Appendix E
Hazardous Materials Studies

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May 12, 2020

Pilot Flying J
5508 Lonas Drive
Knoxville, Tennessee 37909

Atten: Joey Cupp

Re: Phase I Environmental Site Assessment, PFJ #1267, Pearblossom Highway, Palmdale, California 93552

Dear Mr. Cupp,

Provided herein is the report entitled Phase I Environmental Site Assessment, PFJ #1267, Pearblossom Highway, Palmdale, California 93552. This report includes a description of activities conducted and results obtained from the assessment.

Should you have questions or require additional information, please do not hesitate to contact us.

Sincerely,

Stephanie Holst
Senior Scientist

Broadbent & Associates Inc.

PHASE I
ENVIRONMENTAL SITE ASSESSMENT

PFJ #1267
Pearblossom Highway
Palmdale, California 93552

Prepared for:

Pilot Flying J
5508 Lonas Drive
Knoxville, Tennessee 37909

Prepared by:

Broadbent & Associates Inc.
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May 12, 2020

Project No:

20-01-146

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General Information

Project Information:
Pilot Travel Centers
Project Number:
20-01-146

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Report Date: 05/12/2020

Site Information:
PFJ #1267
Pearblossom Highway
Palmdale, California 93552
County: Los Angeles
Latitude, Longitude: 34.544167, -118.034546
Site Access Contact:

Client Information:
Pilot Flying J
Joey Cupp
5508 Lonas Drive
Knoxville, Tennessee 37909

Certification:

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



Stephanie Holst - Senior Scientist

Executive Summary

To assist Pilot Flying J with its due diligence efforts, Broadbent & Associates, Inc. has conducted this Phase I Environmental Site Assessment (ESA) on the real property located at Pearblossom Highway, in Palmdale, California. This ESA was conducted in conformance with the scope and limitations of ASTM Practice E1527-13: *Standard Practice for Environmental Site Assessments — Phase I Environmental Site Assessment Process*, and the United States Environmental Protection Agency (EPA) final rule contained within Code of Federal Regulations Volume 40 Part 312 — *Standards and Practices for All Appropriate Inquiries*. Exceptions to, or deletions from, this practice are described in Section 1 of this report. Use of the referenced ASTM Process is intended to satisfy requirements for conducting "all appropriate inquiries" (AAI) under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

The Property is currently a gravel parking lot utilized as overflow parking for a neighboring outdoor swap meet. No prior development of the Property was identified during this assessment.

This assessment has revealed no recognized environmental conditions in connection with the Property.

1.0 Introduction

This section describes the purpose of and authorization for conducting this assessment. Also discussed are significant assumptions, deviations, special terms and conditions, and user reliance on this report.

1.1 Purpose

To assist Pilot Flying J with its due diligence efforts relative to the site located at Pearblossom Highway in the City of Palmdale, California, Broadbent & Associates, Inc. (Broadbent) conducted an All Appropriate Inquiry Phase I Environmental Site Assessment (ESA) consistent with the ASTM International Standard E1527-13*: Standard Practice for Environmental Site Assessments — Phase I Environmental Site Assessment Process,* and the United States Environmental Protection Agency (EPA) final rule contained within Code of Federal Regulations (CFR) Volume 40 Part 312 — *Standards and Practices for All Appropriate Inquiries (AAI).* The purpose of this due diligence investigation is to identify recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs), historical recognized environmental conditions (HRECs), and/or de minimis conditions as defined below.

A REC is defined by ASTM International as:

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

A HREC is defined by ASTM International as:

> "A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."

A CREC is defined by ASTM International as:

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

A *De Minimis* Condition is defined by ASTM International as:

> "A condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* conditions are not recognized environmental conditions nor controlled recognized environmental conditions."

1.2 Scope of Work

Various investigative methods were utilized to complete this ESA. Specific items accomplished include the following:

- Prepared a general site description
- Reviewed User-provided information
- Reviewed readily ascertainable environmental records
- Conducted a site reconnaissance
- Conducted interviews
- Identified data gaps (if present)
- Prepared this ESA report summarizing assessment results

1.3 Significant Assumptions

Conclusions stated in this report are based upon observations made by employees of Broadbent and also upon information provided by others. It is assumed that these observations and information are accurate. However, Broadbent cannot be held responsible for the accuracy of the information provided by others. The scope of this ESA does not purport to encompass every report, record, or other form of documentation relevant to the Property being evaluated.

1.4 Deviations

There were no deviations from the ASTM International standards.

1.5 Special Terms and Conditions

Observations contained within this assessment are based upon Property conditions readily visible and present at the time of the site reconnaissance. These Property observations are unable to specifically identify conditions of potential mold, asbestos containing building materials, subsurface soil, groundwater, vapor, or underground storage tanks, unless specifically mentioned. This ESA does not attempt to address the unidentified past or forecast future Property conditions.

1.6 Reliance

The enclosed ESA has been conducted for the exclusive use of Pilot Flying J and may not be reproduced, distributed, or relied upon by others without the prior written authorization of Pilot Flying J and Broadbent. A Reliance Letter can be prepared for additional use upon request by Pilot Flying J.

2.0 Site Description

This section describes the Property with its location and legal description, general vicinity characteristics, current uses, description of on-site improvements, and current uses of adjoining properties.

2.1 Location and Legal Description

The Property is located outside of the incorporated limits of Palmdale, California. There is currently no physical address for the Property. The Property consists of the western portion of a parcel assigned Los Angeles County Assessor's Parcel Number (APN) 3051-021-022. A copy of the Los Angeles County Assessor's Parcel Map for the Property is provided in Appendix A. Figures 1 and 2 depicting the Property boundaries within APN 3051-021-022 are included in the Appendices.

Approximate latitude and longitude coordinates for the center of the Property are 34.5441 North, -118.0345 West North American Datum 83. The Property is located within the southwest quarter of the southeast quarter of Section 4, Township 5 North, Range 11 West, relative to the San Bernardino Baseline and Meridian. The Property is covered by the United States Geological Survey (USGS) Palmdale, California 7.5-minute quadrangle topographic map. A Property Location Map is provided as Figure 1.

2.2 Current Uses of the Site

The Property is currently developed with a ticket booth and gravel parking lot for the adjoining swap meet property.

No RECs, CRECs, and/or HRECs were identified relative to the Property based on review of current uses of the Property.

2.3 Description of Structures, Roads, and Other Improvements

The Property is currently developed with a small ticket booth located at the south entrance on to the Property. The remainder of the Property is a gravel parking lot with sparse landscaping. The gravel parking lot provides overflow parking for the adjoining swap meet property east of the Property. There are no other structures, roads or other improvements on the Property. General information about the Property is tabulated below. No RECs, CRECs, and/or HRECs were identified relative to the Property based on review of structures, roads and other improvements on the Property.

Size of Property (approximate)	~10 acres
General Topography of Property	Generally flat, slight slope down toward the northwest
Adjoining and/or Access/Egress Roads	Pearblossom Highway to the south and Fort Tejon Road to the north
Paved or Concrete Areas (including parking)	None
Unimproved Areas	None
Landscaped Areas	There is sparse landscaping (trees) dispersed between the rows of parking spaces
Surface Water	None
Potable Water Source	City of Palmdale
Sanitary Sewer Utility	There is currently no sewer service for the Property
Storm Sewer Utility	City of Palmdale
Electrical Utility	Southern California Edison
Natural Gas Utility	Southern California Gas Company

2.4 Current Uses of Adjoining Properties

Adjoining properties are used for various purposes. Uses of adjoining properties at the time of this investigation are listed in the table below.

No RECs, CRECs, and/or HRECs were identified relative to the Property based on review of current uses of adjoining properties.

Direction	Address	Use & Occupant	Comments
North	No physical address identified	Vacant, undeveloped land	No concerns noted
South	No physical address identified	Vacant, undeveloped land	No concerns noted
East	5550 Pearblossom Highway	Commercial - Antelope Valley Swapmeet	An open-air flea market usually operates on the weekend but is currently shut down due to COVID-19. No concerns noted.
West	No physical address identified	Vacant, undeveloped land	No concerns noted

3.0 User Provided Information

The purpose of this section is to detail User-provided information used to help identify the possibility of RECs in connection with the Property. A User Questionnaire was provided to the User to assist them in compiling pertinent information. A completed questionnaire was not received from the User prior to the issue of this assessment. User-provided information is summarized below.

3.1 Owner, Key Property Manager, or Occupant Provided Information

The Property is unoccupied. Ms. Joyce Bruce, the Property owner for the past 40+ years, was interviewed via telephone on May 5, 2020. Ms. Bruce stated that the Property has never been developed with anything other than a gravel parking lot. She stated that the Property is not currently hooked up to city sewer. She indicated that there are several septic tanks on the portion of the parcel occupied by the swap meet but she did not believe there were any tanks (septic or otherwise) on the Property (west side of the parcel). She acknowledged that the City of Palmdale operates a water supply well on the adjoining land to the west but no wells are located on the Property. Ms. Bruce was unaware of any environmental concerns related to the Property.

3.2 Title Records, Environmental Liens or Activity and Use Limitations

Reasonably ascertainable recorded land title records should be checked by the User to identify environmental liens or activity and use limitations, if currently recorded against the Property. Environmental liens or activity and use limitations so identified are supposed to be reported to the Environmental Professional conducting the ESA. No evidence of environmental liens or activity and/or use limitations was discovered or brought to the attention of Broadbent.

No RECs, CRECs, and/or HRECs were identified relative to the Property based on review of title records, environmental liens, or activity and use limitations.

3.3 Specialized Knowledge

If the User has or is aware of any specialized knowledge or experience that is material to RECs in connection with the Property, it is the User's responsibility to communicate this information to the Environmental Professional. The User did not provide any Specialized Knowledge relative to the Property.

3.4 Valuation Reduction for Environmental Issues

In a transaction involving the purchase of a parcel of real estate, if a User has actual knowledge that the purchase price of the Property is significantly less than the purchase price of comparable properties, the User should try to identify an explanation for the lower price and to make a written record of such explanation.

The User indicated that the purchase price of the Property reflects the fair market value of the Property. No RECs, CRECs, and/or HRECs were identified relative to the Property based on review of information relative to valuation reduction for environmental issues.

3.5 Reason for Conducting Phase I

The purpose of this ESA was to identify existing or potential RECs, CRECs, and/or HRECs (as defined by ASTM Standard E1527-13) in connection with the Property, and it is assumed to also be to qualify the User for Landowner Liability Protection (LLP) relative to potential CERCLA liability.

4.0 Records Review

The purpose of a Records Review is to obtain and review records that will help identify RECs, CRECs, and/or HRECs in connection with the Property. A discussion of each record source is provided below.

4.1 Physical Setting

Physical setting information for the Property was obtained by a review of sources that included, but was not limited to, USGS topographic maps and a USDA soil survey report. Refer to Section 11 for a complete list of records reviewed.

4.1.1 Topography

The USGS, Palmdale, CA Quadrangle 7.5-Minute series topographic map was reviewed for this ESA. The surface of the Property slopes from approximately 2,754 to 2,740 feet above mean sea level from the southeast to the northwest. Topographic contour lines in vicinity of the Property indicate that surface water generally drains towards the northwest.

4.1.2 Surface Water Bodies

No on-site water wells or springs were observed during the Property reconnaissance. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed on the Property during this investigation.

4.1.3 Geology and Hydrology

The Property is underlain by silt with discrete layers of sand, clay, or gravel. Based on the soil survey published by the USDA Soil Conservation Service, the Property encompasses one mapped soil unit: Hesperia, a fine sandy loam. The Property hydrologic soil group classification is "Class B, moderate infiltration rates." The soil drainage classification is "well drained". Depth to groundwater is expected to be over 100 feet below ground surface (bgs), based on information obtained from the USGS. The groundwater flow direction in the vicinity of the Property is assumed to be toward the northwest.

4.2 Environmental Record Sources

Broadbent contracted Environmental Data Resources, Inc. (EDR) to conduct a search of available state, federal, and other ascertainable environmental records. The area searched

included the Property and surrounding area within approximate minimum search distances from the Property boundary, dependent on listing type, as defined by ASTM International. A complete listing of records searched is available in the EDR Radius Report provided in Appendix B. An abbreviated list of search results is provided in the table below relative to records that identified a regulatory listing relevant to the Property. A subsequent discussion is provided relative to identified potential concerns.

