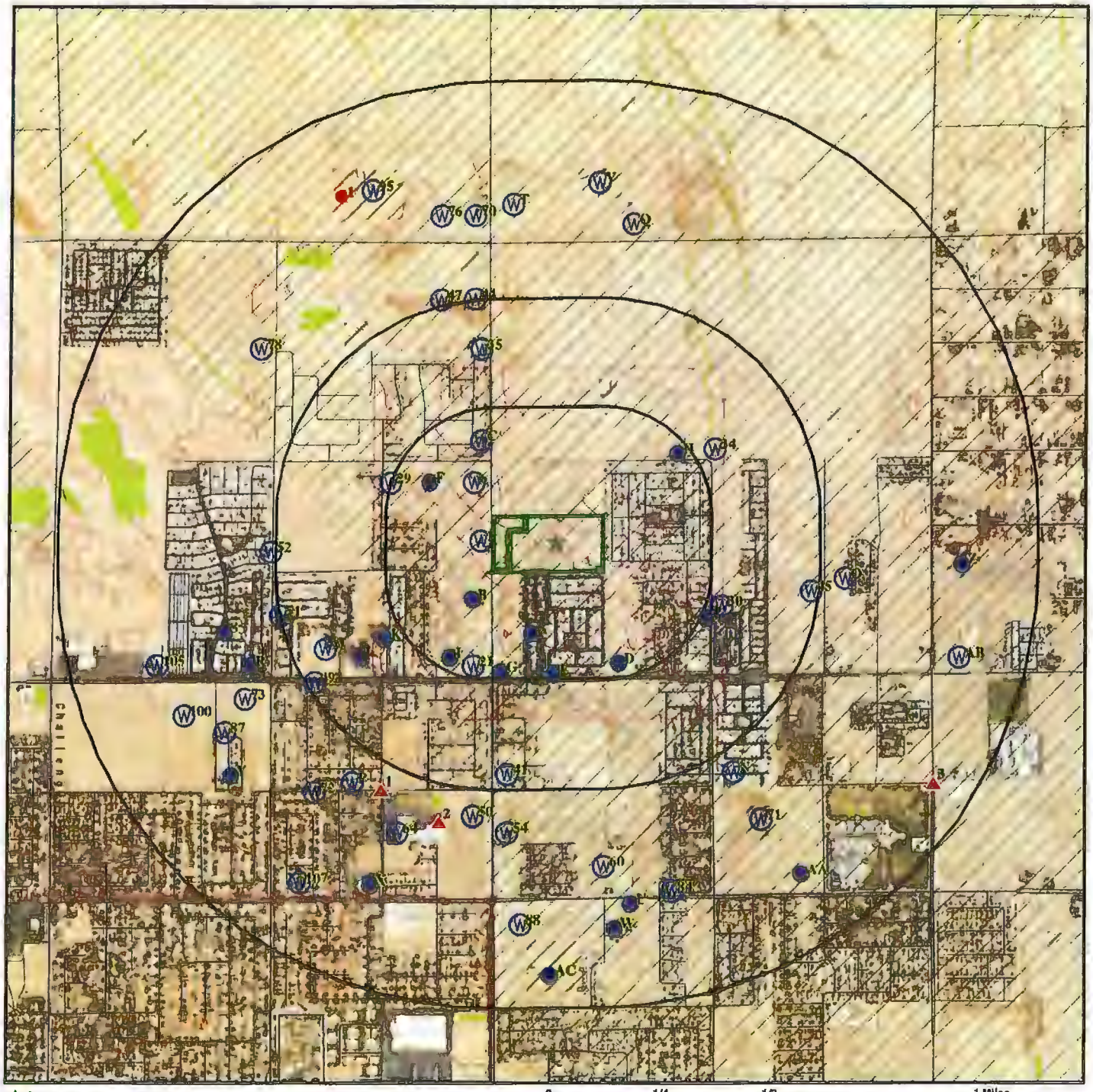
EXECUTIVE SUMMARY

Status: No Further Action

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 6645172.2S



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

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

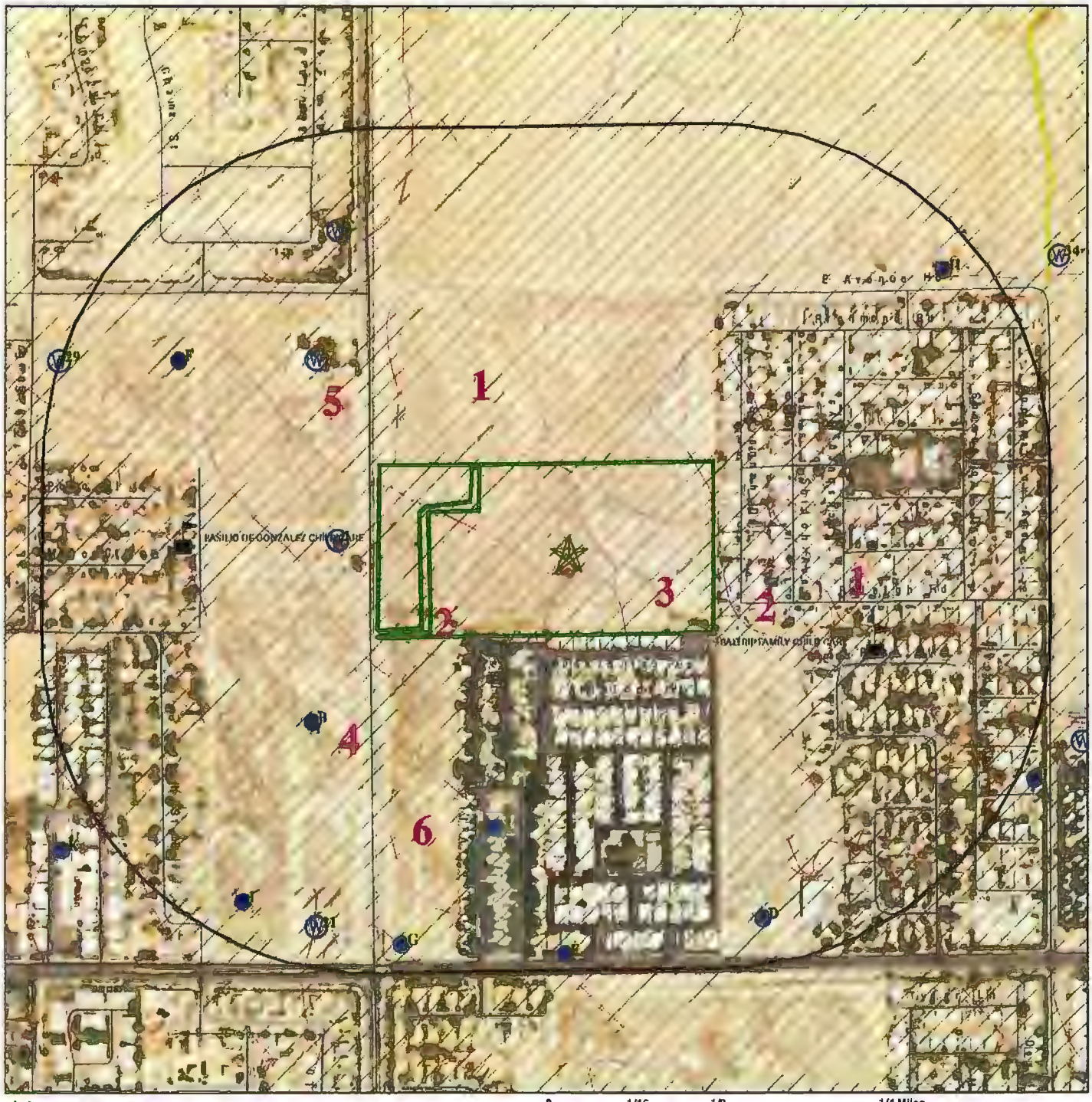
Areas of Concern

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:	TTM 062349	CLIENT:	Partner Engineering and Science, Inc.
ADDRESS:	20th Street East and Avenue H-8 Lancaster CA 93535	CONTACT:	Evelyn Perez
LAT/LONG:	34.708738 / 118.092317	INQUIRY #:	6645172.2s
		DATE:	September 01, 2021 1:37 pm

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DETAIL MAP - 6645172.2S



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- 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:	TTM 062349	CLIENT:	Partner Engineering and Science, Inc.
ADDRESS:	20th Street East and Avenue H-8 Lancaster CA 93535	CONTACT:	Evelyn Perez
LAT/LONG:	34.708738 / 118.092317	INQUIRY #:	6645172.2s
		DATE:	September 01, 2021 1:38 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	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
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	0	3	NR	3
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
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	0	NR	NR	0
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		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
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
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	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
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	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
WIP	0.250		0	0	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
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
MINES MRDS	TP		NR	NR	NR	NR	NR	0
HWTS	TP		NR	NR	NR	NR	NR	0
LOS ANGELES CO LF METHANE	0.500		0	0	0	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	0	0	0	3	0	3

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

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1 SW 1/2-1 0.562 mi. 2965 ft. **ELEMENTARY SCHOOL SITE #23 ADDITION**
KETTERING AND 17TH STREET EAST
LANCASTER, CA 93535

ENVIROSTOR SCH **S109348585 N/A**

Relative: Higher

Actual: 2383 ft.

ENVIROSTOR:

Name:	ELEMENTARY SCHOOL SITE #23 ADDITION
Address:	KETTERING AND 17TH STREET EAST
City,State,Zip:	LANCASTER, CA 93535
Facility ID:	60000976
Status:	No Further Action
Status Date:	01/02/2009
Site Code:	304611
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	5
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	36
Senate:	21
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.69988
Longitude:	-118.0987
APN:	3147-002-028, 3147-002-029, 3147002028, 3147002029
Past Use:	NONE
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	No Contaminants found
Potential Description:	NMA
Alias Name:	Discovery School
Alias Type:	Alternate Name
Alias Name:	3147-002-028
Alias Type:	APN
Alias Name:	3147-002-029
Alias Type:	APN
Alias Name:	3147002028
Alias Type:	APN
Alias Name:	3147002029
Alias Type:	APN
Alias Name:	304611
Alias Type:	Project Code (Site Code)
Alias Name:	60000976
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:	01/05/2009
Comments:	DTSC prepared project close out Cost Recovery Unit Memorandum.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

ELEMENTARY SCHOOL SITE #23 ADDITION (Continued) **S109348585**

Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	12/24/2008
Comments:	DTSC conducted a site visit on December 24, 2008.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	11/07/2008
Comments:	DTSC issued a Phase I Addendum required determination based on the Phase I report.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1 Addendum
Completed Date:	01/02/2009
Comments:	DTSC approved the Phase I report with a no further action determination.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	ELEMENTARY SCHOOL SITE #23 ADDITION
Address:	KETTERING AND 17TH STREET EAST
City,State,Zip:	LANCASTER, CA 93535
Facility ID:	60000976
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	5
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304611
Assembly:	36
Senate:	21
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	01/02/2009
Restricted Use:	NO
Funding:	School District
Latitude:	34.69988
Longitude:	-118.0987
APN:	3147-002-028, 3147-002-029, 3147002028, 3147002029
Past Use:	NONE

ELEMENTARY SCHOOL SITE #23 ADDITION (Continued) **S109348585**

Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: No Contaminants found
Potential Description: NMA
Alias Name: Discovery School
Alias Type: Alternate Name
Alias Name: 3147-002-028
Alias Type: APN
Alias Name: 3147-002-029
Alias Type: APN
Alias Name: 3147002028
Alias Type: APN
Alias Name: 3147002029
Alias Type: APN
Alias Name: 304611
Alias Type: Project Code (Site Code)
Alias Name: 60000976
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: 01/05/2009
Comments: DTSC prepared project close out Cost Recovery Unit Memorandum.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/24/2008
Comments: DTSC conducted a site visit on December 24, 2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 11/07/2008
Comments: DTSC issued a Phase I Addendum required determination based on the Phase I report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 01/02/2009
Comments: DTSC approved the Phase I report with a no further action determination.

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

2 SSW 1/2-1 0.587 mi. 3098 ft. **ELEMENTARY SCHOOL NO. 23**
KETTERING STREET/20TH STREET EAST
LANCASTER, CA 93535

ENVIROSTOR SCH **S118756542 N/A**

Relative: Higher

Actual: 2385 ft.