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RCRA NonGen / NLR		0.25	1	0	NR	NR	NR	1
LUST		0.5	1	0	0	NR	NR	1
UST		0.25	1	0	NR	NR	NR	1

Site Name: LIQUOR KING
Databases: CHMIRS, LUST, HIST UST, SWEEPS UST, CERS TANKS, CERS HAZ WASTE, HWTS, CERS
Address: 5564 FORT TEJON RD
Distance: 0.014 miles
Direction: East-southeast (upgradient)
Elevation: Higher
Comments: This site is located upgradient of the Property. According to files reviewed on California Water Boards' Geotracker website, in 2005, upgrades were made to the underground storage tank (UST) system at the Liquor King facility (currently a Chevron gas station). In accordance with applicable regulations, soil samples were collected from beneath the petroleum fuel dispensers, piping and excavation stockpiles. Low concentrations of total petroleum hydrocarbons (TPH) were detected in three of eleven soil samples. Based on results of the soil sample analysis, no further action was requested. The no further action request was granted in a letter from the California Regional Water Quality Control Board on April 22, 2010. Copies of the closure report and closure letter are included in Appendix D. Due to the low concentrations of petroleum found in the soil, and since groundwater did not appear to be impacted by this release, it is unlikely that this release has had a negative impact on the Property.

Other sites listed above in the table but not specifically discussed do not likely pose a significant environmental concern relative to the Property. Some of these sites do not pose a significant concern due to their distance from or relative location to the Property. Other sites may have been detected in one of the records searched above that are not indicative of a release, but rather simply indicate that the site/facility may possess chemicals of concern (e.g. RCRA LQG). In these cases, identifying a given site as one that poses an environmental concern relative to the Property is not done based on the database listing alone.

In addition to regulatory databases required to be searched by ASTM International Standard E1527-13, the EDR Report lists high-risk historical records. According to the EDR report, there were two historical auto stations listed within a 0.25-mile radius of the Property. However, no evidence was found during this assessment to indicate that these sites have had a negative impact on the Property.

4.3 Vapor Intrusion

Vapor intrusion occurs when chemicals volatilize and migrate from impacted soil and/or groundwater up into a building's interior space. Vapor intrusion can pose a potential health threat to the occupants of the building, especially to sensitive populations such as the elderly and children.

The Property is, and has historically been, undeveloped or utilized as an unpaved parking lot. There have been no documented operations at the Property that would result in potential vapor intrusion.

Sites within the approximate minimum search distances of 1/3 of a mile for chemicals of concern (COC) and 1/10 of a mile for petroleum hydrocarbon COC were reviewed. Based on the lack of known or suspect contaminated sites in the surrounding area, and lack of documented groundwater plumes within the areas of concern, it is unlikely that the Property has been impacted by vapor intrusion from surrounding properties.

4.4 Historical Record Sources

The following standard historical sources may be used to meet the historical record sources review requirements of ASTM E1527-13: aerial photographs; fire insurance maps; property tax files; land title records (although these cannot be the sole historical source consulted); topographic maps; city directories; building department records; or zoning/land use records. ASTM E1527-13 requires "All obvious uses of the property shall be identified from the present, back to the property's first developed use, or back to 1940, whichever is earlier." This task requires reviewing only as many of the standard historical sources as are necessary and that are reasonably ascertainable and likely to be useful.

4.4.1 Historical Topographic Maps

The following historical topographic maps were reviewed and described. Copies of the historical topographic maps are provided in Appendix C.

Date	Source	Property Observations	Surrounding Area Observations
1915	Elizabeth Lake	The Property did not appear to be developed. The topography of the Property appeared to be relatively unchanged from present day.	Fort Tejon Road and Pearblossom Highway were present. There did not appear to be significant development in the surrounding area.
1917	Elizabeth Lake	The Property appeared to remain relatively unchanged.	The surrounding area appeared to remain relatively unchanged.

Date	Source	Property Observations	Surrounding Area Observations
1930	Pearland	The Property appeared to remain relatively unchanged.	The surrounding area appeared to remain relatively unchanged.
1934	Pearland	The Property appeared to remain relatively unchanged.	The surrounding area appeared to remain relatively unchanged.
1958	Palmdale	The Property appeared to remain relatively unchanged.	There appeared to be a small structure east of the Property, presumably the gas station discussed in Sections 4.2 and 4.4.4. Several other small buildings were present along Fort Tejon Road and Pearblossom Highway. Several side streets were constructed in the surrounding area.
1974	Palmdale	The Property appeared to remain relatively unchanged.	The surrounding area appeared to remain relatively unchanged.
2012	Palmdale	The Property appeared to remain relatively unchanged.	The surrounding area appeared to remain relatively unchanged.

No RECs, CRECs, and/or HRECs were identified relative to the Property based on review of the historical topographic maps.

4.4.2 Historical Aerial Photographs

The following historical aerial photographs were reviewed and described. Copies of the historical aerial photographs are provided in Appendix C.

Date	Source	Property Observations	Surrounding Area Observations
1928	EDR	The Property appeared to be used for agriculture. No structures were observed on the Property.	The surrounding area appeared to agricultural land. Fort Tejon Road and Pearblossom Highway were present. There appeared to be some sparse development east of the Property, possibly farmhouses.
1940	EDR	The Property no longer appeared to be used for agriculture and appeared to return to a native landscape. The Property remained undeveloped.	The surrounding area appeared to remain relatively unchanged.
1948	EDR	The Property appeared to remain relatively unchanged.	The surrounding area appeared to remain relatively unchanged.
1953	EDR	The Property appeared to remain relatively unchanged.	The surrounding area appeared to remain relatively unchanged.
1968	EDR	The Property appeared to remain relatively unchanged.	There appeared to be a small gas station constructed east of the Property. Otherwise, the surrounding area appeared to remain relatively unchanged.
1970	EDR	The Property appeared to remain relatively unchanged.	Several buildings were constructed on the land adjoining the Property to the east. Otherwise, the surrounding area appeared to remain relatively unchanged.

Date	Source	Property Observations	Surrounding Area Observations
1972	EDR	The Property appeared to remain relatively unchanged.	The configuration of the small buildings on the east adjoining property changed slightly. Otherwise, the surrounding area appeared to remain relatively unchanged.
1983	EDR	The Property appeared to remain relatively unchanged.	The configuration of the small buildings on the east adjoining property changed again. Otherwise, the surrounding area appeared to remain relatively unchanged.
1989	EDR	The Property appeared to remain relatively unchanged.	The current configuration of the buildings at the swap meet on the east adjoining property was present. A large unpaved parking lot with sparse landscaping was also present east of the Property. A large residential community was under construction north of the Property.
1994	EDR	The Property appeared to remain relatively unchanged.	The large residential development north of Property expanded. There was also increased residential development south of the Property.
2002	EDR	The Property appeared to remain relatively unchanged.	The large residential development north of Property continued to expand. The surrounding area appeared to remain relatively unchanged.
2005	EDR	The Property appeared to remain relatively unchanged.	The surrounding area appeared to remain relatively unchanged.
2009	EDR	The Property appeared to remain relatively unchanged.	There was a large residential community west of the Property.
2012	EDR	The Property appeared to be used for overflow parking for the neighboring swap meet.	The surrounding area appeared to remain relatively unchanged.
2016	EDR	Unpaved parking lot lanes were observed to be added onto the Property. The small ticket booth on the south side of the Property was also present.	The surrounding area appeared to remain relatively unchanged.

No environmental RECs, CRECs, and/or HRECs were identified relative to the Property based on review of the historical aerial photographs.

4.4.3 Fire Insurance Maps

Fire insurance maps were initially produced by private companies (such as Sanborn, Perris, and the Fire Underwriters Inspection Bureau) for the insurance industry to provide information regarding the uses of properties at specified dates.

No fire insurance maps depicting the target Property were identified. A copy of the Certified Sanborn Map Report indicating no coverage available is provided in Appendix C.

4.4.4 City Directories

City directories have been published for cities and towns across the US since the 1700s. Originally a list of residents, the city directory developed into a sophisticated tool for locating individuals and businesses in a particular urban or suburban area. Twentieth-century directories are generally developed into three sections: a business index, a list of resident names and addresses, and a street index. With each address, the directory lists the name of the resident or, if a business is operated from this address, the name and type of business (if unclear from the name). While city directory coverage is comprehensive for major cities, it may be less comprehensive for rural areas and small towns.

Broadbent requested EDR to provide a search of available historical city directories that might list the Property. EDR searched the Cole Information Services, Haines & Co., Pacific Bell, and EDR Digital Archives City Directory listings for the following years: 1965, 1971, 1976, 1985, 1994, 1995, 1999, 2000, 2004, 2009, and 2014. Since there is no physical address for the Property, it was not listed. Available city directory listings for the surrounding area are summarized below.

Date(s)	Location	Listings
1965	5564 Fort Tejon Road	Mel Benson Serv
1971, 1976	5564 Fort Tejon Road	JOES CHEVRON
1985	5564 Fort Tejon Road	Craig Gary Chevron
1994, 1995, 1999, 2000, 2004, 2014	5564 Fort Tejon Road	FOUR POINTS MINI MARKET
1994, 1995, 1999, 2000, 2004, 2009, 2014	5510 Pearblossom Highway	FOUR POINTS LIQUOR & MARKET

A gas station has operated at 5564 Fort Tejon Road (approximately 0.014 miles upgradient of the Property) since circa 1965. During a subsurface investigation at the gas station in 2005, low concentrations of total petroleum hydrocarbons were found in soil at the site. Since the depth to groundwater in the vicinity is reported to be over 100 feet below land surface, it's unlikely that activities at the gas station have impacted groundwater or would migrate onto the Property.

No environmental RECs, CRECs, and/or HRECs were identified relative to the Property based on review of the historical city directories.

4.5 Other Environmental Records

No other environmental records were reviewed during this assessment.

5.0 Site Reconnaissance

Ms. Stephanie Holst of Broadbent conducted a site reconnaissance of the Property on May 5, 2020, as discussed below. The weather was warm and sunny.

Photographs of the Property and vicinity taken during the site reconnaissance are provided within Appendix E.

5.1 Hazardous Substances in Connection with Identified Uses

No hazardous substances or petroleum products in connection with current identified uses were observed within the boundaries of the Property during the site reconnaissance. No hazardous substances or petroleum products in connection with current identified uses were observed on properties adjoining the Property when observed from the Property or publicly accessible areas. As such, no RECs from hazardous substances or petroleum products in connection with current identified uses were known to be present on the Property at the time of the reconnaissance.

5.2 Hazardous Substance and Unidentified Substance Containers

No hazardous substance, unidentified substance, or petroleum products containers were observed within the boundaries of the Property during the site reconnaissance. No hazardous substance, unidentified substance, or petroleum product containers were observed on properties adjoining the Property when observed from the Property or publicly-accessible areas. As such, no RECs from hazardous substance or unidentified substance containers were known to be present on the Property at the time of the reconnaissance.

5.3 Storage Tanks

No evidence of existing or historic storage tanks, vent pipes, fill pipes, or access ways indicating USTs or ASTs was observed within the boundaries of the Property during the site reconnaissance or records review. No evidence of storage tanks was observed on properties adjoining the Property when observed from the Property or publicly-accessible areas. As such, no RECs from storage tanks were known to be present on the Property at the time of the reconnaissance.

5.4 Polychlorinated Biphenyls

Polychlorinated biphenyls (PCBs) are a class of stable compounds that are toxic to the liver and are linked to cancer. The US EPA considers PCBs a Priority Pollutant under the Clean

Water Act. The maximum contaminant level of PCBs allowed in drinking water is 0.5 parts per billion (ppb). Due to PCBs' toxicity and classification as a persistent organic pollutant, the United States prohibited the manufacture of PCBs after July 1, 1979 in the Toxic Substances Control Act (TSCA) of 1976. Until then, PCBs were widely used as coolant and dielectric insulating fluids for oil-filled electrical transformers and capacitors (such as those used in ballasts of old fluorescent and high-intensity discharge lights). PCBs were also used as plasticizers in paints and cements, stabilizing additives in flexible polyvinyl chloride (PVC) coatings of electrical wiring and electronic components, pesticide extenders, cutting oils, reactive flame retardants, lubricating oils, vacuum pump fluids, hydraulic fluids, and sealants for caulking in schools and commercial buildings.

Although manufacture was prohibited after 1979, PCBs already in commerce continued to be allowed in "totally enclosed uses" such as transformers and capacitors. Due to their extended working life, some oil-filled electrical equipment may still contain PCBs. The US EPA considers a product to be "PCB-Contaminated" if the oil contains between 50-500 parts per million (ppm), and to be a PCB product if the oil contains more than 500 ppm. After July 1, 1979 and through 1998, the US EPA required new oil-filled electrical equipment to be marked "No PCBs." If an item is not so labeled, and no information is available as to the date of manufacture, an item might be assumed to contain PCBs until proven otherwise. PCB content may or may not be a matter of record with equipment or transformers belonging to a utility company.

No verifiable RECs, CRECs, and/or HRECs associated with PCBs were observed or known to be present on the Property at the time of the site reconnaissance.

5.5 Odors, Pools of Liquid

No pools of liquids and/or standing surface water were observed within the boundaries of the Property during the site reconnaissance. No strong, pungent, or noxious odors were noted during the site reconnaissance. No odors, pools of liquid, or standing surface water were observed on properties adjoining the Property when observed from the Property or publicly-accessible areas. As such, no RECs associated with potential odors, pools of liquid, or standing surface water were known to be present on the Property at the time of the site reconnaissance.

5.6 Pits, Ponds, Lagoons

No pits, ponds, or lagoons were observed within the boundaries of the Property during the site reconnaissance. No pits, ponds, or lagoons were observed on properties adjoining the

Property when observed from the Property or publicly-accessible areas. As such, no RECs from pits, ponds, or lagoons were known to be present on the Property at the time of the reconnaissance.

5.7 Stained Soil/Pavement, Stressed Vegetation

No stained soil/pavement or stressed vegetation were observed within the boundaries of the Property during the Property reconnaissance. No stained soil/pavement or stressed vegetation were observed on properties adjoining the Property when observed from the Property or publicly-accessible areas. As such, no RECs from stained soil/ pavement or stressed vegetation were known to be present on the Property at the time of site reconnaissance.

5.8 Indications of Solid Waste Disposal

No evidence of solid waste disposal was observed within the boundaries of the Property during the Property reconnaissance. No evidence of solid waste disposal was observed on properties adjoining the Property when observed from the Property boundaries or publicly-accessible areas. As such, no RECs from solid waste disposal were known to be present on the Property at the time of the reconnaissance.

5.9 Water, Storm Water, and Wastewater

No evidence of on-site current or historic water supply wells, constructed storm water management systems, or historic wastewater systems was observed within the boundaries of the Property during the Property reconnaissance or discovered during interviews or records review. As such, no RECs from water, storm water, or wastewater were known to be present on the Property at the time of the reconnaissance.

5.10 Other Notable Features

No other notable features were observed on the Property during the site reconnaissance.

6.0 Interviews

The following interviews were conducted in accordance with the requirements of ASTM E1527-13.

6.1 Interviews with Past and Present Owners and Occupants

Ms. Joyce Bruce, the Property owner for the past 40+ years, was interviewed via telephone on May 5, 2020. Ms. Bruce stated that the Property has never been developed with anything other than a gravel parking lot. She stated that the Property is not currently hooked up to city sewer. She indicated that there are several septic tanks on the portion of the parcel occupied by the swap meet but she did not believe there were any tanks (septic or otherwise) on the Property (west side of the parcel). She acknowledged that the City of Palmdale operates a water supply well on the adjoining land to the west but no wells are located on the Property. Ms. Bruce was unaware of any environmental concerns related to the Property.

There are no occupants of the Property.

No RECs, CRECs, and/or HRECs were identified relative to the Property based on review of information gathered via interviews.

6.2 Interviews with State and/or Local Government Officials

On May 1, 2020, an inquiry regarding inspections, complaints, spills or other potential environmental issues in connection with the Property and/or its adjoining properties was submitted to the Los Angeles County Department of Public Works. No sites were identified.

7.0 Data Gaps

A data failure is failure to achieve the historical research objectives of ASTM E1527-13. A data gap is the incompleteness in activities required in this practice. The following data gaps occurred during conduct of this ESA: City Directory search returned no coverage of the Property and Sanborn map search returned no coverage of the Property. Based on the experience and good faith efforts of the environmental professionals responsible for conducting and reviewing this ESA, the above data gaps do not constitute a data failure and are not significant enough to affect identification of recognized environmental conditions on the Property.

8.0 Findings

Findings of the ESA have been discussed throughout the body of this report and are tabulated below.

Report Section	REC (Y/N)	CREC (Y/N)	HREC (Y/N)	De Minimis Conditions (Y/N)	Comments
Site Description	N	N	N	N	No concerns were identified related to the site description.
User Provided Information	N	N	N	N	No concerns were identified related to User provided information.
Records Review	N	N	N	N	No concerns were identified related to the review of records.
Site Reconnaissance	N	N	N	N	No concerns were identified related to the site reconnaissance.
Interviews	N	N	N	N	No concerns were identified related to interviews conducted during this assessment.

9.0 Conclusion

Broadbent has conducted this ESA in conformance with the scope and limitations of ASTM Practice E1527-13 for the Property located at Pearblossom Highway, APN 3051-021-022, Palmdale, California. Exceptions to, or deviations from, this practice are described in Section 1.4 of this report.

This assessment has revealed no recognized environmental conditions in connection with the Property.

10.0 Limitations & Exceptions of Assessment

Broadbent prepared this report for the exclusive use of Pilot Flying J. This ESA is based on review of the site description, User-provided information, readily ascertainable environmental records, and results of site reconnaissance and interviews. This ESA was conducted in accordance with generally accepted environmental practices and procedures, as of the date of the report. Reputable environmental professionals practicing in this or similar localities conducted the services employing a degree of care and skill ordinarily exercised under similar circumstances. Findings and conclusions were made using methodologies employed per ASTM International Practice E1527-13 described by ASTM International as representing good commercial and customary practice for conducting an ESA of a property for the purpose of identifying RECs. No other warranties are implied or expressed.

No environmental sampling and associated analyses were undertaken for this ESA report. It is possible that variations in conditions could exist beyond points explored in this investigation.

This report represents professional opinion and judgment, which are dependent upon information obtained during the performance of consulting services. Environmental conditions may exist at the Property that cannot be identified. Conclusions are based, in part, on information supplied by others, the accuracy or sufficiency of which may not be independently reviewed. No investigation can be thorough enough to exclude the presence of hazardous materials at a given site; therefore, if no hazardous materials are identified during an assessment, such a finding should not be construed as a guarantee of the absence of such materials on a property, but rather the results of services conducted within project scope, cost, and other real limitations.

Opinions presented apply to conditions existing at the time services were conducted. Broadbent is unable to report on, or accurately predict events that may impact the Property following performance of the described services, whether occurring naturally or caused by the actions of others. Broadbent assumes no responsibility for conditions it is not authorized to investigate or conditions not generally recognized as environmentally unacceptable at the time services are conducted. Broadbent is not responsible for change in applicable environmental standards, practices, laws, or regulations following performance of services.

11.0 References

American Society for Testing and Materials, 6 November 2013. Designation E1527-13: Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

Environmental Data Resources, 1 May 2020. The EDR Aerial Photo Decade Package: PFJ #1267, Highway 138/Pearblossom Highway, Palmdale, CA 93552 (Inquiry # 6054644.8).

Environmental Data Resources, 1 May 2020. The EDR-City Directory Abstract: PFJ #1267, Highway 138/Pearblossom Highway, Palmdale, CA 93552 (Inquiry # 6054644.5).

Environmental Data Resources, 1 May 2020. The EDR Radius Map Report with GeoCheck: PFJ #1267, Highway 138/Pearblossom Highway, Palmdale, CA 93552 (Inquiry # 6054644.2s).

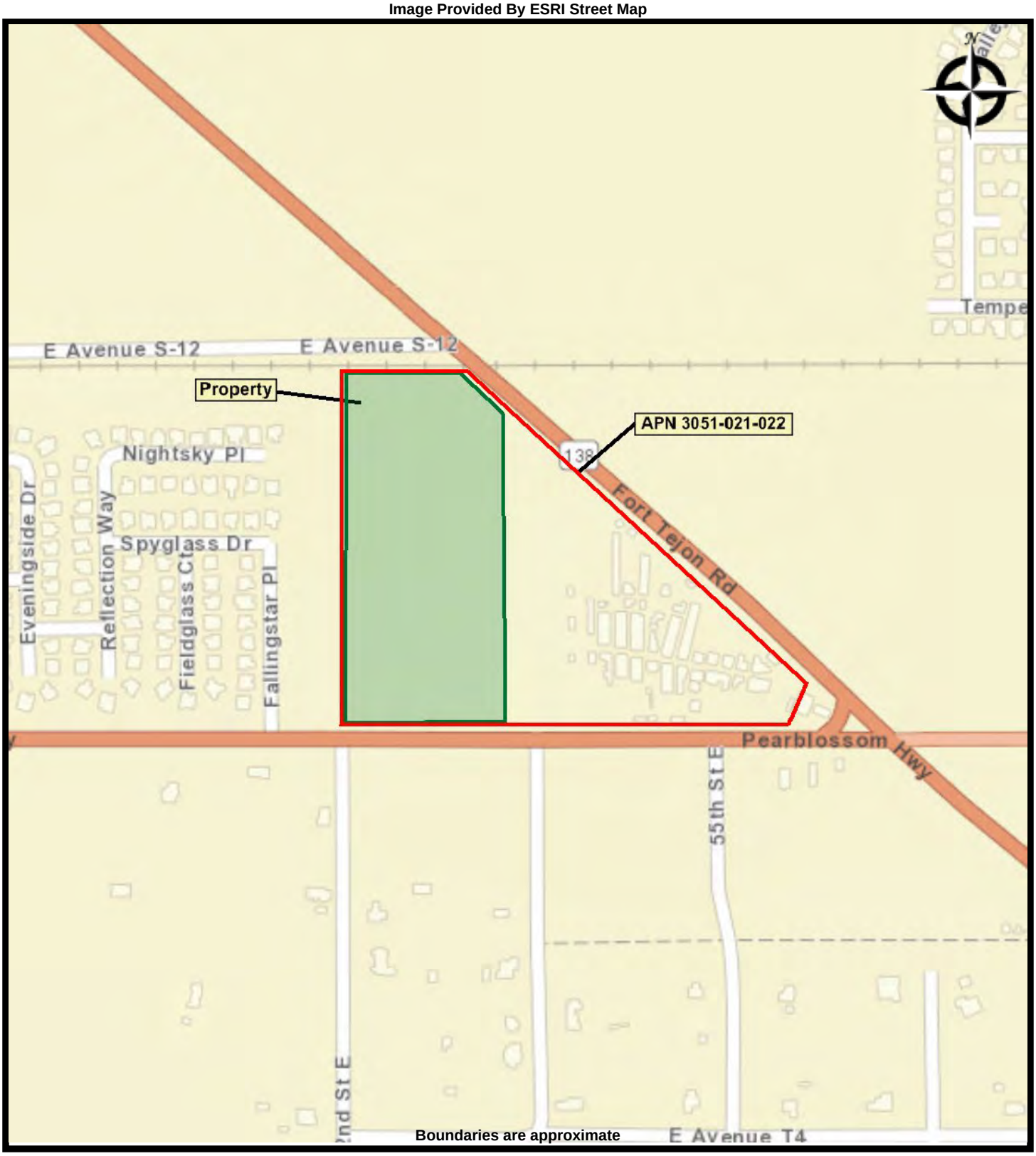
Environmental Data Resources, 1 May 2020. Certified Sanborn Map Report: PFJ #1267, Highway 138/Pearblossom Highway, Palmdale, CA 93552 (Inquiry # 6054644.3).