ENVIROSTOR:

Name:	ELEMENTARY SCHOOL NO. 23
Address:	KETTERING STREET/20TH STREET EAST
City,State,Zip:	LANCASTER, CA 93535
Facility ID:	19650036
Status:	No Action Required
Status Date:	01/26/2005
Site Code:	304461
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	15
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	36
Senate:	21
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.69950
Longitude:	-118.097
APN:	NONE SPECIFIED
Past Use:	NONE
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	LANCASTER SD-PROPOSED ELEMENTARY SCL #23
Alias Type:	Alternate Name
Alias Name:	304461
Alias Type:	Project Code (Site Code)
Alias Name:	19650036
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	08/06/2004
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	01/26/2005
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	08/12/2004

ELEMENTARY SCHOOL NO. 23 (Continued) **S118756542**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 01/19/2005
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:

Name: ELEMENTARY SCHOOL NO. 23
Address: KETTERING STREET/20TH STREET EAST
City,State,Zip: LANCASTER, CA 93535
Facility ID: 19650036
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 15
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304461
Assembly: 36
Senate: 21
Special Program Status: Not reported
Status: No Action Required
Status Date: 01/26/2005
Restricted Use: NO
Funding: School District
Latitude: 34.69950
Longitude: -118.097
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: LANCASTER SD-PROPOSED ELEMENTARY SCL #23
Alias Type: Alternate Name
Alias Name: 304461
Alias Type: Project Code (Site Code)
Alias Name: 19650036
Alias Type: Envirostor ID Number

ELEMENTARY SCHOOL NO. 23 (Continued) **S118756542**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	08/06/2004
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	01/26/2005
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	08/12/2004
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1 Addendum
Completed Date:	01/19/2005
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

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3 **PROPOSED COMMUNITY DAY SCHOOL** **ENVIROSTOR** **S108974331**
ESE **30TH STREET EAST & KETTERING AVENUE** **SCH** **N/A**
1/2-1 **LANCASTER, CA 93535**
0.906 mi.
4783 ft.

Relative: **Higher**

Actual: **2392 ft.**

ENVIROSTOR:

Name:	PROPOSED COMMUNITY DAY SCHOOL
Address:	30TH STREET EAST & KETTERING AVENUE
City,State,Zip:	LANCASTER, CA 93535
Facility ID:	60000773
Status:	No Further Action
Status Date:	04/03/2008
Site Code:	304580
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	4.66
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Aslam Shareef
Supervisor:	Shahir Haddad

PROPOSED COMMUNITY DAY SCHOOL (Continued) **S108974331**

Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 36
Senate: 21
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.7008
Longitude: -118.0770
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: Under Investigation Arsenic Chlordane DDD DDE DDT Dioxin (as 2,3,7,8-TCDD TEQ Endrin Toxaphene Aldrin Heptachlor Methoxychlor Mirex Not reported
Confirmed COC: 30001-NO 30004-NO 30006-NO 30007-NO 30008-NO 30009-NO 30010-NO 30367-NO 30400-NO 30023-NO Under Investigation 30043-NO 30308-NO
Potential Description: SOIL
Alias Name: 304580
Alias Type: Project Code (Site Code)
Alias Name: 60000773
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 12/19/2007
Comments: Sent fully executed agreement to district.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/04/2008
Comments: Cost Recovery Closeout Memo .

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/16/2008
Comments: The PEA tech memo was approved by DTSC on 01/16/2008. Fieldwork is scheduled for January 21, 2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/21/2008
Comments: PEA fieldwork completed on January 21, 2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/03/2008
Comments: Approval of Final PEA Report letter

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

PROPOSED COMMUNITY DAY SCHOOL (Continued) **S108974331**

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

SCH:

Name:	PROPOSED COMMUNITY DAY SCHOOL
Address:	30TH STREET EAST & KETTERING AVENUE
City,State,Zip:	LANCASTER, CA 93535
Facility ID:	60000773
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	4.66
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Aslam Shareef
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304580
Assembly:	36
Senate:	21
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	04/03/2008
Restricted Use:	NO
Funding:	School District
Latitude:	34.7008
Longitude:	-118.0770
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Under Investigation, Arsenic, Chlordane, DDD, DDE, DDT, Dioxin (as 2,3,7,8-TCDD TEQ, Endrin, Toxaphene, Aldrin, Heptachlor, Methoxychlor, Mirex
Confirmed COC:	30001-NO, 30004-NO, 30006-NO, 30007-NO, 30008-NO, 30009-NO, 30010-NO, 30367-NO, 30400-NO, 30023-NO, Under Investigation, 30043-NO, 30308-NO
Potential Description:	SOIL
Alias Name:	304580
Alias Type:	Project Code (Site Code)
Alias Name:	60000773
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	12/19/2007
Comments:	Sent fully executed agreement to district.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo

PROPOSED COMMUNITY DAY SCHOOL (Continued) **S108974331**

Completed Date:	04/04/2008
Comments:	Cost Recovery Closeout Memo .
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	01/16/2008
Comments:	The PEA tech memo was approved by DTSC on 01/16/2008. Fieldwork is scheduled for January 21, 2008.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	01/21/2008
Comments:	PEA fieldwork completed on January 21, 2008.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	04/03/2008
Comments:	Approval of Final PEA Report letter
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: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 10/11/2021
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: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

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

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 10/11/2021
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: 02/22/2021
Date Data Arrived at EDR: 03/30/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/23/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 10/25/2021
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: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
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: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
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: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
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: 05/10/2021
Date Data Arrived at EDR: 05/13/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 82

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/05/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/23/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/23/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

Federal ERNS list

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

Date of Government Version: 06/14/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 61

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

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

Date of Government Version: 04/23/2021
Date Data Arrived at EDR: 04/23/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/22/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

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

Date of Government Version: 04/23/2021
Date Data Arrived at EDR: 04/23/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/22/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

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

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

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 77

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

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

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

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

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

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

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

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

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

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

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

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

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

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

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

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

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/09/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
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: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
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: 11/12/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
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: 10/07/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

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

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 12/22/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
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: 10/02/2020
Date Data Arrived at EDR: 12/18/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 84

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 11/01/2021
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: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

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

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

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

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 33

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

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

Date of Government Version: 05/20/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/30/2021
Number of Days to Update: 87

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
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: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
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: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/02/2020
Date Data Arrived at EDR: 12/18/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 84

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 11/01/2021
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: 10/07/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
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: 09/30/2020
Date Data Arrived at EDR: 12/22/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
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: 10/09/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: No Update Planned

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

Date of Government Version: 04/23/2021
Date Data Arrived at EDR: 04/23/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 80
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/22/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: No Update Planned

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 79
Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
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: 06/10/2021
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 68
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/10/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: No Update Planned

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

Date of Government Version: 06/04/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 84

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 11/23/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
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
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

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

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: No Update Planned

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

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

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

Date of Government Version: 04/23/2021
Date Data Arrived at EDR: 04/23/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/22/2021
Next Scheduled EDR Contact: 11/08/2021
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: 12/31/2019
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 10/18/2021
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.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
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: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
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: 06/04/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 09/20/2021
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

HIST UST: Hazardous Substance Storage Container Database

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

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

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

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/07/2021
Date Made Active in Reports: 07/23/2021
Number of Days to Update: 77

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/14/2021
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

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

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

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

CERS TANKS: California Environmental Reporting System (CERS) Tanks

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

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing

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

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
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: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

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

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

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

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/24/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 85

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

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

Date of Government Version: 04/04/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
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: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Quality Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
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: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
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: 05/04/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 85

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

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: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

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

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/06/2021
Next Scheduled EDR Contact: 11/22/2021
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: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
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: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: No Update Planned

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: 08/06/2021
Next Scheduled EDR Contact: 11/15/2021
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: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 11/29/2021
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: 04/19/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/16/2021
Number of Days to Update: 87

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/19/2021
Next Scheduled EDR Contact: 11/01/2021
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: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 05/07/2021
Date Data Arrived at EDR: 05/13/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/14/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

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

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

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 03/05/2021
Number of Days to Update: 50

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 11/15/2021
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: 11/19/2020
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Annually

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

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

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

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/11/2021
Date Made Active in Reports: 05/11/2021
Number of Days to Update: 61
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/14/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 70
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 05/27/2021
Next Scheduled EDR Contact: 09/13/2021
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: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
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: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/06/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

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

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: No Update Planned

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

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

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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

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

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

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/23/2021
Next Scheduled EDR Contact: 11/08/2021
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: 06/30/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 07/16/2021
Number of Days to Update: 2

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/02/2021
Next Scheduled EDR Contact: 10/18/2021
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: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
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: 07/02/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

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: 07/23/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/12/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

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

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

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

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

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

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: No Update Planned

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: No Update Planned

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 05/27/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 14

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 08/25/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Quarterly

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: 05/03/2021
Date Data Arrived at EDR: 05/25/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 78

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
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: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
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: 06/15/2021
Date Data Arrived at EDR: 06/16/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 62

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/20/2021
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: 05/05/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 91

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/07/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/04/2021
Date Data Arrived at EDR: 04/06/2021
Date Made Active in Reports: 06/25/2021
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 10/18/2021
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: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 81

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

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

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

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

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 79

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
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: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/22/2021
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: 05/25/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Annually

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 05/26/2021
Date Made Active in Reports: 08/18/2021
Number of Days to Update: 84

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
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: 05/18/2021
Date Data Arrived at EDR: 05/19/2021
Date Made Active in Reports: 08/05/2021
Number of Days to Update: 78

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 78

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/10/2021
Next Scheduled EDR Contact: 09/27/2021
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: 04/16/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 04/14/2021
Date Data Arrived at EDR: 04/15/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/13/2021
Date Data Arrived at EDR: 05/13/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 74

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 11/22/2021
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: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 74

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/29/2021
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: 05/14/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 74

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/05/2021
Date Data Arrived at EDR: 04/06/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
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: 05/06/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/22/2021
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: 05/28/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 06/04/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 84

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/20/2021
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: 03/12/2021
Date Data Arrived at EDR: 03/16/2021
Date Made Active in Reports: 06/01/2021
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/25/2021
Number of Days to Update: 83

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
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: 11/19/2019
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 62

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List

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

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 06/07/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 81

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 06/07/2021
Next Scheduled EDR Contact: 09/20/2021
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: 05/19/2021
Date Data Arrived at EDR: 05/19/2021
Date Made Active in Reports: 08/12/2021
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
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: 04/19/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
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: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/25/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 04/08/2021
Date Data Arrived at EDR: 04/09/2021
Date Made Active in Reports: 04/20/2021
Number of Days to Update: 11

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

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

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

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

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

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

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

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 03/17/2021
Date Data Arrived at EDR: 03/18/2021
Date Made Active in Reports: 03/25/2021
Number of Days to Update: 7

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 02/02/2021
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 04/23/2021
Number of Days to Update: 78

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
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: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 06/15/2021
Date Data Arrived at EDR: 06/16/2021
Date Made Active in Reports: 07/02/2021
Number of Days to Update: 16

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
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: 04/21/2021
Date Data Arrived at EDR: 04/22/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 81

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 12/17/2020
Date Data Arrived at EDR: 01/28/2021
Date Made Active in Reports: 04/16/2021
Number of Days to Update: 78

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/12/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 75

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
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: 01/14/2021
Date Data Arrived at EDR: 01/15/2021
Date Made Active in Reports: 04/05/2021
Number of Days to Update: 80

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 06/23/2021
Next Scheduled EDR Contact: 10/11/2021
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: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 05/20/2021
Number of Days to Update: 2

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/14/2021
Date Data Arrived at EDR: 04/15/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 82

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INYO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 04/22/2021
Date Data Arrived at EDR: 04/30/2021
Date Made Active in Reports: 07/19/2021
Number of Days to Update: 80

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/06/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 08/18/2021
Number of Days to Update: 6

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/15/2021
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: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/12/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 75

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/06/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: No Update Planned

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

Date of Government Version: 04/08/2021
Date Data Arrived at EDR: 04/13/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 76

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/12/2021
Date Data Arrived at EDR: 04/13/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 76

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/25/2021
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: 01/01/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 81