Environmental Data Resources, 1 May 2020. EDR Historical Topographic Map Report: PFJ #1267, Highway 138/Pearblossom Highway, Palmdale, CA 93552 (Inquiry # 6054644.4).

United States Department of Agriculture — Natural Resource Conservation Service (USDA). Web Soil Survey September 2007.

List of Figures

Image Provided By ESRI Street Map

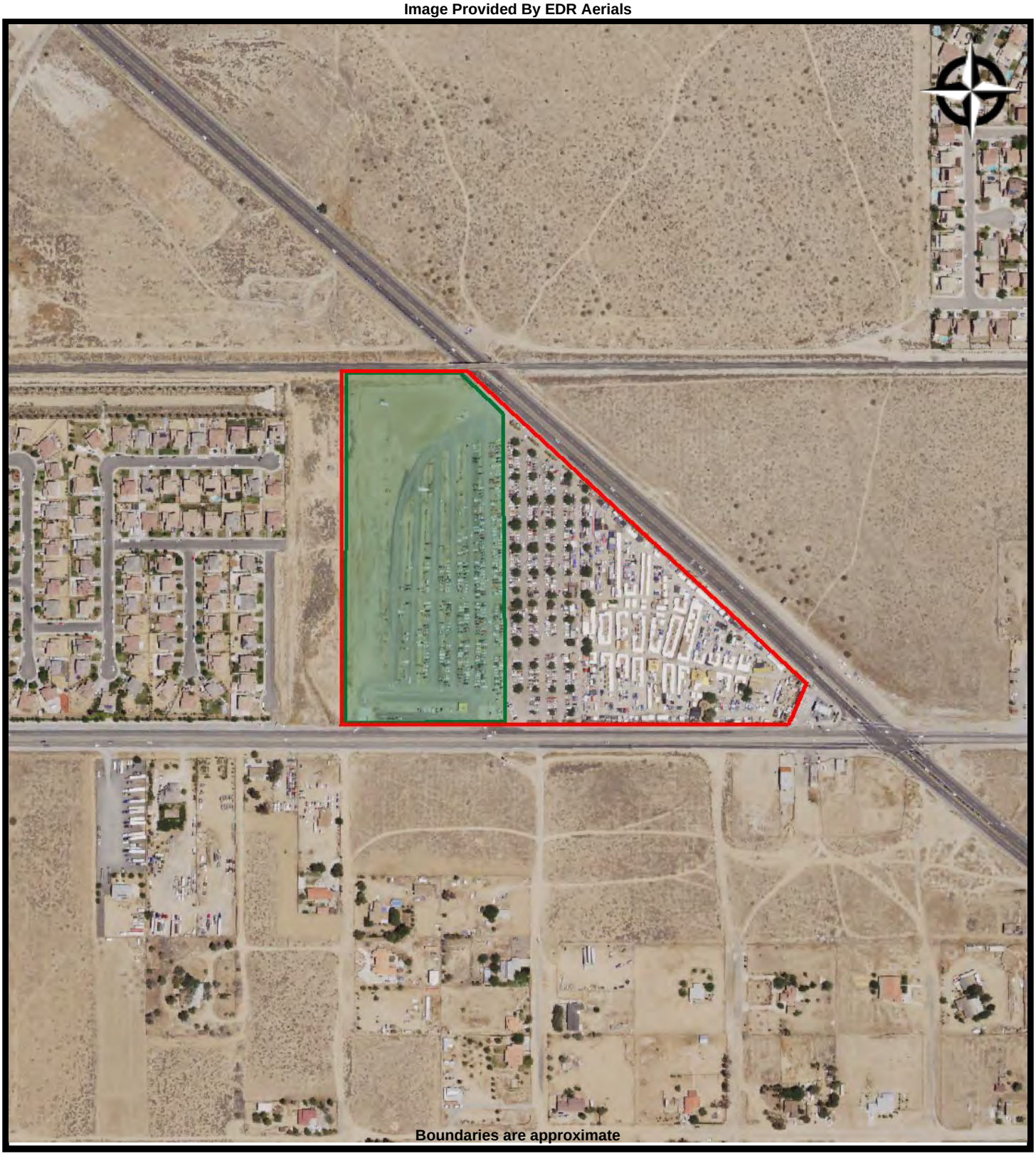


BROADBENT

FIGURE 1 PROPERTY LOCATION MAP
PILOT TRAVEL CENTERS
Highway 138/Pearblossom Highway
Palmdale, California 93552

PREPARED FOR: Pilot Company
PROJ. MGR: Stephanie Holst **DATE: 5/1/2020**
DRAWN BY: Stephanie Holst **PROJ. #: 20-01-146**

Image Provided By EDR Aerials



BROADBENT

FIGURE 2 AERIAL PHOTOGRAPH OF THE PROPERTY
PILOT TRAVEL CENTERS
Highway 138/Pearblossom Highway
Palmdale, California 93552

PREPARED FOR: Pilot Company
PROJ. MGR: Stephanie Holst **DATE: 5/1/2020**
DRAWN BY: Stephanie Holst **PROJ. #: 20-01-146**

Appendix A:

Assessor's Parcel Map

3051	21 SHEET	P.A. 3051-21	TRA 7424 11616	REVISED 2-5-60 6-29-60	2-21-62 6-29-64 660509	721121801 900912 910415	930308 990122 20150825050020001-24		SEARCH NO		OFFICE OF THE ASSESSOR COUNTY OF LOS ANGELES COPYRIGHT © 2002

2016

N

MAPPING AND GIS SERVICES
SCALE 1" = 200'

PG 18

NW COR #2050 5-10-57

289.46

438.58

FORT TEJON

100

11
1.09±AC

329.56

800
0.86±AC

100 50 S P 375.74 R R 50 100

50 N 89°47'21"E 50

S89°55'25"E 543.55

S LINE #2050, 5-10-57

PG 20

CS 8062-2
1773.80

PG 19

1246.57

1136.57

30

POR SE 1/4 SEC 4
T5N R11W

22
27.59±AC

30

VARIES

N 45° 54'40"W

#1409, 12-2-55

RD

VARIES

S 22°11'10"W 557.25

21
0.28±AC

R=25

S 48° 47'E 45.60

60 120 PEARBLOSSOM N 89°56'00"W 1765.74 120 HWY 7424 110 60 11616 AVE T

E:149-30

PG 22

PG 23

ate Printed: 8/24/2015 1:33:58 PM

Appendix B:

Environmental Records Search Report

PFJ #1267
Highway 138/Pearblossom Highway
Palmdale, CA 93552

Inquiry Number: 6054644.2s
May 01, 2020

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

HIGHWAY 138/PEARBLOSSOM HIGHWAY
PALMDALE, CA 93552

COORDINATES

Latitude (North):	34.5441670 - 34° 32' 39.00''
Longitude (West):	118.0345460 - 118° 2' 4.36''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	405071.4
UTM Y (Meters):	3822784.8
Elevation:	2745 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5630797 PALMDALE, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140515
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
HIGHWAY 138/PEARBLOSSOM HIGHWAY
PALMDALE, CA 93552

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	LIQUOR KING	5564 FORT TEJON RD	LUST, CERS HAZ WASTE, SWEEPS UST, HIST UST, CERS...	Higher	76, 0.014, ESE
A2	GARYS CHEVRON	5564 FORT TEJON RD	EDR Hist Auto	Higher	76, 0.014, ESE
A3	99602	5564 FT TEJON RD	HIST UST	Higher	76, 0.014, ESE
A4	LIQUOR KING	5564 FORT TEJON RD	UST	Higher	76, 0.014, ESE
A5	THOMAS HARVEY P	5560 PEARBLOSSOM RD	EDR Hist Auto	Higher	127, 0.024, ESE
6		5619 E AVENUE T	RCRA NonGen / NLR	Higher	590, 0.112, ESE
7	MOUNTAIN VALLEY RANC	47TH STREET EAST & F	ENVIROSTOR, VCP	Lower	3778, 0.716, NW

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

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
AST---------- Aboveground Petroleum Storage Tank Facilities
INDIAN UST---------- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP---------- Voluntary Cleanup Priority Listing
VCP---------- Voluntary Cleanup Program Properties

State and tribal Brownfields sites

BROWNFIELDS---------- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT---------- Waste Management Unit Database
SWRCY---------- Recycler Database
HAULERS---------- Registered Waste Tire Haulers Listing
INDIAN ODI---------- Report on the Status of Open Dumps on Indian Lands
ODI---------- Open Dump Inventory
DEBRIS REGION 9---------- Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS---------- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

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

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

Local Lists of Registered Storage Tanks

CA FID UST ---- Facility Inventory Database

Local Land Records

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

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
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

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
ECHO	Enforcement & Compliance History Information
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities
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
LOS ANGELES CO LF METHANE	Methane Producing Landfills
HWTS	Hazardous Waste Tracking System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants

EXECUTIVE SUMMARY

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 01/27/2020 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MOUNTAIN VALLEY RANC Facility Id: 60001064 Status: No Further Action	***47TH STREET EAST & F***	***NW 1/2 - 1 (0.716 mi.)***	***7***	***28***

State and tribal leaking storage tank lists

LUST: 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.

A review of the LUST list, as provided by EDR, has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LIQUOR KING	***5564 FORT TEJON RD***	***ESE 0 - 1/8 (0.014 mi.)***	***A1***	***9***
Database: LUST, Date of Government Version: 12/09/2019				
Status: Completed - Case Closed				
Global Id: T0603781670				

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LIQUOR KING	5564 FORT TEJON RD	ESE 0 - 1/8 (0.014 mi.)	A4	26
Database: UST, Date of Government Version: 12/09/2019				
Facility Id: 9586				
Facility Id: LACoFA0011475				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

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

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 01/21/2020 has revealed that there is 1 CERS HAZ WASTE site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LIQUOR KING	***5564 FORT TEJON RD***	***ESE 0 - 1/8 (0.014 mi.)***	***A1***	***9***

Local Lists of Registered Storage Tanks

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LIQUOR KING	***5564 FORT TEJON RD***	***ESE 0 - 1/8 (0.014 mi.)***	***A1***	***9***
Status: A Tank Status: A Comp Number: 9586				

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LIQUOR KING Facility Id: 00000063216	***5564 FORT TEJON RD***	***ESE 0 - 1/8 (0.014 mi.)***	***A1***	***9***
99602	5564 FT TEJON RD	ESE 0 - 1/8 (0.014 mi.)	A3	25

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

A review of the CERS TANKS list, as provided by EDR, and dated 01/21/2020 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LIQUOR KING	***5564 FORT TEJON RD***	***ESE 0 - 1/8 (0.014 mi.)***	***A1***	***9***

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/16/2019 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	5619 E AVENUE T	ESE 0 - 1/8 (0.112 mi.)	6	26