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/06/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 02/04/2021
Date Data Arrived at EDR: 04/16/2021
Date Made Active in Reports: 04/21/2021
Number of Days to Update: 5

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 07/12/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 11

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
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: 03/02/2021
Date Data Arrived at EDR: 04/16/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 81

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/06/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/02/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
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: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: No Update Planned

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 03/24/2021
Date Data Arrived at EDR: 04/07/2021
Date Made Active in Reports: 06/24/2021
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/13/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 73

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 08/09/2021
Next Scheduled EDR Contact: 11/28/2021
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/06/3021
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/23/2021
Date Data Arrived at EDR: 06/23/2021
Date Made Active in Reports: 06/24/2021
Number of Days to Update: 1

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
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: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
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: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 04/29/2021
Date Made Active in Reports: 07/15/2021
Number of Days to Update: 77

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 04/30/2021
Date Made Active in Reports: 07/19/2021
Number of Days to Update: 80

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/29/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/12/2021
Number of Days to Update: 9

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 04/29/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/29/2021
Date Data Arrived at EDR: 04/30/2021
Date Made Active in Reports: 07/19/2021
Number of Days to Update: 80

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/29/2021
Next Scheduled EDR Contact: 11/15/2021
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: 05/25/2021
Date Data Arrived at EDR: 05/26/2021
Date Made Active in Reports: 06/01/2021
Number of Days to Update: 6

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
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: 06/29/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 06/29/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/07/2021
Next Scheduled EDR Contact: 09/27/2021
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: 03/30/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 83

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 10/11/2021
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: 03/30/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/25/2021
Number of Days to Update: 85

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 04/29/2021
Date Made Active in Reports: 05/03/2021
Number of Days to Update: 4

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
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: 05/19/2021
Date Data Arrived at EDR: 05/19/2021
Date Made Active in Reports: 06/07/2021
Number of Days to Update: 19

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

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

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/01/2021
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: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
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: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/07/2021
Date Made Active in Reports: 07/23/2021
Number of Days to Update: 77

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/07/2021
Date Made Active in Reports: 07/23/2021
Number of Days to Update: 77

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: No Update Planned

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 05/07/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 05/14/2021
Number of Days to Update: 3

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
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: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/10/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: No Update Planned

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: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 02/24/2021
Date Data Arrived at EDR: 02/26/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 82

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 11/29/2021
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: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
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: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
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: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: No Update Planned

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/23/2021
Date Data Arrived at EDR: 03/25/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 77

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/12/2021
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/28/2021
Next Scheduled EDR Contact: 10/04/2021
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: 04/01/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/17/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 78

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/06/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 05/26/2021
Date Made Active in Reports: 08/18/2021
Number of Days to Update: 84

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 04/06/2021
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 04/14/2021
Date Data Arrived at EDR: 04/15/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 04/26/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

VENTURA COUNTY:

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

Date of Government Version: 03/29/2021
Date Data Arrived at EDR: 04/22/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 81
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

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

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/29/2021
Date Data Arrived at EDR: 04/21/2021
Date Made Active in Reports: 04/23/2021
Number of Days to Update: 2
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
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: 05/26/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 84
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/26/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 83
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 04/21/2021
Date Data Arrived at EDR: 04/22/2021
Date Made Active in Reports: 05/12/2021
Number of Days to Update: 20

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 03/24/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 07/28/2021
Number of Days to Update: 78

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/29/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/07/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/11/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
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 Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

TTM 062349
20TH STREET EAST AND AVENUE H-8
LANCASTER, CA 93535

TARGET PROPERTY COORDINATES

Latitude (North):	34.708738 - 34° 42' 31.46"
Longitude (West):	118.092317 - 118° 5' 32.34"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	399967.9
UTM Y (Meters):	3841090.2
Elevation:	2375 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5630745 LANCASTER EAST, 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).

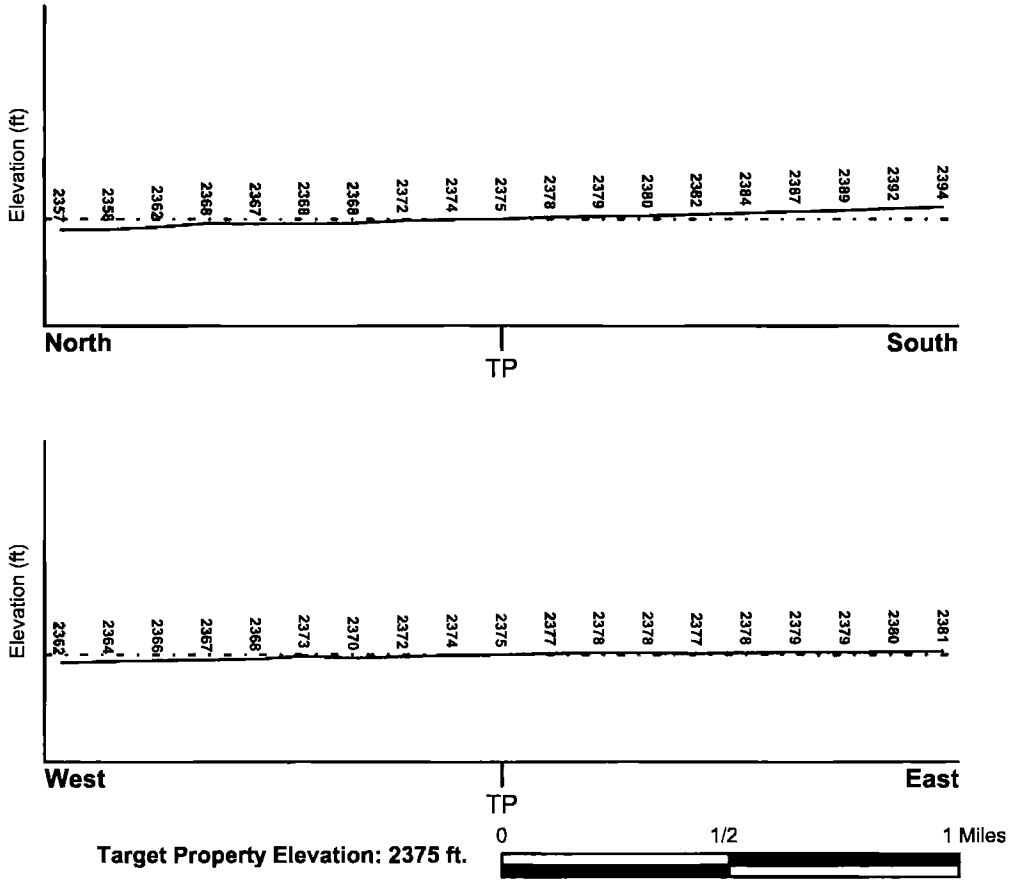
TOPOGRAPHIC INFORMATION

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 NW

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

Flood Plain Panel at Target Property	FEMA Source Type
06037C0450F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
Not Reported	

NATIONAL WETLAND INVENTORY

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

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1998 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

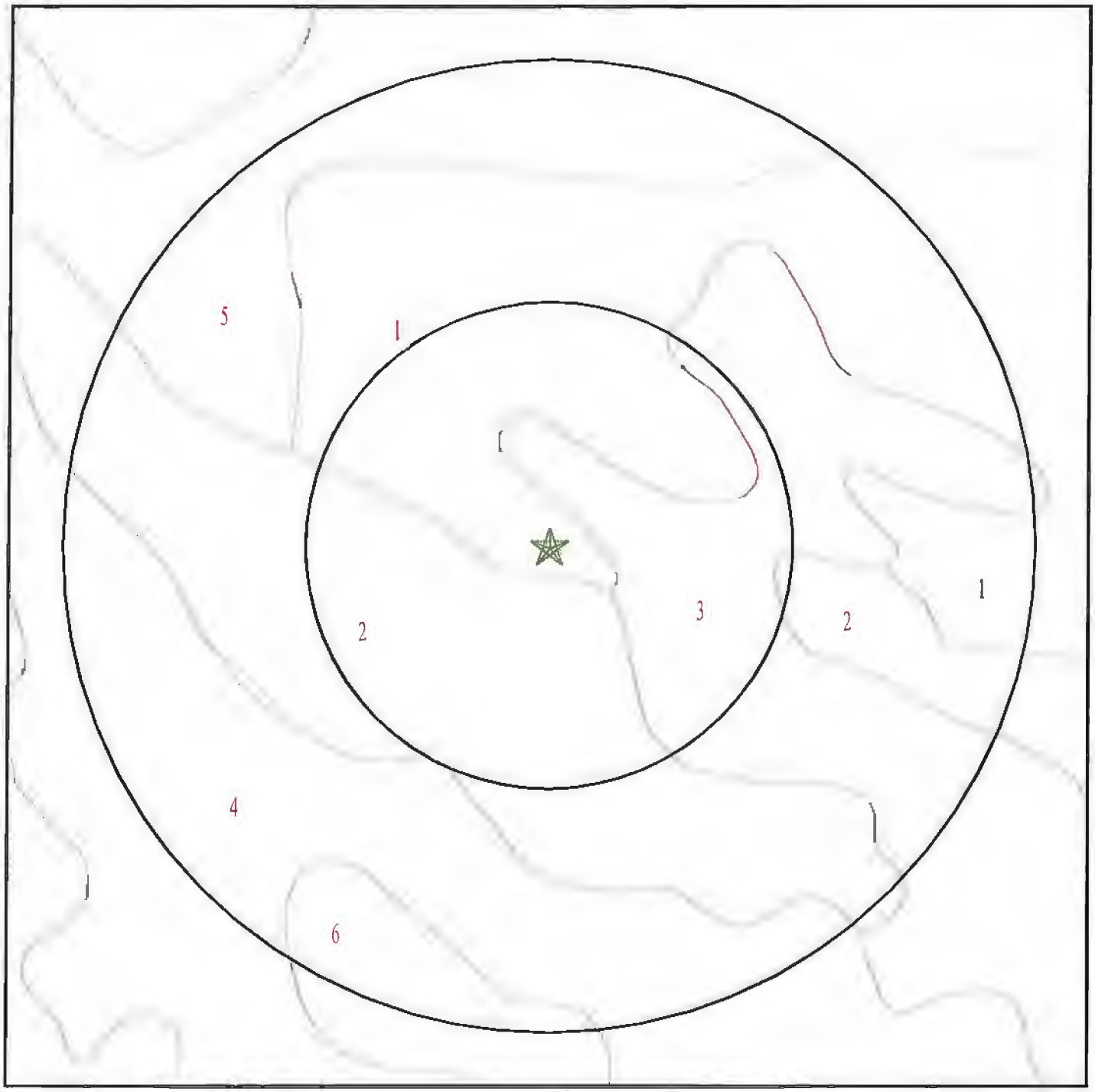
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

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

SSURGO SOIL MAP - 6645172.2s



Target Property
SSURGO Soil
Water

SITE NAME:	TTM 062349	CLIENT:	Partner Engineering and Science, Inc.
ADDRESS:	20th Street East and Avenue H-8 Lancaster CA 93535	CONTACT:	Evelyn Perez
		INQUIRY #:	6645172.2s
LAT/LONG:	34.708738 / 118.092317	DATE:	September 01, 2021 1:38 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Rosamond

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.9
2	14 inches	59 inches	stratified loam to silty clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.9

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Hesperia

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.4
2	7 inches	53 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.4
3	53 inches	77 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: Hesperia

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.4
2	3 inches	53 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.4
3	53 inches	77 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.4

Soil Map ID: 4

Soil Component Name: Rosamond

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: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 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: 4 Min: 1.4	Max: 9 Min: 7.9
2	7 inches	59 inches	stratified loam to silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 9 Min: 7.9

Soil Map ID: 5

Soil Component Name: Rosamond

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.9
2	14 inches	59 inches	stratified loam to silty clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.9

Soil Map ID: 6

Soil Component Name: Rosamond

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: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 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: 8.4 Min: 7.9
2	7 inches	59 inches	stratified loam to silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.9