EXECUTIVE SUMMARY

EPA ID:: CAC003025700

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

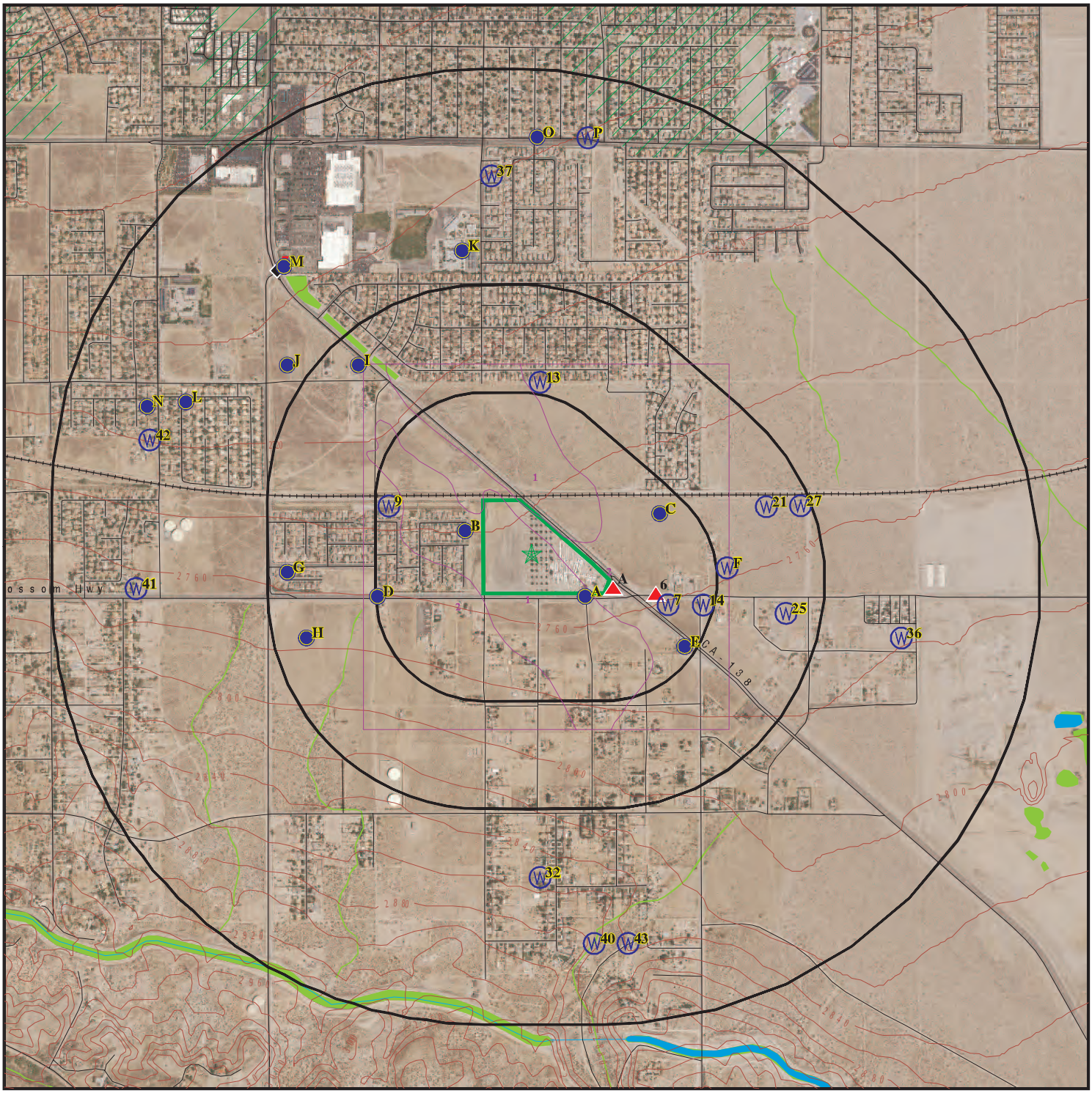
A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GARYS CHEVRON	5564 FORT TEJON RD	ESE 0 - 1/8 (0.014 mi.)	A2	25
THOMAS HARVEY P	5560 PEARBLOSSOM RD	ESE 0 - 1/8 (0.024 mi.)	A5	26

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 6054644.2S



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

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

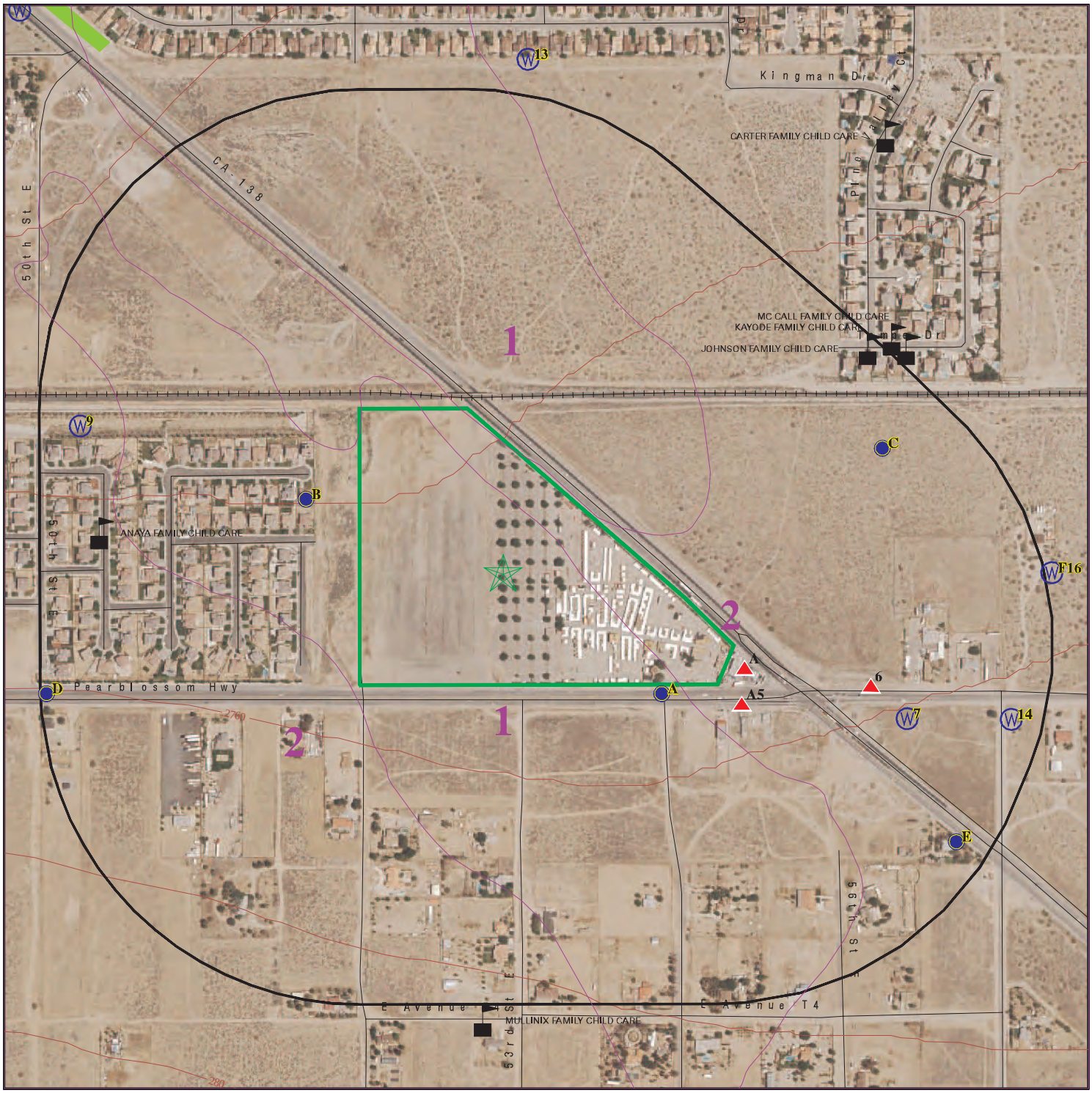
N

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

SITE NAME:	PFJ #1267	CLIENT:	Broadbent & Associates
ADDRESS:	Highway 138/Pearblossom Highway Palmdale CA 93552	CONTACT:	Stephanie Holst
LAT/LONG:	34.544167 / 118.034546	INQUIRY #:	6054644.2s
		DATE:	May 01, 2020 5:43 pm

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DETAIL MAP - 6054644.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

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:	PFJ #1267	CLIENT:	Broadbent & Associates
ADDRESS:	Highway 138/Pearblossom Highway Palmdale CA 93552	CONTACT:	Stephanie Holst
LAT/LONG:	34.544167 / 118.034546	INQUIRY #:	6054644.2s
		DATE:	May 01, 2020 5:44 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	0.001		0	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	1	NR	1
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		1	0	0	NR	NR	1

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		1	0	NR	NR	NR	1
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								
INDIAN VCP	0.500		0	0	0	NR	NR	0
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	0.001		0	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	0.001		0	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	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		1	0	NR	NR	NR	1
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		1	0	NR	NR	NR	1
HIST UST	0.250		2	0	NR	NR	NR	2
CA FID UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		1	0	NR	NR	NR	1
Local Land Records								
LIENS	0.001		0	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	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	0	NR	NR	NR	1
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	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	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	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	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	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	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	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
LOS ANGELES CO. HMS	0.001		0	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	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	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	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
LOS ANGELES CO LF METHANE	0.500		0	0	0	NR	NR	0
HWTS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0

- Totals --		0	10	0	0	1	0	11

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

A1 **LIQUOR KING** **LUST** **U001586962**
ESE **5564 FORT TEJON RD** **CERS HAZ WASTE** **N/A**
< 1/8 **PALMDALE, CA 93552** **SWEEPS UST**
0.014 mi. **HIST UST**
76 ft. **Site 1 of 5 in cluster A** **CERS TANKS**
CHMIRS
Relative: **CERS**
Higher **HWTS**

Actual:
2756 ft.

LUST:

Name:	MOBIL/LIQUOR KING
Address:	5564 FORT TEJON ROAD
City,State,Zip:	PALMDALE, CA 91356
Lead Agency:	LAHONTAN RWQCB (REGION 6T)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603781670
Global Id:	T0603781670
Latitude:	34.543109
Longitude:	-118.031281
Status:	Completed - Case Closed
Status Date:	04/22/2010
Case Worker:	Not reported
RB Case Number:	6B1920012T
Local Agency:	LOS ANGELES COUNTY
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603781670
Contact Type:	Local Agency Caseworker
Contact Name:	GILLIAN MINTIER
Organization Name:	LOS ANGELES COUNTY
Address:	900 SOUTH FREMONT AVE
City:	ALHAMBRA
Email:	gmintier@ladpw.org
Phone Number:	Not reported

Global Id:	T0603781670
Contact Type:	Regional Board Caseworker
Contact Name:	LINDA STONE
Organization Name:	LAHONTAN RWQCB (REGION 6V)
Address:	2501 LAKE TAHOE BLVD
City:	SOUTH LAKE TAHOE
Email:	linda.stone@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0603781670
Action Type:	RESPONSE
Date:	03/05/2005
Action:	Site Assessment Report

Global Id:	T0603781670
Action Type:	ENFORCEMENT
Date:	04/13/2009
Action:	Referral to Regional Board

LIQUOR KING (Continued) **U001586962**

Global Id: T0603781670
Action Type: ENFORCEMENT
Date: 04/22/2010
Action: Closure/No Further Action Letter

Global Id: T0603781670
Action Type: Other
Date: 03/03/2005
Action: Leak Began

Global Id: T0603781670
Action Type: Other
Date: 03/03/2005
Action: Leak Discovery

Global Id: T0603781670
Action Type: REMEDIATION
Date: 10/25/2006
Action: Not reported

Global Id: T0603781670
Action Type: Other
Date: 03/18/2005
Action: Leak Reported

LUST:
Global Id: T0603781670
Status: Open - Case Begin Date
Status Date: 03/03/2005

Global Id: T0603781670
Status: Open - Site Assessment
Status Date: 10/25/2006

Global Id: T0603781670
Status: Open - Referred
Status Date: 04/13/2009

Global Id: T0603781670
Status: Completed - Case Closed
Status Date: 04/22/2010

CERS HAZ WASTE:
Name: LIQUOR KING
Address: 5564 FORT TEJON RD
City,State,Zip: PALMDALE, CA 93552
Site ID: 396638
CERS ID: 10287829
CERS Description: Hazardous Waste Generator

SWEEPS UST:
Name: HAMID REFAI
Address: 5564 FORT TEJON
City: PALMDALE
Status: Active

LIQUOR KING (Continued) **U001586962**

Comp Number: 9586
Number: 9
Board Of Equalization: 44-008458
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009586-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 3

Name: HAMID REFAI
Address: 5564 FORT TEJON
City: PALMDALE
Status: Active
Comp Number: 9586
Number: 9
Board Of Equalization: 44-008458
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009586-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: HAMID REFAI
Address: 5564 FORT TEJON
City: PALMDALE
Status: Active
Comp Number: 9586
Number: 9
Board Of Equalization: 44-008458
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009586-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

LIQUOR KING (Continued) **U001586962**

HIST UST:

Name:	99602
Address:	5564 FORT TEJON RD
City,State,Zip:	PALMDALE, CA 93550
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000063216
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	CRAIG,GARY L
Telephone:	0000000000
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1956
Tank Capacity:	00007500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1956
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1956
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000170
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	1956
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	0000100
Leak Detection:	Stock Inventor

CERS TANKS:

Name:	LIQUOR KING
Address:	5564 FORT TEJON RD

LIQUOR KING (Continued) **U001586962**

City,State,Zip: PALMDALE, CA 93552
Site ID: 396638
CERS ID: 10287829
CERS Description: Underground Storage Tank

CHMIRS:
Name: Not reported
Address: 5564 FORT TEJON RD
City,State,Zip: PALMDALE, CA 90509
OES Incident Number: 7-0197
OES notification: 01/15/1997
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Facility Telephone: Not reported
Waterway Involved: Yes
Waterway: STORM DRAIN
Spill Site: Not reported
Cleanup By: Not reported
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 1997
Agency: MOBIL OIL
Incident Date: 1/14/199712:00:00 AM
Admin Agency: L. A. County Fire Prevention
Amount: Not reported
Contained: Yes
Site Type: Service Station
E Date: Not reported
Substance: GASOLINE

LIQUOR KING (Continued) **U001586962**

Gallons:	50
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	DURING DELIVERY PRODUCT ESCAPED

CERS:

Name:	MOBIL/LIQUOR KING
Address:	5564 FORT TEJON ROAD
City,State,Zip:	PALMDALE, CA 91356
Site ID:	223846
CERS ID:	T0603781670
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	GILLIAN MINTIER - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 SOUTH FREMONT AVE
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	LINDA STONE - LAHONTAN RWQCB (REGION 6V)
Entity Title:	Not reported
Affiliation Address:	2501 LAKE TAHOE BLVD
Affiliation City:	SOUTH LAKE TAHOE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Name:	LIQUOR KING
Address:	5564 FORT TEJON RD
City,State,Zip:	PALMDALE, CA 93552
Site ID:	396638
CERS ID:	10287829
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	396638

LIQUOR KING (Continued) **U001586962**

Site Name:	LIQUOR KING
Violation Date:	05-24-2017
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements:Monitor at least hourly.Be capable of detecting a release of 3.0 gallons per hour at 10 p.s.i.g. Restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 02/06/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	396638
Site Name:	LIQUOR KING
Violation Date:	05-19-2015
Citation:	23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description:	The owner/operator has failed to designate an UST operator or to inform the CUPA or any change in the designated UST operator(s) within 30 days after a change.
Violation Notes:	Returned to compliance on 07/16/2015.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	396638
Site Name:	LIQUOR KING
Violation Date:	05-19-2015
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to submit, obtain approval, or maintain a complete/accurate response plan.
Violation Notes:	Returned to compliance on 07/16/2015.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	396638
Site Name:	LIQUOR KING
Violation Date:	05-19-2015
Citation:	23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Description:	Failure to submit, obtain approval, or maintain a complete/accurate plot plan.
Violation Notes:	Returned to compliance on 07/16/2015.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	396638
Site Name:	LIQUOR KING
Violation Date:	06-02-2016
Citation:	23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637
Violation Description:	Failure to conduct secondary containment testing, or one or more of

LIQUOR KING (Continued) **U001586962**

	the following requirements: Perform the test within six months of installation and every 36 months thereafter.Use a procedure that demonstrates the system works as well as at installation.Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval.Performed by a certified service technician or a licensed tank tester.
Violation Notes:	Returned to compliance on 05/23/2017.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	396638
Site Name:	LIQUOR KING
Violation Date:	06-02-2016
Citation:	23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i)
Violation Description:	Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes:	Returned to compliance on 05/23/2017.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	396638
Site Name:	LIQUOR KING
Violation Date:	05-19-2015
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to maintain on site an approved monitoring plan.
Violation Notes:	Returned to compliance on 07/16/2015.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	396638
Site Name:	LIQUOR KING
Violation Date:	06-02-2016
Citation:	HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description:	Failure to test the spill bucket annually.
Violation Notes:	Returned to compliance on 05/23/2017.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	396638
Site Name:	LIQUOR KING
Violation Date:	05-22-2018
Citation:	23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description:	Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.
Violation Notes:	Returned to compliance on 10/18/2018.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST

LIQUOR KING (Continued) **U001586962**

Violation Source: CERS

Site ID: 396638
Site Name: LIQUOR KING
Violation Date: 05-22-2018
Citation: 23 CCR 16 2632(d)(1)(c),2641(h),2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(c),2641(h),2711(a)(8)
Violation Description: Failure to submit or maintain a current facility plot plan.
Violation Notes: Returned to compliance on 10/18/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 396638
Site Name: LIQUOR KING
Violation Date: 06-02-2016
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: Returned to compliance on 05/23/2017.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 396638
Site Name: LIQUOR KING
Violation Date: 05-24-2017
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: Returned to compliance on 02/06/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 396638
Site Name: LIQUOR KING
Violation Date: 05-22-2018
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to have current UST Monitoring Plan available on site.
Violation Notes: Returned to compliance on 10/18/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 396638
Site Name: LIQUOR KING
Violation Date: 05-22-2018
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 10/18/2018.

LIQUOR KING (Continued) **U001586962**

Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 396638
Site Name: LIQUOR KING
Violation Date: 05-22-2018
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 10/18/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 396638
Site Name: LIQUOR KING
Violation Date: 05-24-2017
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description: Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.
Violation Notes: Returned to compliance on 02/06/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 396638
Site Name: LIQUOR KING
Violation Date: 05-24-2017
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description: Failure to notify the CUPA of the designated operator (DO) identification and/or change of the DO within 30 days.
Violation Notes: Returned to compliance on 02/06/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 396638
Site Name: LIQUOR KING
Violation Date: 05-22-2018
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes: Returned to compliance on 10/18/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 396638
Site Name: LIQUOR KING
Violation Date: 05-19-2015

LIQUOR KING (Continued) **U001586962**

Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description: Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.
Violation Notes: Returned to compliance on 07/16/2015.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 396638
Site Name: LIQUOR KING
Violation Date: 05-24-2017
Citation: HSC 6.7 25299(a)(9) - California Health and Safety Code, Chapter 6.7, Section(s) 25299(a)(9)
Violation Description: Leak detection equipment disabled or tampered with in a manner that would prevent the monitoring system from detecting and/or alerting the owner/operator of a leak.
Violation Notes: Returned to compliance on 02/06/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 396638
Site Name: LIQUOR KING
Violation Date: 05-19-2015
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 07/16/2015.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 396638
Site Name: LIQUOR KING
Violation Date: 05-29-2019
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1,- 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October- 1,- 2018, perform an inspection

LIQUOR KING (Continued) **U001586962**

at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.

Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 396638
Site Name: LIQUOR KING
Violation Date: 05-24-2017
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 02/06/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-02-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: MON.CERT&SCTR ARE PAST DUE./MUT SUBMIT TEST RESULT WITHIN 7 DAYS FRO M THE DATE OF 060216
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-19-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: MISSING CURRENT FRCT,OSDO,LTMP. NO UST INFORMATION/DOCUMENTATION HAS BEEN SUBMITTED TO CERS. UST/DISPENSER SUMPS DRY WITH SENSORS IN PLAC
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-22-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: CERS CORRECTION REQUIRED;VR208 SENSORS IN ALL STP SUMPS NOT POSITION ED CORRECTLY;91 LLD FAILED,TECH REPLACED WITH LD2000 AND CERTIFIED.
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-24-2017
Violations Found: Yes

LIQUOR KING (Continued) **U001586962**

Eval Type:	Routine done by local agency
Eval Notes:	INTERFERRING MLLDS ON MANIFOLDED PIPING.91 ANN WIRE SHORT(6").CERS NOT ACCEPTED.BOTH 87 T-SUMP SENSORS ON WRONG SIDE OF SUMPS.
Eval Division:	Los Angeles County Department of Public Works
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-29-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	MISSING CURRENT OVERFILL PREVENTION EQUIPMENT INSPECTION RESULTS. UST RECORDS ARE AVAILABLE AT THE SITE. LEAK DETECTION EQUIPMENT INST
Eval Division:	Los Angeles County Department of Public Works
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-13-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Sophana Chea No hazardous waste violations observed.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-13-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Sophana Chea No hazardous materials violations observed.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Enforcement Action:

Site ID:	396638
Site Name:	LIQUOR KING
Site Address:	5564 FORT TEJON RD
Site City:	PALMDALE
Site Zip:	93552
Enf Action Date:	01-09-2018
Enf Action Type:	Referral to Other
Enf Action Description:	Referral to Other
Enf Action Notes:	Not reported
Enf Action Division:	Los Angeles County Department of Public Works
Enf Action Program:	UNSPEC
Enf Action Source:	CERS

Coordinates:

Site ID:	396638
Facility Name:	LIQUOR KING
Env Int Type Code:	HMBP
Program ID:	10287829
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.

LIQUOR KING (Continued) **U001586962**

Latitude: 34.543040
Longitude: -118.031290

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: NATHAN J. CISEK
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: LIQUOR KING
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: EMRITH W AND SIV H NGOR TRUST
Entity Title: Not reported
Affiliation Address: P.O. Box 2496
Affiliation City: Lancaster
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93539
Affiliation Phone: (661) 533-1629

Affiliation Type Desc: UST Permit Applicant
Entity Name: Annie Ngor
Entity Title: Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (661) 533-1626

Affiliation Type Desc: UST Property Owner Name
Entity Name: EMRITH W AND SIV H NGOR TRUST
Entity Title: Not reported
Affiliation Address: P.O. Box 2496
Affiliation City: Lancaster
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93539
Affiliation Phone: (661) 533-1629

Affiliation Type Desc: UST Tank Owner
Entity Name: Emrith Ngor
Entity Title: Not reported

LIQUOR KING (Continued) **U001586962**

Affiliation Address:	5564 Fort Tejon Road
Affiliation City:	Palmdale
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93552
Affiliation Phone:	(661) 533-1626
Affiliation Type Desc:	Environmental Contact
Entity Name:	Annie Ngor
Entity Title:	Not reported
Affiliation Address:	P.O. Box 2496
Affiliation City:	Lancaster
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93539
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	5564 FORT TEJON RD
Affiliation City:	PALMDALE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93552
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Liquor King Inc.
Entity Title:	Not reported
Affiliation Address:	5564 FORT TEJON RD
Affiliation City:	PALMDALE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93552
Affiliation Phone:	(661) 533-1626
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4045
Affiliation Type Desc:	Identification Signer
Entity Name:	ANNIE NGOR
Entity Title:	Operator/Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

LIQUOR KING (Continued) **U001586962**

Affiliation Type Desc:	Operator
Entity Name:	Emrith Ngor
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(661) 533-1629

Affiliation Type Desc:	UST Tank Operator
Entity Name:	Emrith Ngor
Entity Title:	Not reported
Affiliation Address:	5564 Fort Tejon Road
Affiliation City:	Palmdale
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93552
Affiliation Phone:	(661) 533-1626

HWTS:

Name:	LIQUOR KING
Address:	5564 FORT TEJON RD
Address 2:	Not reported
City,State,Zip:	PALMDALE, CA 935525902
EPA ID:	CAL000332050
Inactive Date:	06/30/2012
Create Date:	04/25/2008
Last Act Date:	04/02/2013
Mailing Name:	Not reported
Mailing Address:	5564 FORT TEJON RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	PALMDALE, CA 935525902
Owner Name:	LIQUOR KING INC
Owner Address:	PO BOX 2496
Owner Address 2:	Not reported
Owner City,State,Zip:	LANCASTER, CA 935392496
Contact Name:	EMRITH NGOO
Contact Address:	5564 FORT TEJON RD
Contact Address 2:	Not reported
City,State,Zip:	PALMDALE, CA 935525902

NAICS:

EPA ID:	CAL000332050
Create Date:	2008-04-25 09:04:01
NAICS Code:	44719
NAICS Description:	Other Gasoline Stations
Issued EPA ID Date:	2008-04-25 09:04:01
Inactive Date:	2012-06-30 00:00:00
Facility Name:	LIQUOR KING
Facility Address:	5564 FORT TEJON RD
Facility Address 2:	Not reported
Facility City:	PALMDALE
Facility County:	19
Facility State:	CA
Facility Zip:	935525902

A2 **GARYS CHEVRON** **EDR Hist Auto** **1020823364**
ESE **5564 FORT TEJON RD** **N/A**
< 1/8 **PALMDALE, CA 93552**
0.014 mi.
76 ft. **Site 2 of 5 in cluster A**

Relative: EDR Hist Auto
Higher

Actual:
2756 ft.