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000152211	1/8 - 1/4 Mile West
B4	USGS40000152162	1/8 - 1/4 Mile SW
A5	USGS40000152126	1/8 - 1/4 Mile SSW
6	USGS40000152246	1/8 - 1/4 Mile NW
C8	USGS40000152287	1/4 - 1/2 Mile NW
D9	USGS40000152101	1/4 - 1/2 Mile SSE
E10	USGS40000152034	1/4 - 1/2 Mile South
C14	USGS40000152319	1/4 - 1/2 Mile NW
G15	USGS40000152035	1/4 - 1/2 Mile SSW
G16	USGS40000152064	1/4 - 1/2 Mile SSW
H18	USGS40000152280	1/4 - 1/2 Mile NE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
D19	USGS40000152062	1/4 - 1/2 Mile SSE
I20	USGS40000152127	1/4 - 1/2 Mile SW
21	USGS40000152065	1/4 - 1/2 Mile SW
F22	USGS40000152247	1/4 - 1/2 Mile WNW
J31	USGS40000152139	1/4 - 1/2 Mile ESE
K32	USGS40000152131	1/4 - 1/2 Mile WSW
34	USGS40000152286	1/4 - 1/2 Mile ENE
35	USGS40000152357	1/4 - 1/2 Mile NNW
L38	USGS40000152102	1/4 - 1/2 Mile WSW
L39	USGS40000152066	1/2 - 1 Mile WSW
41	USGS40000151940	1/2 - 1 Mile SSW
M43	USGS40000152112	1/2 - 1 Mile WSW
44	USGS40000152413	1/2 - 1 Mile NNW
M46	USGS40000152113	1/2 - 1 Mile WSW
50	USGS40000151897	1/2 - 1 Mile SSW
51	USGS40000152148	1/2 - 1 Mile WSW
O53	USGS40000152188	1/2 - 1 Mile East
54	USGS40000151881	1/2 - 1 Mile South
O55	USGS40000152166	1/2 - 1 Mile East
P57	USGS40000151941	1/2 - 1 Mile SW
Q58	USGS40000152484	1/2 - 1 Mile NNE
P59	USGS40000151919	1/2 - 1 Mile SW
60	USGS40000151857	1/2 - 1 Mile South
R61	USGS40000152068	1/2 - 1 Mile WSW
R62	USGS40000152067	1/2 - 1 Mile WSW
S63	USGS40000152140	1/2 - 1 Mile WSW
64	USGS40000151882	1/2 - 1 Mile SSW
T66	USGS40000152545	1/2 - 1 Mile North
T67	USGS40000152546	1/2 - 1 Mile North
T68	USGS40000152560	1/2 - 1 Mile North
T69	USGS40000152561	1/2 - 1 Mile North
70	USGS40000152547	1/2 - 1 Mile NNW
Q74	USGS40000152559	1/2 - 1 Mile NNE
S77	USGS40000152114	1/2 - 1 Mile WSW
78	USGS40000152358	1/2 - 1 Mile WNW
T80	USGS40000152576	1/2 - 1 Mile North
T81	USGS40000152577	1/2 - 1 Mile North
V82	USGS40000152584	1/2 - 1 Mile North
V83	USGS40000152585	1/2 - 1 Mile North
84	USGS40000151818	1/2 - 1 Mile SSE
U86	USGS40000150992	1/2 - 1 Mile South
87	USGS40000151974	1/2 - 1 Mile WSW
88	USGS40000151794	1/2 - 1 Mile South
X89	USGS40000151834	1/2 - 1 Mile SSW
X90	USGS40000151849	1/2 - 1 Mile SSW
X91	USGS40000151819	1/2 - 1 Mile SSW
Y93	USGS40000151942	1/2 - 1 Mile SW
95	USGS40000152578	1/2 - 1 Mile NNW
Z96	USGS40000152187	1/2 - 1 Mile East
W97	USGS40000151782	1/2 - 1 Mile South
100	USGS40000151983	1/2 - 1 Mile WSW
AB103	USGS40000152125	1/2 - 1 Mile ESE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
Z104	USGS40000152186	1/2 - 1 Mile East
105	USGS40000152063	1/2 - 1 Mile WSW
AA106	USGS40000151848	1/2 - 1 Mile SE
107	USGS40000151835	1/2 - 1 Mile SW
AB108	USGS40000152060	1/2 - 1 Mile ESE
AB109	USGS40000152061	1/2 - 1 Mile ESE
AC110	USGS40000151752	1/2 - 1 Mile South

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	CADDW0000008239	1/8 - 1/4 Mile SSW
A3	CADDW0000009865	1/8 - 1/4 Mile SSW
B7	CADWR9000012062	1/8 - 1/4 Mile WSW
E11	CADWR9000012013	1/4 - 1/2 Mile South
F12	CADWR9000012095	1/4 - 1/2 Mile WNW
D13	CADWR9000012025	1/4 - 1/2 Mile SSE
G17	7485	1/4 - 1/2 Mile SSW
I23	CADWR9000012026	1/4 - 1/2 Mile SW
J24	CADWR9000012058	1/4 - 1/2 Mile ESE
H25	CADWR9000012123	1/4 - 1/2 Mile NE
J26	7486	1/4 - 1/2 Mile ESE
I27	CADWR9000012027	1/4 - 1/2 Mile SW
J28	CADDW0000004138	1/4 - 1/2 Mile ESE
29	CADWR9000012096	1/4 - 1/2 Mile WNW
30	CADDW0000010536	1/4 - 1/2 Mile ESE
K33	CADDW0000015844	1/4 - 1/2 Mile WSW
K36	CADWR9000012053	1/4 - 1/2 Mile WSW
K37	7522	1/4 - 1/2 Mile WSW
L40	CADDW0000016214	1/2 - 1 Mile WSW
L42	CADWR9000012042	1/2 - 1 Mile WSW
45	CADWR9000012064	1/2 - 1 Mile East
47	CADWR9000012182	1/2 - 1 Mile NNW
N48	7497	1/2 - 1 Mile SE
49	7521	1/2 - 1 Mile WSW
52	CADDW0000008632	1/2 - 1 Mile West
N56	CADDW0000011609	1/2 - 1 Mile SE
R65	7520	1/2 - 1 Mile WSW
71	CADPR0000003313	1/2 - 1 Mile SE
72	CADWR9000011967	1/2 - 1 Mile SW
73	7523	1/2 - 1 Mile WSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

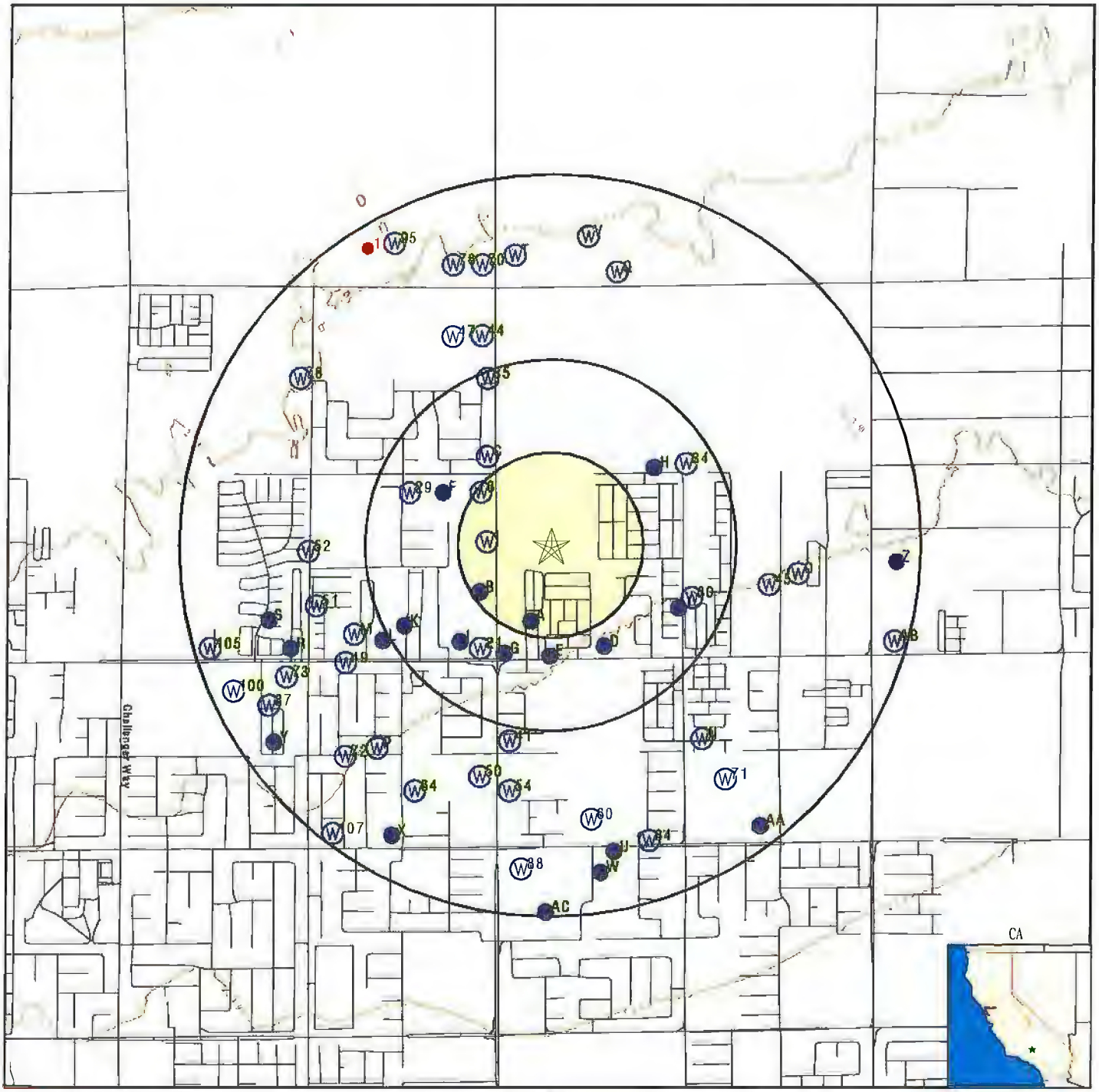
MAP ID	WELL ID	LOCATION FROM TP
S75	CADWR9000012059	1/2 - 1 Mile WSW
76	CADWR9000012244	1/2 - 1 Mile NNW
U79	CADWR9000011933	1/2 - 1 Mile SSE
W85	CADWR9000011926	1/2 - 1 Mile South
X92	CADWR9000011934	1/2 - 1 Mile SSW
Y94	CADDW0000019071	1/2 - 1 Mile SW
AA98	CADWR9000011943	1/2 - 1 Mile SE
Z99	CADDW0000016767	1/2 - 1 Mile East
Z101	CADDW0000012497	1/2 - 1 Mile East
Z102	CADDW0000010887	1/2 - 1 Mile East
AC111	CADWR9000011916	1/2 - 1 Mile South

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG14000005478	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 6645172.2s



- 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:	TTM 062349	CLIENT:	Partner Engineering and Science, Inc.
ADDRESS:	20th Street East and Avenue H-8 Lancaster CA 93535	CONTACT:	Evelyn Perez
LAT/LONG:	34.708738 / 118.092317	INQUIRY #:	6645172.2s
		DATE:	September 01, 2021 1:38 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
1 **West** **1/8 - 1/4 Mile** **Lower**	**FED USGS**	**USGS40000152211**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W12J002S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19480101	Well Depth:	135
Well Depth Units:	ft	Well Hole Depth:	135
Well Hole Depth Units:	ft		

	Database	EDR ID Number
A2 **SSW** **1/8 - 1/4 Mile** **Higher**	**CA WELLS**	**CADDW0000008239**

Well ID:	1900649-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1900649-001&store_num=		
GeoTracker Data:	Not Reported		

	Database	EDR ID Number
A3 **SSW** **1/8 - 1/4 Mile** **Higher**	**CA WELLS**	**CADDW0000009865**

Well ID:	1900649-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1900649-002&store_num=		
GeoTracker Data:	Not Reported		

	Database	EDR ID Number
B4 **SW** **1/8 - 1/4 Mile** **Lower**	**FED USGS**	**USGS40000152162**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W01R002S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported

Construction Date:	19760611	Well Depth:	305
Well Depth Units:	ft	Well Hole Depth:	305
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1986-02-13
Feet below surface:	106	Feet to sea level:	Not Reported
Note:	Not Reported		

A5
SSW
1/8 - 1/4 Mile
Higher

FED USGS **USGS40000152126**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W07N002S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	525
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-11-01
Feet below surface:	151.00	Feet to sea level:	Not Reported
Note:	Not Reported		

6
NW
1/8 - 1/4 Mile
Lower

FED USGS **USGS40000152246**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W12J001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19470101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	125
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	2	Level reading date:	1963-09-19
Feet below surface:	78.90	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1963-09-01	Feet below surface:	79.00
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
B7 **WSW** **1/8 - 1/4 Mile** **Lower**	**CA WELLS**	**CADWR9000012062**

State Well #:	07N12W01R002S	Station ID:	29036
Well Name:	Not Reported	Basin Name:	Antelope Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

	Database	EDR ID Number
C8 **NW** **1/4 - 1/2 Mile** **Lower**	**FED USGS**	**USGS40000152287**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W12H001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

	Database	EDR ID Number
D9 **SSE** **1/4 - 1/2 Mile** **Higher**	**FED USGS**	**USGS40000152101**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W07P002S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

	Database	EDR ID Number
E10 **South** **1/4 - 1/2 Mile** **Higher**	**FED USGS**	**USGS40000152034**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W07N003S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-11-01
Feet below surface:	97.00	Feet to sea level:	Not Reported
Note:	Not Reported		

E11
South
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR9000012013**

State Well #:	07N11W07N003S	Station ID:	9935
Well Name:	Not Reported	Basin Name:	Antelope Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

F12
WNW
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR9000012095**

State Well #:	07N12W12J001S	Station ID:	5912
Well Name:	Not Reported	Basin Name:	Antelope Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

D13
SSE
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR9000012025**

State Well #:	07N11W07P001S	Station ID:	9936
Well Name:	Not Reported	Basin Name:	Antelope Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

C14
NW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000152319**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W12Z003S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported

Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	430
Well Hole Depth Units:	ft		

G15
SSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000152035**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W07N001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19580101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	225
Well Hole Depth Units:	ft		

G16
SSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000152064**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W12N001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19510101	Well Depth:	292
Well Depth Units:	ft	Well Hole Depth:	350
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	2	Level reading date:	1963-09-18
Feet below surface:	82.49	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1963-09-01	Feet below surface:	82.00
Feet to sea level:	Not Reported	Note:	Not Reported

G17
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **7485**

Seq:	7485	Prim sta c:	07N/11W-07N02 S
Frds no:	1900649001	County:	19
District:	49	User id:	19C
System no:	1900649	Water type:	G
Source nam:	WELL 02	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	344216.0	Longitude:	1180537.0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Precision:	3	Status:	AR
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:	1900649	System nam:	Golden Sands Mhp
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		
Sample date:	15-FEB-17	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-SEP-16	Finding:	0.47
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-SEP-16	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-SEP-16	Finding:	0.663
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-SEP-16	Finding:	0.184
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-SEP-16	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-SEP-16	Finding:	0.402
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-FEB-16	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-15	Finding:	120.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	02-FEB-15	Finding:	1300.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-15	Finding:	11.6
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-FEB-15	Finding:	0.4
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	02-FEB-15	Finding:	5.6

Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-FEB-15	Finding:	240.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	02-FEB-15	Finding:	60.
Chemical:	ZINC	Report units:	UG/L
Dlr:	50.		
Sample date:	02-FEB-15	Finding:	60.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	02-FEB-15	Finding:	84.5
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	02-FEB-15	Finding:	6.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	02-FEB-15	Finding:	52.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	02-FEB-15	Finding:	33.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	02-FEB-15	Finding:	1.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-FEB-15	Finding:	1.2
Chemical:	SODIUM ABSORPTION RATIO	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-FEB-15	Finding:	29.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-FEB-15	Finding:	3.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-FEB-15	Finding:	43.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-FEB-15	Finding:	90.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	02-FEB-15	Finding:	80.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	02-FEB-15	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	02-FEB-15	Finding:	393.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	15-DEC-14	Finding:	9.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	25-FEB-14	Finding:	7.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-FEB-13	Finding:	7.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-FEB-12	Finding:	30.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-FEB-12	Finding:	1.1
Chemical:	SODIUM ABSORPTION RATIO	Report units:	Not Reported
Dlr:	0.		
Sample date:	07-FEB-12	Finding:	41.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	07-FEB-12	Finding:	61.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	07-FEB-12	Finding:	446.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	07-FEB-12	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	07-FEB-12	Finding:	80.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	07-FEB-12	Finding:	100.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	07-FEB-12	Finding:	1500.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-FEB-12	Finding:	11.8
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	07-FEB-12	Finding:	80.
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	07-FEB-12	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU

Dlr:	0.1		
Sample date:	07-FEB-12	Finding:	6.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-FEB-12	Finding:	260.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	07-FEB-12	Finding:	80.
Chemical:	CHLOROFORM (THM)	Report units:	UG/L
Dlr:	1.		
Sample date:	07-FEB-12	Finding:	40.
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-FEB-12	Finding:	9.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	07-FEB-12	Finding:	4.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-FEB-12	Finding:	87.2
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	07-FEB-12	Finding:	144.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	07-FEB-12	Finding:	51.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

H18
NE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000152280**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W07F001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

D19
SSE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000152062**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W07P001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	360
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-11-01
Feet below surface:	94.00	Feet to sea level:	Not Reported
Note:	Not Reported		

I20
SW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000152127**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W12Z004S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19180101	Well Depth:	300
Well Depth Units:	ft	Well Hole Depth:	300
Well Hole Depth Units:	ft		

21
SW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000152065**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W12R001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground water levels,Number of Measurements:		28	Level reading date:	2004-03-31
Feet below surface:	134.05		Feet to sea level:	Not Reported
Note:	Not Reported			
Level reading date:	2003-03-25		Feet below surface:	134.60
Feet to sea level:	Not Reported		Note:	Not Reported
Level reading date:	2002-03-25		Feet below surface:	133.57
Feet to sea level:	Not Reported		Note:	Not Reported
Level reading date:	2001-03-14		Feet below surface:	135.21
Feet to sea level:	Not Reported		Note:	Not Reported
Level reading date:	2000-03-22		Feet below surface:	135.43
Feet to sea level:	Not Reported		Note:	Not Reported
Level reading date:	1999-07-21		Feet below surface:	135.50
Feet to sea level:	Not Reported		Note:	Not Reported
Level reading date:	1999-03-29		Feet below surface:	135.04
Feet to sea level:	Not Reported		Note:	Not Reported
Level reading date:	1998-03-17		Feet below surface:	135.42
Feet to sea level:	Not Reported		Note:	Not Reported
Level reading date:	1997-03-04		Feet below surface:	135.57
Feet to sea level:	Not Reported		Note:	Not Reported
Level reading date:	1996-04-19		Feet below surface:	135.39
Feet to sea level:	Not Reported		Note:	Not Reported
Level reading date:	1995-04-19		Feet below surface:	134.98
Feet to sea level:	Not Reported		Note:	Not Reported
Level reading date:	1994-04-13		Feet below surface:	134.39
Feet to sea level:	Not Reported		Note:	Not Reported
Level reading date:	1993-04-21		Feet below surface:	134.08
Feet to sea level:	Not Reported		Note:	Not Reported
Level reading date:	1992-04-14		Feet below surface:	133.44
Feet to sea level:	Not Reported		Note:	Not Reported
Level reading date:	1991-03-19		Feet below surface:	132.78
Feet to sea level:	Not Reported		Note:	Not Reported
Level reading date:	1990-03-13		Feet below surface:	131.07
Feet to sea level:	Not Reported		Note:	Not Reported
Level reading date:	1989-03-22		Feet below surface:	131.50
Feet to sea level:	Not Reported		Note:	Not Reported
Level reading date:	1988-03-31		Feet below surface:	131.00
Feet to sea level:	Not Reported		Note:	Not Reported
Level reading date:	1987-02-24		Feet below surface:	129.84
Feet to sea level:	Not Reported		Note:	Not Reported
Level reading date:	1986-03-19		Feet below surface:	129.52
Feet to sea level:	Not Reported		Note:	Not Reported
Level reading date:	1985-04-04		Feet below surface:	128.36

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1984-03-05	Feet below surface:	127.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1983-04-13	Feet below surface:	126.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-04-15	Feet below surface:	124.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-03-13	Feet below surface:	122.84
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1979-02-13	Feet below surface:	121.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-09-20	Feet below surface:	142.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963-09-25	Feet below surface:	94.90
Feet to sea level:	Not Reported	Note:	Not Reported

F22
WNW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000152247**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W12J003S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	2	Level reading date:	1963-09-20
Feet below surface:	85.14	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1963-09-01	Feet below surface:	85.00
Feet to sea level:	Not Reported	Note:	Not Reported

I23
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR9000012026**

State Well #:	07N12W12N001S	Station ID:	27870
Well Name:	Not Reported	Basin Name:	Antelope Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

J24
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR9000012058**

State Well #:	07N11W07Q001S	Station ID:	9937
Well Name:	Not Reported	Basin Name:	Antelope Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

H25
NE
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR9000012123**

State Well #:	07N11W07F002S	Station ID:	9933
Well Name:	Not Reported	Basin Name:	Antelope Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

J26
ESE
1/4 - 1/2 Mile
Higher

CA WELLS 7486

Seq:	7486	Prim sta c:	07N/11W-07Q02 S
Frds no:	1900693001	County:	19
District:	49	User id:	19C
System no:	1900693	Water type:	G
Source nam:	WELL 02	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	344223.0	Longitude:	1180507.0
Precision:	3	Status:	AR
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:	1900693	System nam:	Desert Palms Trailer Park
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		
Sample date:	27-DEC-17	Finding:	2.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-JUN-17	Finding:	270.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	27-SEP-16	Finding:	100.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	27-SEP-16	Finding:	72.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-SEP-16	Finding:	12.3
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-SEP-16	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-AUG-16	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	23-DEC-15	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-NOV-14	Finding:	56.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	05-NOV-14	Finding:	78.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-NOV-14	Finding:	0.12
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-NOV-14	Finding:	130.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	05-NOV-14	Finding:	1200.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	05-NOV-14	Finding:	24.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	05-NOV-14	Finding:	890.
Chemical:	ALUMINUM	Report units:	UG/L
Dlr:	50.		
Sample date:	05-NOV-14	Finding:	380.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-NOV-14	Finding:	9.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-NOV-14	Finding:	2.9
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	05-NOV-14	Finding:	3.86
Chemical:	GROSS ALPHA	Report units:	PCI/L

Dlr:	3.		
Sample date:	05-NOV-14	Finding:	0.311
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	05-NOV-14	Finding:	1.16
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	05-NOV-14	Finding:	1.4
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-NOV-14	Finding:	33.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-NOV-14	Finding:	5.9
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-NOV-14	Finding:	67.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-NOV-14	Finding:	190.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-NOV-14	Finding:	110.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	05-NOV-14	Finding:	93.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-NOV-14	Finding:	7.63
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-NOV-14	Finding:	1.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	05-NOV-14	Finding:	555.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

I27
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR9000012027**

State Well #:	07N12W12R001S	Station ID:	27872
Well Name:	Not Reported	Basin Name:	Antelope Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J28
ESE
1/4 - 1/2 Mile
Higher | **CA WELLS** | **CADDW0000004138**

Well ID:	1900693-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1900693-002&store_num=		
GeoTracker Data:	Not Reported		

29
WNW
1/4 - 1/2 Mile
Lower | **CA WELLS** | **CADWR9000012096**

State Well #:	07N12W12J003S	Station ID:	5913
Well Name:	Not Reported	Basin Name:	Antelope Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

30
ESE
1/4 - 1/2 Mile
Higher | **CA WELLS** | **CADDW0000010536**

Well ID:	1900693-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1900693-001&store_num=		
GeoTracker Data:	Not Reported		

J31
ESE
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000152139**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W07Q001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-11-01
Feet below surface:	167.00	Feet to sea level:	Not Reported

Note: Not Reported

K32
WSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000152131**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W12R002S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19540101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	360
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	2	Level reading date:	1963-09-25
Feet below surface:	147.35	Feet to sea level:	Not Reported
Note:	The site had been pumped recently.		
Level reading date:	1963-09-01	Feet below surface:	147.00
Feet to sea level:	Not Reported	Note:	Not Reported

K33
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CADDW0000015844**

Well ID:	1900806-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1900806-001&store_num=		
GeoTracker Data:	Not Reported		

34
ENE
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000152286**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W07F002S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	254
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-11-01

Feet below surface:	94.00	Feet to sea level:	Not Reported
Note:	Not Reported		

35
NNW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000152357**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W12A002S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	380
Well Hole Depth Units:	ft		

K36
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR9000012053**

State Well #:	07N12W12R002S	Station ID:	5916
Well Name:	Not Reported	Basin Name:	Antelope Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

K37
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **7522**

Seq:	7522	Prim sta c:	07N/12W-12Q02 S
Frds no:	1900806001	County:	19
District:	49	User id:	19C
System no:	1900806	Water type:	G
Source nam:	WELL 02	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	344218.0	Longitude:	1180555.0
Precision:	3	Status:	AR
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:	1900806	System nam:	Blue Skies Mhp
Hqname:	Not Reported	Address:	1717 E. AVE I
City:	LANCASTER	State:	CA
Zip:	93534	Zip ext:	Not Reported
Pop serv:	200	Connection:	68
Area serve:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L38
WSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000152102**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W12Q004S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	385
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	3	Level reading date:	1963-09-24
Feet below surface:	140	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1963-09-01	Feet below surface:	140.00
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1956-03-14	Feet below surface:	104.7
Feet to sea level:	Not Reported		
Note:	Other conditions existed that would affect the measured water level.		