Year:	Name:	Type:
1969	PARADISO JOE	Gasoline Service Stations
1970	PARADISO JOE	Gasoline Service Stations
1971	PARADISO JOE	Gasoline Service Stations
1972	PARADISO JOE	Gasoline Service Stations
1974	JOHNSON GARY B	Gasoline Service Stations
1975	JOHNSON GARY B	Gasoline Service Stations
1976	JOHNSON GARY B	Gasoline Service Stations
1977	JOHNSON GARY B	Gasoline Service Stations
1978	JOHNSON GARY B	Gasoline Service Stations
1979	JOHNSON GARY B	Gasoline Service Stations
1980	JOHNSON GARY B	Gasoline Service Stations
1982	FOUR POINT CHEVRON	Gasoline Service Stations
1982	JOHNSON GARY B	Gasoline Service Stations
1983	JOHNSON GARY B	Gasoline Service Stations
1983	FOUR POINT CHEVRON	Gasoline Service Stations
1985	CRAIG GARY CHEVRON	Gasoline Service Stations
1986	CRAIG GARY CHEVRON	Gasoline Service Stations
2001	GARYS CHEVRON	Gasoline Service Stations, NEC
2002	GARYS CHEVRON	Gasoline Service Stations, NEC
2003	GARYS CHEVRON	Gasoline Service Stations, NEC
2004	GARYS CHEVRON	Gasoline Service Stations, NEC
2005	GARYS CHEVRON	Gasoline Service Stations, NEC

A3 **99602** **HIST UST** **S118407163**
ESE **5564 FT TEJON RD** **N/A**
< 1/8 **PALMDALE, CA 93550**
0.014 mi.
76 ft. **Site 3 of 5 in cluster A**

Relative: HIST UST:
Higher

Actual:
2756 ft.

Name:	99602
Address:	5564 FT TEJON RD
City,State,Zip:	PALMDALE, CA 93550
File Number:	00026EE8
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026EE8.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported

99602 (Continued) **S118407163**

Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

A4 **LIQUOR KING** **UST** **U003776340**
ESE **5564 FORT TEJON RD** **N/A**
< 1/8 **PALMDALE, CA 93552**
0.014 mi.
76 ft. **Site 4 of 5 in cluster A**

Relative: Higher
Actual: 2756 ft.

UST:
Name: LIQUOR KING
Address: 5564 FORT TEJON RD
City,State,Zip: PALMDALE, CA 93552
Facility ID: LACoFA0011475
Permitting Agency: Los Angeles County Fire Department
Latitude: 34.54304
Longitude: -118.03129

Name: HAMID REFAI MOBIL
Address: 5564 FORT TEJON RD
City,State,Zip: PALMDALE, CA 93552
Facility ID: 9586
Permitting Agency: LOS ANGELES COUNTY
Latitude: 34.54417
Longitude: -118.03228

A5 **THOMAS HARVEY P** **EDR Hist Auto** **1021141176**
ESE **5560 PEARBLOSSOM RD** **N/A**
< 1/8 **PALMDALE, CA 93550**
0.024 mi.
127 ft. **Site 5 of 5 in cluster A**

Relative: Higher
Actual: 2758 ft.

EDR Hist Auto

Year:	Name:	Type:
1969	THOMAS HARVEY P	Gasoline Service Stations
1970	THOMAS HARVEY P	Gasoline Service Stations
1971	THOMAS HARVEY P	Gasoline Service Stations
1972	THOMAS HARVEY P	Gasoline Service Stations

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6 **RCRA NonGen / NLR** **1025846036**
ESE **5619 E AVENUE T** **CAC003025700**
< 1/8 **PALMDALE, CA 93552**
0.112 mi.
590 ft.

Relative: Higher
Actual: 2759 ft.

RCRA NonGen / NLR:
Date form received by agency: 2019-07-24 00:00:00.0
Facility name: Not reported
Facility address: 5619 E AVENUE T
PALMDALE, CA 93552
EPA ID: CAC003025700

(Continued) **1025846036**

Mailing address: 5333 DAVIDSON HWY
CONCORD, NC 28027-8478
Contact: TODD WENTZ
Contact address: 3145 AVALON RIDGE SUITE 300
PEACHTREE CORNERS, GA 30071-5717
Contact country: Not reported
Contact telephone: 678-287-5453
Contact email: TWENTZ@CUSTARD.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: TODD WENTZ
Owner/operator address: 3145 AVALON RIDGE SUITE 300
PEACHTREE CORNERS, GA 30071
Owner/operator country: Not reported
Owner/operator telephone: 678-287-5453
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CARDINAL LOGISTICS MANAGEMENT
Owner/operator address: 5333 DAVIDSON HWY
CONCORD, NC 28027
Owner/operator country: Not reported
Owner/operator telephone: 678-287-5453
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

(Continued) **1025846036**

Violation Status: No violations found

7
NW
1/2-1
0.716 mi.
3778 ft.

MOUNTAIN VALLEY RANCH **ENVIROSTOR** **S109548363**
47TH STREET EAST & FORT TEJON ROAD (STATE ROUTE 138) **VCP** **N/A**
PALMDALE, CA 93552

Relative:
Lower

Actual:
2696 ft.

ENVIROSTOR:

Name:	MOUNTAIN VALLEY RANCH
Address:	47TH STREET EAST & FORT TEJON ROAD (STATE ROUTE 138)
City,State,Zip:	PALMDALE, CA 93552
Facility ID:	60001064
Status:	No Further Action
Status Date:	04/23/2009
Site Code:	301406
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	44
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Chand Sultana
Supervisor:	Rita Kamat
Division Branch:	Cleanup Chatsworth
Assembly:	36
Senate:	21
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	34.55375
Longitude:	-118.0449
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ORCHARD
Potential COC:	Lead
Confirmed COC:	Lead
Potential Description:	SOIL
Alias Name:	301406
Alias Type:	Project Code (Site Code)
Alias Name:	60001064
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	04/10/2009
Comments:	DTSC signed the contract.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	04/23/2009
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported

MOUNTAIN VALLEY RANCH (Continued) **S109548363**

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

VCP:
Name: MOUNTAIN VALLEY RANCH
Address: 47TH STREET EAST & FORT TEJON ROAD (STATE ROUTE 138)
City,State,Zip: PALMDALE, CA 93552
Facility ID: 60001064
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 44
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Chand Sultana
Supervisor: Rita Kamat
Division Branch: Cleanup Chatsworth
Site Code: 301406
Assembly: 36
Senate: 21
Special Programs Code: Voluntary Cleanup Program
Status: No Further Action
Status Date: 04/23/2009
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 34.55375 / -118.0449
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ORCHARD
Potential COC: 30013
Confirmed COC: 30013
Potential Description: SOIL
Alias Name: 301406
Alias Type: Project Code (Site Code)
Alias Name: 60001064
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 04/10/2009
Comments: DTSC signed the contract.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/23/2009
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported

MOUNTAIN VALLEY RANCH (Continued) **S109548363**

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: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: N/A
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/13/2020
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: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: N/A
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/13/2020
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: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: N/A
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 07/13/2020
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: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
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: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
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: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
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: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
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: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
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: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
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: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
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: 11/04/2019
Date Data Arrived at EDR: 11/13/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 76

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/10/2020
Next Scheduled EDR Contact: 05/25/2020
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: 11/22/2019
Date Data Arrived at EDR: 11/22/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/20/2020
Next Scheduled EDR Contact: 06/08/2020
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: 11/22/2019
Date Data Arrived at EDR: 11/22/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/20/2020
Next Scheduled EDR Contact: 06/08/2020
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: 12/16/2019
Date Data Arrived at EDR: 12/19/2019
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 78

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

Date of Government Version: 01/27/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
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: 01/27/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 02/10/2020
Date Data Arrived at EDR: 02/11/2020
Date Made Active in Reports: 04/20/2020
Number of Days to Update: 69

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/11/2020
Next Scheduled EDR Contact: 05/25/2020
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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

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

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

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

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

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

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

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

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

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

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

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

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

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

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

LUST REG 1: Active Toxic Site Investigation

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

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

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

LUST REG 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: Leaking Underground Fuel Tank Report (GEOTRACKER)

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

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 66

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 72

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/10/2019
Date Data Arrived at EDR: 12/05/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 67

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

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

Date of Government Version: 10/15/2019
Date Data Arrived at EDR: 12/17/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

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

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/02/2020
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: 10/04/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

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

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
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: 08/27/2019
Date Data Arrived at EDR: 08/28/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 75

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 03/19/2020
Next Scheduled EDR Contact: 07/20/2020
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: 12/06/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/25/2020
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 03/11/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/21/2020
Number of Days to Update: 73

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Semi-Annually

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: 03/12/2020
Next Scheduled EDR Contact: 06/29/2020
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/10/2019
Date Data Arrived at EDR: 12/05/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 67

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 72

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/04/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 85

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 01/27/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

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: 03/18/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 12/18/2019
Date Data Arrived at EDR: 12/19/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 62

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 12/02/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/17/2020
Next Scheduled EDR Contact: 06/29/2020
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: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 71

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/15/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/23/2020
Number of Days to Update: 69

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/07/2020
Next Scheduled EDR Contact: 05/25/2020
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
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: 01/31/2020
Next Scheduled EDR Contact: 05/11/2020
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
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: 01/27/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
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: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/20/2020
Next Scheduled EDR Contact: 07/20/2020
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: 01/21/2020
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 70

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
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: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
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: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

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

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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/19/2019
Date Data Arrived at EDR: 12/23/2019
Date Made Active in Reports: 02/21/2020
Number of Days to Update: 60

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

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

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

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

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/11/2019
Number of Days to Update: 70

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
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: 01/21/2020
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 70

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
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: 12/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
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: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/13/2020
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: 12/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 03/03/2020
Next Scheduled EDR Contact: 06/15/2020
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: 12/05/2019
Date Data Arrived at EDR: 12/06/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 70

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
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: 12/24/2019
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 03/30/2020
Number of Days to Update: 68

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

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

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 66

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

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

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
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: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
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: 11/12/2019
Date Data Arrived at EDR: 11/19/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 70

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/19/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 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: 04/06/2020
Next Scheduled EDR Contact: 07/20/2020
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: 02/13/2020
Next Scheduled EDR Contact: 05/25/2020
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: 12/16/2019
Date Data Arrived at EDR: 12/19/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
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: 02/03/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

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

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/07/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

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

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/20/2020
Next Scheduled EDR Contact: 06/29/2020
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: 02/05/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 79

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/05/2020
Next Scheduled EDR Contact: 06/01/2020
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: 05/01/2019
Date Data Arrived at EDR: 10/23/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 84

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
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: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 06/15/2020
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: 11/05/2019
Date Data Arrived at EDR: 11/20/2019
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 149

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/15/2020
Next Scheduled EDR Contact: 08/03/2020
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: 01/30/2020
Date Data Arrived at EDR: 02/06/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 8

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 05/18/2020
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: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
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: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Quarterly

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: 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: 10/25/2019
Date Data Arrived at EDR: 10/25/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 82

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 03/06/2020
Next Scheduled EDR Contact: 06/15/2020
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: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
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: 02/07/2020
Next Scheduled EDR Contact: 05/18/2020
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: 07/01/2019
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

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

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

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

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 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: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/17/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 49

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

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

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

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

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

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

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

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/17/2020
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: 02/21/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

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

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

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

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

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

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

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

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

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

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 12/03/2019
Date Data Arrived at EDR: 12/03/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 56

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 03/02/2020
Next Scheduled EDR Contact: 06/15/2020
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: 11/06/2019
Date Data Arrived at EDR: 11/25/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 64

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/25/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/28/2020
Next Scheduled EDR Contact: 06/08/2020
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: 02/28/2020
Next Scheduled EDR Contact: 06/08/2020
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: 12/09/2019
Date Data Arrived at EDR: 12/11/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 78

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/05/2020
Next Scheduled EDR Contact: 06/22/2020
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: 11/22/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 03/02/2020
Number of Days to Update: 89