L39
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000152066**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W12Q005S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	17
Well Hole Depth Units:	ft		

L40
WSW
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000016214**

Well ID:	1900721-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1900721-001&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
41 **SSW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000151940**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W18Z001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19050101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	335
Well Hole Depth Units:	ft		

L42 **WSW** **1/2 - 1 Mile** **Higher**		**CA WELLS**	**CADWR9000012042**
State Well #:	07N12W12Q004S	Station ID:	39920
Well Name:	Not Reported	Basin Name:	Antelope Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

M43 **WSW** **1/2 - 1 Mile** **Higher**		**FED USGS**	**USGS40000152112**
Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W12Q003S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19570101	Well Depth:	325
Well Depth Units:	ft	Well Hole Depth:	325
Well Hole Depth Units:	ft		

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44 **NNW** **1/2 - 1 Mile** **Lower**		**FED USGS**	**USGS40000152413**
Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W12A001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	2	Level reading date:	1963-09-19
Feet below surface:	89.15	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1963-09-01	Feet below surface:	89.00
Feet to sea level:	Not Reported	Note:	Not Reported

45
East
1/2 - 1 Mile
Higher

CA WELLS **CADWR9000012064**

State Well #:	07N11W06R001S	Station ID:	29795
Well Name:	Not Reported	Basin Name:	Antelope Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

M46
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000152113**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W12Q002S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	310
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	2	Level reading date:	1963-09-24
Feet below surface:	153.25	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1963-09-01	Feet below surface:	153.00
Feet to sea level:	Not Reported	Note:	Not Reported

47
NNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000012182**

State Well #:	07N12W12A001S	Station ID:	29166
Well Name:	Not Reported	Basin Name:	Antelope Valley
Well Use:	Unknown	Well Type:	Unknown

Well Depth: 0 Well Completion Rpt #: Not Reported

N48
SE
1/2 - 1 Mile
Higher

CA WELLS 7497

Seq:	7497	Prim sta c:	07N/11W-18B01 S
Frds no:	1900843001	County:	19
District:	49	User id:	19C
System no:	1900843	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	344206.0	Longitude:	1180504.0
Precision:	3	Status:	AR
Comment 1:	SOUTH CENTRAL BOUNDRY OF PARK 2550 EAST AVENUE I LANCASTER		
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:	1900843	System nam:	Californian Mobile Home Park
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		
Sample date:	16-AUG-17	Finding:	11.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	21-JUN-17	Finding:	11.5
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	22-MAR-17	Finding:	11.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	28-NOV-16	Finding:	10.6
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	10-AUG-16	Finding:	10.6
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	18-MAY-16	Finding:	11.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	18-MAY-16	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-FEB-16	Finding:	9.5
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	18-NOV-15	Finding:	10.6
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L

Dlr:	1.		
Sample date:	19-AUG-15	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	20-MAY-15	Finding:	11.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	02-DEC-14	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	27-MAY-14	Finding:	250.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-MAY-14	Finding:	6.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-MAY-14	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	27-MAY-14	Finding:	1500.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-MAY-14	Finding:	0.17
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	27-MAY-14	Finding:	51.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	27-MAY-14	Finding:	26.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	27-MAY-14	Finding:	26.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-MAY-14	Finding:	2.7
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-MAY-14	Finding:	45.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-MAY-14	Finding:	120.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-MAY-14	Finding:	100.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	27-MAY-14	Finding:	82.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-MAY-14	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-MAY-14	Finding:	370.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

49
WSW
1/2 - 1 Mile
Lower

CA WELLS **7521**

Seq:	7521	Prim sta c:	07N/12W-12Q01 S
Frds no:	1900721001	County:	19
District:	49	User id:	19C
System no:	1900721	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	344215.0	Longitude:	1180604.0
Precision:	3	Status:	AR
Comment 1:	LANCASTER 50YDS EAST OF PARK ENTRANCE 15		
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:	1900721	System nam:	Locust Grove Mobile Home Park
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		
Sample date:	04-OCT-17	Finding:	15.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	26-JUL-17	Finding:	1.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JUL-17	Finding:	13.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	05-APR-17	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	03-JAN-17	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-OCT-16	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	27-SEP-16	Finding:	12.2

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Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-SEP-16	Finding:	100.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-SEP-16	Finding:	8.05
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-SEP-16	Finding:	53.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-AUG-16	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JUL-16	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	12-JAN-16	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	13-AUG-15	Finding:	0.12
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	13-AUG-15	Finding:	4.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	13-AUG-15	Finding:	120.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	13-AUG-15	Finding:	11.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	13-AUG-15	Finding:	2.2
Chemical:	TOLUENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-AUG-15	Finding:	280.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-AUG-15	Finding:	0.82
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	13-AUG-15	Finding:	0.11
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-AUG-15	Finding:	1.52
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	13-AUG-15	Finding:	44.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	13-AUG-15	Finding:	34.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	13-AUG-15	Finding:	28.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	13-AUG-15	Finding:	3.5
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	13-AUG-15	Finding:	49.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	13-AUG-15	Finding:	140.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	13-AUG-15	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-AUG-15	Finding:	110.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	13-AUG-15	Finding:	91.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	13-AUG-15	Finding:	7.66
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	13-AUG-15	Finding:	410.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	13-AUG-15	Finding:	1.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	13-AUG-15	Finding:	0.374
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-AUG-15	Finding:	0.357
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-AUG-15	Finding:	130.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	20-JUL-15	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L

Dlr:	1.		
Sample date:	02-DEC-14	Finding:	13.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

50
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000151897**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W13A001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	2
Well Hole Depth Units:	ft		

51
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000152148**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W12P004S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19500101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	200
Well Hole Depth Units:	ft		

52
West
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000008632**

Well ID:	1900789-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1900789-001&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
O53 **East** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000152188**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W07J001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19540101	Well Depth:	595
Well Depth Units:	ft	Well Hole Depth:	595
Well Hole Depth Units:	ft		

	Database	EDR ID Number
54 **South** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000151881**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W18E002S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	200
Well Hole Depth Units:	ft		

	Database	EDR ID Number
O55 **East** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000152166**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W06R001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19821029	Well Depth:	260
Well Depth Units:	ft	Well Hole Depth:	260
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1986-02-13
Feet below surface:	127	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N56
SE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000011609**

Well ID:	1900843-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1900843-001&store_num=		
GeoTracker Data:	Not Reported		

P57
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000151941**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W13Z002S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19050101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	580
Well Hole Depth Units:	ft		

Q58
NNE
1/2 - 1 Mile
Lower

FED USGS **USGS40000152484**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W06P001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19200101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	250
Well Hole Depth Units:	ft		

P59
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000151919**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W13B001S	Type:	Well

Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	300
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	2	Level reading date:	1963-09-26
Feet below surface:	154.60	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1963-09-01	Feet below surface:	155.00
Feet to sea level:	Not Reported	Note:	Not Reported

60
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000151857**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W18E001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19510101	Well Depth:	427
Well Depth Units:	ft	Well Hole Depth:	427
Well Hole Depth Units:	ft		

R61
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000152068**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W12P002S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19110101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	400
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

R62
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000152067**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W12P001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19630101	Well Depth:	243
Well Depth Units:	ft	Well Hole Depth:	443
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	2	Level reading date:	1963-09-24
Feet below surface:	136.7	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1963-09-01	Feet below surface:	137.00
Feet to sea level:	Not Reported	Note:	Not Reported

S63
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000152140**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W12P003S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	6	Level reading date:	1969-01-13
Feet below surface:	154.95	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1963-09-24	Feet below surface:	137.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963-09-01	Feet below surface:	138.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1956	Feet below surface:	119.0
Feet to sea level:	Not Reported		
Note:	Other conditions existed that would affect the measured water level.		
Level reading date:	1955	Feet below surface:	132.0
Feet to sea level:	Not Reported		

Note:	Other conditions existed that would affect the measured water level.		
Level reading date:	1954	Feet below surface:	123.0
Feet to sea level:	Not Reported		
Note:	Other conditions existed that would affect the measured water level.		

64
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000151882**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W13H001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

R65
WSW
1/2 - 1 Mile
Lower

CA WELLS **7520**

Seq:	7520	Prim sta c:	07N/12W-12P01 S
Frds no:	1900789001	County:	19
District:	49	User id:	19C
System no:	1900789	Water type:	G
Source nam:	WELL 02	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	344217.0	Longitude:	1180614.0
Precision:	3	Status:	AR
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:	1900789	System nam:	Crestview Mhp
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

T66
North
1/2 - 1 Mile
Lower

FED USGS **USGS40000152545**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W06Z004S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported

Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	480
Well Hole Depth Units:	ft		

T67
North
1/2 - 1 Mile
Lower

FED USGS **USGS40000152546**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W06Z005S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	480
Well Hole Depth Units:	ft		

T68
North
1/2 - 1 Mile
Lower

FED USGS **USGS40000152560**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W06N003S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

T69
North
1/2 - 1 Mile
Lower

FED USGS **USGS40000152561**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W06N004S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19050101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	430
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

70
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000152547**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W01R001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19550101	Well Depth:	200
Well Depth Units:	ft	Well Hole Depth:	200
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1955-01-25
Feet below surface:	70	Feet to sea level:	Not Reported
Note:	Other conditions existed that would affect the measured water level.		

71
SE
1/2 - 1 Mile
Higher

CA WELLS **CADPR0000003313**

Well ID:	80585	Well Type:	UNK
Source:	Department of Pesticide Regulation		
Other Name:	80585	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DPR&samp_date=&global_id=&assigned_name=80585&store_num=		
GeoTracker Data:	Not Reported		

72
SW
1/2 - 1 Mile
Higher

CA WELLS **CADWR9000011967**

State Well #:	07N12W13B001S	Station ID:	27873
Well Name:	Not Reported	Basin Name:	Antelope Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

73
WSW
1/2 - 1 Mile
Lower

CA WELLS **7523**

Seq:	7523	Prim sta c:	07N/12W-13C01 S
Frds no:	1900817001	County:	19
District:	49	User id:	19C
System no:	1900817	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	344213.0	Longitude:	1180614.0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Precision:	3	Status:	AR
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:	1900817	System nam:	Clear Sky Mobile Home Park
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		
Sample date:	30-OCT-17	Finding:	290.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	30-OCT-17	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	30-OCT-17	Finding:	76.
Chemical:	ZINC	Report units:	UG/L
Dlr:	50.		
Sample date:	30-OCT-17	Finding:	12.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	30-OCT-17	Finding:	93.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	30-OCT-17	Finding:	0.12
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	30-OCT-17	Finding:	49.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	30-OCT-17	Finding:	41.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	30-OCT-17	Finding:	1.1
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	30-OCT-17	Finding:	25.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	30-OCT-17	Finding:	6.4
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	30-OCT-17	Finding:	50.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	30-OCT-17	Finding:	150.

Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	30-OCT-17	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	30-OCT-17	Finding:	120.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	30-OCT-17	Finding:	100.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	30-OCT-17	Finding:	7.94
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	30-OCT-17	Finding:	441.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	30-OCT-17	Finding:	1.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	30-OCT-17	Finding:	6.1
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		
Sample date:	16-OCT-17	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	12-JUL-17	Finding:	13.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	05-APR-17	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	03-JAN-17	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-DEC-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-OCT-16	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	27-SEP-16	Finding:	55.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-SEP-16	Finding:	120.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	27-SEP-16	Finding:	8.04
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-SEP-16	Finding:	12.2
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	12-JUL-16	Finding:	10.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	10-MAY-16	Finding:	13.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	12-JAN-16	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	23-DEC-15	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-JUL-15	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	30-DEC-14	Finding:	290.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	30-DEC-14	Finding:	13.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	30-DEC-14	Finding:	110.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	30-DEC-14	Finding:	47.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	30-DEC-14	Finding:	37.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	30-DEC-14	Finding:	29.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	30-DEC-14	Finding:	7.7
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	30-DEC-14	Finding:	56.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	30-DEC-14	Finding:	170.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L

Dlr:	0.		
Sample date:	30-DEC-14	Finding:	130.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	30-DEC-14	Finding:	110.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	30-DEC-14	Finding:	7.96
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	30-DEC-14	Finding:	438.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	30-DEC-14	Finding:	1.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	30-DEC-14	Finding:	0.32
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	30-DEC-14	Finding:	0.749
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	30-DEC-14	Finding:	5.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-DEC-14	Finding:	0.15
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	30-DEC-14	Finding:	3.86
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	30-DEC-14	Finding:	0.33
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	30-DEC-14	Finding:	1.16
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	30-DEC-14	Finding:	1.1
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-MAR-14	Finding:	5.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-MAR-13	Finding:	5.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	21-MAR-12	Finding:	5.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Q74
NNE
1/2 - 1 Mile
Lower

FED USGS **USGS40000152559**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W06P002S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

S75
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000012059**

State Well #:	07N12W12P003S	Station ID:	27871
Well Name:	Not Reported	Basin Name:	Antelope Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

76
NNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000012244**

State Well #:	07N12W01R001S	Station ID:	5210
Well Name:	Not Reported	Basin Name:	Antelope Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

S77
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000152114**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W12Q001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported

Well Depth Units:	Not Reported	Well Hole Depth:	300
Well Hole Depth Units:	ft		

78
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000152358**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W12C001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	4
Well Hole Depth Units:	ft		

U79
SSE
1/2 - 1 Mile
Higher

CA WELLS **CADWR9000011933**

State Well #:	07N11W18F001S	Station ID:	28500
Well Name:	Not Reported	Basin Name:	Antelope Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

T80
North
1/2 - 1 Mile
Lower

FED USGS **USGS40000152576**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W06N001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

T81
North
1/2 - 1 Mile
Lower

FED USGS **USGS40000152577**

Organization ID:	USGS-CA
Organization Name:	USGS California Water Science Center

Monitor Location:	007N011W06N002S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19030101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	500
Well Hole Depth Units:	ft		

V82
North
1/2 - 1 Mile
Lower

FED USGS **USGS40000152584**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W06Z006S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19050101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	441
Well Hole Depth Units:	ft		

V83
North
1/2 - 1 Mile
Lower

FED USGS **USGS40000152585**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W06Z007S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19050101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	530
Well Hole Depth Units:	ft		

84
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS40000151818**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W18F001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		

Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-12-01
Feet below surface:	169.00	Feet to sea level:	Not Reported
Note:	Not Reported		

W85
South
1/2 - 1 Mile
Higher

CA WELLS **CADWR9000011926**

State Well #:	07N11W18L002S	Station ID:	28501
Well Name:	Not Reported	Basin Name:	Antelope Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

U86
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000150992**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W18L002S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19780612	Well Depth:	350
Well Depth Units:	ft	Well Hole Depth:	350
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1986-02-13
Feet below surface:	143	Feet to sea level:	Not Reported
Note:	Not Reported		

87
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000151974**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W13Z001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19040101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	365
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

88
South
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000151794**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W18M002S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	46
Well Hole Depth Units:	ft		

X89
SSW
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000151834**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W13G001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

X90
SSW
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000151849**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W13G002S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database	EDR ID Number
FED USGS	USGS40000151819

X91
SSW
1/2 - 1 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W13H002S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19490101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	218
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	45	Level reading date:	1990-07-13
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The well was destroyed (no water level is recorded).		

Level reading date:	1989-03-22	Feet below surface:	161.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1988-03-31	Feet below surface:	166.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1987-11-03	Feet below surface:	160.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1987-02-24	Feet below surface:	159.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1986-10-22	Feet below surface:	160.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1986-03-19	Feet below surface:	159.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1985-10-30	Feet below surface:	159.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1985-03-28	Feet below surface:	157.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1984-10-30	Feet below surface:	158.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1984-03-05	Feet below surface:	157.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1983-10-26	Feet below surface:	156.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1983-04-12	Feet below surface:	155.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-10-06	Feet below surface:	155.24
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1982-02-10	Feet below surface:	152.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-11-18	Feet below surface:	152.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-04-23	Feet below surface:	153.13
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1980-10-14	Feet below surface:	147.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-03-13	Feet below surface:	143.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-10-23	Feet below surface:	143.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-02-13	Feet below surface:	141.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-10-18	Feet below surface:	141.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-03-30	Feet below surface:	138.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-10-13	Feet below surface:	139.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-03-08	Feet below surface:	137.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-11-02	Feet below surface:	137.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-03-09	Feet below surface:	135.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-10-16	Feet below surface:	135.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-02-11	Feet below surface:	133.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-10-21	Feet below surface:	132.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-02-15	Feet below surface:	130.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-10-03	Feet below surface:	131.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-02-14	Feet below surface:	129.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-10-11	Feet below surface:	129.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-03-14	Feet below surface:	127.71
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1971-10-28	Feet below surface:	127.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-03-18	Feet below surface:	125.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-10-23	Feet below surface.	124.93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-03-17	Feet below surface:	123.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-04-15	Feet below surface:	122.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-03-13	Feet below surface:	120.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1967-11-03	Feet below surface:	120.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1967-03-20	Feet below surface:	118.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963-09-25	Feet below surface:	113.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963-09-01	Feet below surface:	114.00
Feet to sea level:	Not Reported	Note:	Not Reported

X92
SSW
1/2 - 1 Mile
Higher

CA WELLS **CADWR9000011934**

State Well #:	07N12W13H002S	Station ID:	5918
Well Name:	Not Reported	Basin Name:	Antelope Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

Y93
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000151942**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W13C001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	375
Well Depth Units:	ft	Well Hole Depth:	375
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Y94
SW
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000019071**

Well ID:	1900817-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1900817-001&store_num=		
GeoTracker Data:	Not Reported		

95
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000152578**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W01Q001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19550101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	1555
Well Hole Depth Units:	ft		

Z96
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000152187**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W08M002S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-11-01
Feet below surface:	170.00	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

W97
South
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000151782**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W18L001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19510101	Well Depth:	493
Well Depth Units:	ft	Well Hole Depth:	493
Well Hole Depth Units:	ft		

AA98
SE
1/2 - 1 Mile
Higher | **CA WELLS** | **CADWR9000011943**

State Well #:	07N11W18G001S	Station ID:	7283
Well Name:	Not Reported	Basin Name:	Antelope Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

Z99
East
1/2 - 1 Mile
Higher | **CA WELLS** | **CADDW0000016767**

Well ID:	1910023-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910023-002&store_num=		
GeoTracker Data:	Not Reported		

100
WSW
1/2 - 1 Mile
Lower | **FED USGS** | **USGS40000151983**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W13Z003S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported

Well Hole Depth Units: Not Reported

Z101
East
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000012497**

Well ID:	1910023-006	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 05	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910023-006&store_num=		
GeoTracker Data:	Not Reported		

Z102
East
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000010887**

Well ID:	1910023-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910023-001&store_num=		
GeoTracker Data:	Not Reported		

AB103
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40000152125**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W08N001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19540101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	588
Well Hole Depth Units:	ft		

Z104
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000152186**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W08M001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported

Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19620101	Well Depth:	600
Well Depth Units:	ft	Well Hole Depth:	605
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-11-01
Feet below surface:	186.00	Feet to sea level:	Not Reported
Note:	Not Reported		

105
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000152063**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W12N002S	Type:	Well
Description:	LONGITUDE MISCALCULATED FROM ORIGINAL PLOT..		
HUC:	18090206	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19510101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	475
Well Hole Depth Units:	ft		

AA106
SE
1/2 - 1 Mile
Higher

FED USGS **USGS40000151848**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W18G001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19490101	Well Depth:	508
Well Depth Units:	ft	Well Hole Depth:	508
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-12-01
Feet below surface:	181.00	Feet to sea level:	Not Reported
Note:	Not Reported		

107
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000151835**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N012W13G003S	Type:	Well

Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

AB108
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40000152060**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W08Z002S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19030101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	370
Well Hole Depth Units:	ft		

AB109
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40000152061**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W08Z003S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19030101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	260
Well Hole Depth Units:	ft		

AC110
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000151752**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007N011W18M001S	Type:	Well
Description:	Not Reported	HUC:	18090206
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported

Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	141
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-12-01
Feet below surface:	134.00	Feet to sea level:	Not Reported
Note:	Not Reported		

AC111
South
1/2 - 1 Mile
Higher

CA WELLS **CADWR9000011916**

State Well #:	07N11W18M001S	Station ID:	7284
Well Name:	Not Reported	Basin Name:	Antelope Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database | EDR ID Number

1
NNW
1/2 - 1 Mile

OIL_GAS **CAOG14000005478**

API #:	0403705780	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Comer	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
93535	21	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.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

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.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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

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

OTHER

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

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

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

STREET AND ADDRESS INFORMATION

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APPENDIX D: QUALIFICATIONS

PARTNER

Education

University of Massachusetts Boston 2014
Bachelor of Arts (B.A.), Environmental Science

Training

OSHA 40 Hour HAZWOPER

Highlights

6.5 years in the environmental industry
4.5 years performing Phase I Environmental Site Assessments
Two years performing Property Condition Assessments

Experience Summary

Mr. Grondin is a Staff Assessor at Partner Engineering and Science, Inc. with over four years of experience in the Environmental Due Diligence field. He has experience performing thorough site inspections of properties including gas stations, auto repair stations, historical dry cleaners, commercial and industrial properties and apartment complexes.

From November 2014 to June 2016, Mr. Grondin worked as an Environmental Specialist providing RCRA hazardous waste management services to various clients in Boston and New York City. He served as the lead onsite support specialist for New York Methodist Hospital and Stonybrook University and was responsible for maintaining all hazardous waste accumulation areas to ensure safety and compliance with applicable state and federal regulations.

In July 2016, Mr. Grondin began working on Phase I Environmental Site Assessments and has worked on over 150 assessments in ten states nationwide. His primary responsibilities have included coordinating site inspections, conducting local, state, and federal research, building site figures using Turbo Cad, collecting soil, groundwater, radon, and sub slab soil vapor samples, and preparing technical reports. He also has two years of experience completing Property Conditions Assessments for industrial, residential, hospitality, and commercial properties in Southern California.

Project Experience

Site Mitigation Plan/Dust Control Plan Oversight, San Francisco, CA. Served as the lead environmental consultant on a mixed-use commercial/residential redevelopment project in the Potrero neighborhood of San Francisco. His responsibilities included air monitoring, implementing dust control procedures, maintaining daily site logs, logging shipping manifests and ensuring the subcontractors abided by health and safety procedures laid out in the Site Mitigation Plan.

Sub Slab Soil Vapor Sampling, Culver City, CA. Organized and oversaw the drilling and sampling of sub-slab soil vapor probes at a commercial property in Culver City.

Symetra Portfolio, Los Angeles, *CA.* Phase I ESA of three retail strip buildings with automobile repair operations, multiple above and in-ground hydraulic lifts, clarifiers, and indoor hazardous substance storage.

Multi-Family Residential, Los Angeles, CA. Completed a debt level PCA Report for multi-family residential complex containing 32 residential units and associated carports

Creative Office Under Construction, Culver City, CA. Completed a debt level PCA Report for a four-story, 66,000-square foot office building with three level, sub-grade, automated parking structure.

DoubleTree Hotel by Hilton Hotel Anaheim, CA. Co-authored an equity level PCA Report for a 461-room hotel with 21,000-square foot conference center, 8,000-sqaure foot ballroom, fitness center, outdoor swimming pool and spa, and an onsite restaurant, café, and sports bar.

Speaking

Environmental Scientist, Triumvirate Environmental Inc, *Stonybrook University.* Mr. Grondin gave a 45-minute lecture to senior-level undergraduate students regarding hazardous waste characterization, the regulatory framework of the hazardous waste industry, and the hazardous waste determination process.

Contact

ngrondin@partneresi.com

PARTNER

Joel Redding
Senior Project Manager

Education
B.A. Geography, California State University Fresno

Training
OSHA 24-Hour Health and Safety Training

Highlights
16 years of experience in environmental consulting
Phase I Environmental Site Assessments (ESAs)
Environmental Transaction Screens
Desktop Reviews

Experience Summary
Mr. Redding serves as a Senior Project Manager for Partner Engineering and Science, Inc. (Partner), overseeing and managing all aspects of multi-scope projects including Phase I ESAs in accordance with EPA's All Appropriate Inquiry (AAI), Property Condition Assessments (PCAs), Zoning Reports, and Seismic Assessments.

Mr. Redding has over sixteen years of project experience in the environmental consulting industry. Mr. Redding is familiar with all aspects of Due Diligence Property Assessments and the needs and requirements of a varied number of reporting standards, including ASTM E1527-13, EPA's All Appropriate Inquiry (AAI), The U.S. Small Business Administration (SBA), and customized client formats and scopes. Mr. Redding has performed and supervised over 1,000 ESAs and customized environmental assessments of a variety of properties including multi-family residential, hospitality, commercial office buildings, shopping centers, multi-tenant commercial complexes, industrial warehouses, manufacturing facilities, dry cleaning plants, gasoline service stations, automotive repair and body shops, medical facilities, food processing facilities, and agricultural properties.

Project Experience
Junior College Campus and Historical Military and Medical Hospital, Modesto, CA. Mr. Redding prepared a Phase I ESA on a junior college campus in Modesto, the site of a historical World War II era military hospital and subsequent State-run hospital. Multiple recognized environmental conditions (RECs) were identified related to current and historical uses including vehicle and facilities maintenance, underground and aboveground fueling facilities, domestic wastewater treatment systems and septic systems, and asbestos and lead-based paint issues.

2,500-Acre Agricultural Property, Maricopa, CA. Mr. Redding prepared a Phase I ESA on a large agricultural property within an active oil and gas production area. Multiple RECs were identified related to oil and gas well development, oil and gas production, subsurface oil and gas pipelines, aboveground fuel storage, and agricultural chemical use, storage, and application.

Printed Circuit Board Manufacturing Facility, Redwood City, CA. Mr. Redding prepared a Phase I ESA on a printed circuit board manufacturing facility. Multiple RECs were identified related to electroplating, etching, silk screening, chemical storage, and hazardous waste generation, storage, and treatment operations.

10-Site Residential Portfolio, Central CA. Managed a multi-million dollar acquisition project consisting of Phase ESAs of ten, large-acreage, rural agricultural properties throughout Central California for a residential developer. Duties included managing, performing, and reviewing Phase I ESAs.

25-Site Grocery Chain Portfolio, OR and CA. Managed a multi-million dollar rehabilitation financing project consisting of Phase I ESAs of 25 grocery store properties throughout the State of Oregon and Northern California. Duties included managing, performing, and reviewing Phase I ESAs.

50-Site Mobile Home Park Portfolio, MI, OH, IN, and AL. Managed a multi-million dollar acquisition project consisting of 50 mobile home parks in Michigan, Ohio, Indiana, and Alabama. Duties included managing and reviewing Phase I ESAs.

Contact

jredding@partneresi.com

PARTNER

Cody Taylor
National Client Manager

Education

BA, Environmental Analysis and Criminal Justice, University of California Irvine, Irvine, CA

Trainings

ASTM Technical and Professional Training
Hazardous Materials Management Certificate Courses, University of California Irvine

Highlights

25+ years of experience in Real Estate Due Diligence/Consulting and Site Development Engineering
Prepared over 10,000 Phase I Environmental Site Assessments
Managed over 30,000 Phase I Environmental Site Assessments
Managed over 1,000 Phase II Subsurface Soil/Groundwater and Soil Gas Investigations, Asbestos, Lead, and Radon Screenings
Managed Class-A Equity Property Condition Assessments with Specialized Inspections, Seismic Evaluations, ALTA Surveys, Zoning, ADA Surveys and Pest Inspections
Managed Several Civil Engineering/Geotechnical Investigations of Commercial Development Projects, Construction Doc and Cost Reviews, Construction Progress Monitoring, and Energy Benchmarking

Experience Summary

Mr. Taylor is a Principal and National Client Manager with extensive experience in commercial real estate due diligence and site development engineering throughout the United States. His responsibilities include full-phase site development and environmental consulting, national client management, multi-scope contract negotiation/execution, portfolio project management, and technical report quality control. Mr. Taylor's regional and national expertise compliments the wide variety of Partner projects and client types including national and local lending institutions, asset management/investment groups, commercial/retail developers, and commercial real estate professionals.

Mr. Taylor has 25 years of experience in national commercial real estate due diligence consulting including Phase I Environmental Site Assessments, Phase II Subsurface Soil/Soil Gas Investigations, Property Condition Assessments, Seismic Evaluations, Asbestos, Lead-Paint, and Radon Surveys, ALTA Surveys, Geotechnical Investigations, Civil Engineering, MEP Special Inspections, Energy Evaluations, and Construction Monitoring.

Mr. Taylor has assessed/managed over 30,000 commercial real estate transactions throughout his professional career including several multi-million dollar asset portfolios consisting of a 29-site commercial office property acquisition, two 1,200-site cellular tower transactions, a 215-site regional shopping center vacancy evaluation, a 25-site regional grocery-store chain environmental/survey evaluation, a 16-site multi-family apartment building acquisition, a 10-site residential development acquisition, and 5-site Class A multi-specialized-scope building acquisition inspection. These transactions have included some or all of Partner's core engineering due diligence services described above. Mr. Taylor routinely manages national asset/developer clients to evaluate the environmental and structural risks associated with commercial/industrial properties prior to acquisition. These risks may be associated with past hazardous materials use (i.e., gasoline stations, dry cleaners) which require historical research combined with subsurface evaluations to assess for contamination that could devaluate the property or create a human health concern to occupants or construction workers; evaluate for asbestos, lead-based paint, and radon to

determine the need for abatement or venting systems; evaluate the structural integrity of the building and assess for seismic retrofit; evaluate the roof, mechanical, electrical, plumbing systems (i.e., elevators, HVAC systems, sewer); evaluate for American Disabilities Act (ADA) deficiencies (i.e., ramps, railings, access); survey the property boundaries (i.e., ALTA Surveys); evaluate the subsurface conditions for construction suitability (i.e., Geotechnical Investigations); Civil Engineering/Design, and energy studies of the site building to meet with current requirements and systems efficiencies.

Project Experience

National Quick-Serve Restaurant Chains. Multiple National Quick-Serve Restaurant (QSR) Chain development projects which include Phase I Environmental Site Assessments, Asbestos Surveys, Geotechnical Investigations, ALTA Surveys, Plat Map Survey, and Special Inspections. Mr. Taylor manages the projects with attention to client needs/timelines and fieldwork/production in order to advocate the commercial development projects and maintain report efficiencies and construction budgets. These projects require multiple scope management and coordination with clients, technical staff, subcontractors, regulatory agencies, and construction design/contractor entities. Mr. Taylor's due diligence engineering experience as well as Partner's responsiveness and expertise in national commercial real estate development engineering create successful developments and client satisfaction on an ongoing basis.

National Dental Office Chain. Multiple ground-up dental office development projects which include Phase I Environmental Site Assessments, Geotechnical Investigations, and ALTA Surveys. Mr. Taylor manages the projects with attention to client needs/timelines and fieldwork/production in order to advocate the commercial development projects and maintain report efficiencies and construction budgets. These projects require multiple scope management and coordination with clients, technical staff, subcontractors, regulatory agencies, and construction design/contractor entities. Mr. Taylor's due diligence engineering experience as well as Partner's responsiveness and expertise in national commercial real estate development engineering create successful developments and client satisfaction on an ongoing basis.

Regional Gas Station/Convenience Store Chain. Multiple ground-up gas station/convenience store redevelopment projects in California which include Phase I Environmental Site Assessments, Phase II Subsurface Investigations/Characterization, Remedial Cost Estimates with Voluntary Cleanup Regulatory Programs, Asbestos Surveys, and Geotechnical Investigations. Mr. Taylor manages the projects with attention to client/agency interaction and fieldwork/production in order to advocate the commercial development projects and maintain report efficiencies and construction budgets. These projects require multiple scope management and coordination with clients, technical staff, subcontractors, regulatory agencies, and construction design/contractor entities. Mr. Taylor's due diligence engineering experience as well as Partner's responsiveness and expertise with commercial real estate development engineering create successful developments and client satisfaction on an ongoing basis.

Beverly Hills Country Club Renovation, Beverly Hills, CA. A $12 million-dollar renovation project which included a Phase I Environmental Site Assessment, Property Condition Assessment, Seismic Evaluation, ADA Survey, ALTA Survey and a comprehensive roof assessment. Multiple engineering professionals were coordinated and dispatched to the project site to complete due diligence assessments and cost studies associated with the planned renovation of the historic facility. The renovation was successful and exemplified Mr. Taylor's due diligence engineering experience as well as Partner's responsiveness and expertise in commercial real estate evaluation.

Commercial Office Portfolio, Philadelphia, PA. A $186 million dollar acquisition project consisting of 29, multi-story commercial office buildings and included Phase I Environmental Site Assessments and Property Condition Assessments with special inspections of HVAC systems, elevators, and roofing systems. Multiple inspectors were coordinated and dispatched to each site within a two-week report completion timeline. Special inspection findings and related repair costs were cross-calculated with generalist inspection reporting and incorporated into the Property Condition Assessment spreadsheets for client/lender review. The acquisition was successful and exemplified Mr. Taylor's project management and negotiation skills, coordination of several in-house engineering professionals and subcontracted elevator consultants as well as Partner's responsiveness and expertise of client/lender's expedited timeline.

National Cellular Tower Portfolios. Two multi-million dollar acquisition projects consisting of over 2,400 cellular towers located throughout the United States which included Phase I Environmental Site Assessments. Multiple national inspectors were dispatched to each mountain-top tower within each state. The inspections incorporated the use of guides and four-wheel drive vehicles (primarily Jeeps) to visually inspect each tower. The acquisition project was successful and exemplified Mr. Taylor's project management skills, coordination of dozens of national inspectors, quality control reviews, and responsiveness to client's timeline.

Grocery Chain Portfolio, various locations throughout OR. A multi-million-dollar rehabilitation financing project consisting of 25 grocery store properties included Phase I Environmental Site Assessments and ALTA Surveys. Multiple inspectors were dispatched to each site within a two-week turnaround. The financing project was successful and the project exemplified Mr. Taylor's negotiation/client management skills, coordination of inspections, quality control and completion of timely reports as well as the responsiveness and professional acumen of Partner's Engineering Team.

Affiliations

ASTM Member No. 000216930
Environmental Bankers Association
Risk Management Association, Director, Fresno, CA
Northwest Environmental Business Council

Speaking

"Commercial Due Diligence 101", Northwest Environmental Business Council, Northwest Environmental Conference and Tradeshow, Portland, OR. Commercial Real Estate Risks and Assessments

"Regulations in Lending", Risk Management Association, Fresno, CA. Risk Tolerance and Environmental Regulation for Commercial Bankers

"Water in the Central Valley", Risk Management Association, Fresno, CA. Contaminated Sites and Environmental Remediation of Commercial Properties

Contact

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