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/03/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
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: 01/05/2020
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 59
Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/07/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/18/2019
Date Data Arrived at EDR: 11/19/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 70
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/19/2020
Next Scheduled EDR Contact: 06/01/2020
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: 12/18/2019
Date Data Arrived at EDR: 12/20/2019
Date Made Active in Reports: 02/20/2020
Number of Days to Update: 62
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 02/03/2020
Date Data Arrived at EDR: 02/04/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 65
Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 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: 02/14/2020
Next Scheduled EDR Contact: 05/25/2020
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: 01/31/2020
Date Data Arrived at EDR: 01/31/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 69

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: Varies

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

Date of Government Version: 12/04/2019
Date Data Arrived at EDR: 01/29/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 71

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
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: 12/02/2019
Date Data Arrived at EDR: 12/03/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 63

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/24/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 59

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/20/2020
Next Scheduled EDR Contact: 06/29/2020
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: 04/03/2020
Date Data Arrived at EDR: 04/07/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 8

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/23/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/19/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 05/29/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 54

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/15/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 65

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 02/19/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 65

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/19/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 01/06/2020
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/05/2020
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/24/2020
Number of Days to Update: 76
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
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: 11/22/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/03/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 02/10/2020
Date Data Arrived at EDR: 02/11/2020
Date Made Active in Reports: 04/20/2020
Number of Days to Update: 69
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/11/2020
Next Scheduled EDR Contact: 05/25/2020
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: 12/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 03/03/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 71
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
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: 12/11/2019
Date Data Arrived at EDR: 12/12/2019
Date Made Active in Reports: 02/21/2020
Number of Days to Update: 71
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/12/2020
Next Scheduled EDR Contact: 06/29/2020
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: 12/06/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 71
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
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: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
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: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
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: 03/18/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
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: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
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: 12/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 03/03/2020
Next Scheduled EDR Contact: 06/15/2020
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: 01/21/2020
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 70

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
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: 02/28/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
The Hazardous Waste Tracking System (HWTS) is the Department of Toxic Substances Control?s data repository for hazardous waste Identification (ID) numbers and manifest information. HWTS generates reports on hazardous waste shipments for generators, transporters, and TSDFs.

Date of Government Version: 10/15/2019
Date Data Arrived at EDR: 11/14/2019
Date Made Active in Reports: 02/07/2020
Number of Days to Update: 85
Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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

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

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

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

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

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

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

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 01/06/2020
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 59

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/20/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 09/06/2019
Date Data Arrived at EDR: 09/10/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 51

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
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: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 12/02/2019
Date Data Arrived at EDR: 12/03/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 63

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/18/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 04/06/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/14/2020
Date Data Arrived at EDR: 02/18/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 66

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 12/27/2019
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/03/2020
Date Made Active in Reports: 03/05/2020
Number of Days to Update: 62

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/15/2020
Next Scheduled EDR Contact: 08/09/2020
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: 10/08/2019
Date Data Arrived at EDR: 10/10/2019
Date Made Active in Reports: 12/11/2019
Number of Days to Update: 62

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/31/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/13/2019
Date Data Arrived at EDR: 11/14/2019
Date Made Active in Reports: 01/23/2020
Number of Days to Update: 70

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/23/2020
Date Made Active in Reports: 03/30/2020
Number of Days to Update: 67

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/13/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 01/31/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/14/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 70

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/13/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List

Cupa facility list

Date of Government Version: 01/15/2020
Date Data Arrived at EDR: 01/16/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 76

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/13/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List

Cupa facility list

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 01/31/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 69

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 03/12/2020
Next Scheduled EDR Contact: 06/29/2020
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/15/2020
Date Data Arrived at EDR: 01/16/2020
Date Made Active in Reports: 02/07/2020
Number of Days to Update: 22

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/13/2020
Date Data Arrived at EDR: 01/14/2020
Date Made Active in Reports: 03/24/2020
Number of Days to Update: 70

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/14/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
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: 03/27/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 04/17/2020
Next Scheduled EDR Contact: 07/27/2020
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: 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: 03/27/2020
Next Scheduled EDR Contact: 07/06/2020
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: 03/27/2020
Next Scheduled EDR Contact: 07/06/2020
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: 12/31/2019
Date Data Arrived at EDR: 01/14/2020
Date Made Active in Reports: 03/24/2020
Number of Days to Update: 70
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/14/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
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: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
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: 06/27/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 64
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
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: 11/18/2019
Date Data Arrived at EDR: 11/20/2019
Date Made Active in Reports: 01/27/2020
Number of Days to Update: 68
Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
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: 03/20/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/18/2019
Date Data Arrived at EDR: 11/20/2019
Date Made Active in Reports: 01/03/2020
Number of Days to Update: 44

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/13/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 11/20/2019
Date Data Arrived at EDR: 12/02/2019
Date Made Active in Reports: 02/07/2020
Number of Days to Update: 67

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 11/06/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 62

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 04/13/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
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: 03/05/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/05/2020
Date Data Arrived at EDR: 02/06/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 69

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/03/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/03/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 02/04/2020
Date Made Active in Reports: 04/10/2020
Number of Days to Update: 66

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/04/2020
Next Scheduled EDR Contact: 05/18/2020
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: 12/02/2019
Date Data Arrived at EDR: 12/03/2019
Date Made Active in Reports: 02/07/2020
Number of Days to Update: 66

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/17/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 12/13/2019
Number of Days to Update: 52
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 02/10/2020
Next Scheduled EDR Contact: 06/29/2020
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/17/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 01/03/2020
Number of Days to Update: 73
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 02/10/2020
Next Scheduled EDR Contact: 06/29/2020
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/14/2019
Date Data Arrived at EDR: 12/23/2019
Date Made Active in Reports: 02/20/2020
Number of Days to Update: 59
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/31/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/14/2019
Date Data Arrived at EDR: 12/23/2019
Date Made Active in Reports: 02/21/2020
Number of Days to Update: 60
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/31/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 02/12/2020
Date Data Arrived at EDR: 02/13/2020
Date Made Active in Reports: 04/23/2020
Number of Days to Update: 70
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
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: 11/26/2019
Date Data Arrived at EDR: 11/27/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 69

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
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: 12/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 03/03/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
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: 12/26/2019
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 70

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
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: 01/08/2020
Date Data Arrived at EDR: 01/09/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 57

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/12/2020
Next Scheduled EDR Contact: 06/29/2020
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
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: 02/20/2020
Next Scheduled EDR Contact: 06/22/2020
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: 03/05/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 02/14/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 65

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 10/30/2019
Date Data Arrived at EDR: 11/01/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 68

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
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: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/11/2019
Date Made Active in Reports: 02/21/2020
Number of Days to Update: 72

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 02/25/2020
Date Data Arrived at EDR: 02/26/2020
Date Made Active in Reports: 03/11/2020
Number of Days to Update: 14

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/18/2020
Next Scheduled EDR Contact: 07/06/2020
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: 01/02/2020
Date Data Arrived at EDR: 01/03/2020
Date Made Active in Reports: 03/05/2020
Number of Days to Update: 62

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 04/06/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/04/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 12/02/2019
Date Data Arrived at EDR: 12/03/2019
Date Made Active in Reports: 02/07/2020
Number of Days to Update: 66

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 03/17/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/23/2020
Date Made Active in Reports: 03/30/2020
Number of Days to Update: 67

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 02/10/2020
Date Data Arrived at EDR: 02/11/2020
Date Made Active in Reports: 04/20/2020
Number of Days to Update: 69

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
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: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

VENTURA COUNTY:

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

Date of Government Version: 12/26/2019
Date Data Arrived at EDR: 01/24/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 68
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/20/2020
Next Scheduled EDR Contact: 08/03/2020
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: 03/20/2020
Next Scheduled EDR Contact: 07/13/2020
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: 04/29/2020
Next Scheduled EDR Contact: 08/24/2020
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: 12/26/2019
Date Data Arrived at EDR: 01/24/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 68
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/20/2020
Next Scheduled EDR Contact: 08/03/2020
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: 11/26/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/21/2020
Number of Days to Update: 73
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/12/2019
Date Data Arrived at EDR: 01/15/2020
Date Made Active in Reports: 03/25/2020
Number of Days to Update: 70
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/20/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 01/27/2020
Date Data Arrived at EDR: 02/12/2020
Date Made Active in Reports: 04/23/2020
Number of Days to Update: 71

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
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: 01/30/2020
Date Data Arrived at EDR: 01/30/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 39

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 01/30/2020
Next Scheduled EDR Contact: 05/25/2020
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/10/2020
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: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 12/10/2019
Number of Days to Update: 69

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/18/2020
Next Scheduled EDR Contact: 06/01/2020
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: 03/09/2020
Next Scheduled EDR Contact: 06/22/2020
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

PFJ #1267
HIGHWAY 138/PEARBLOSSOM HIGHWAY
PALMDALE, CA 93552

TARGET PROPERTY COORDINATES

Latitude (North):	34.544167 - 34° 32' 39.00''
Longitude (West):	118.034546 - 118° 2' 4.37''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	405071.4
UTM Y (Meters):	3822784.8
Elevation:	2745 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5630797 PALMDALE, 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).

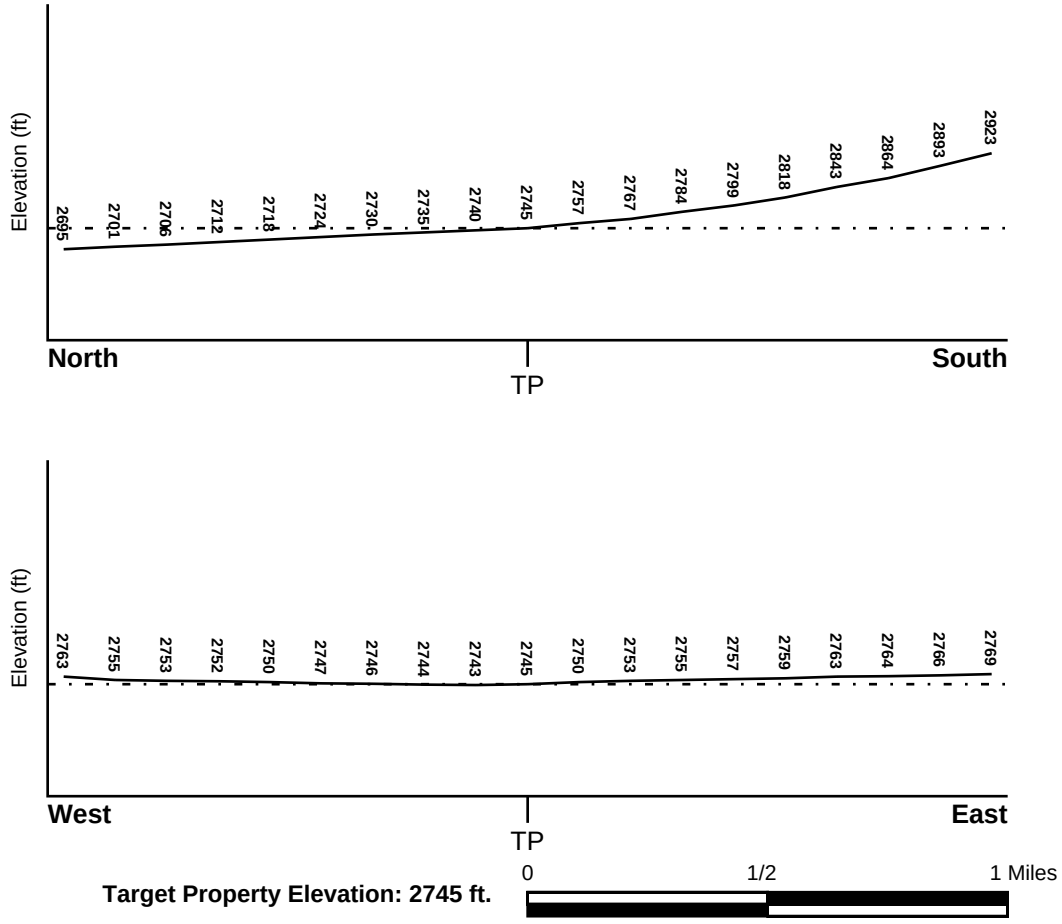
TOPOGRAPHIC INFORMATION

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 NNW

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
06037C0700F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06037C0694F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

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

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

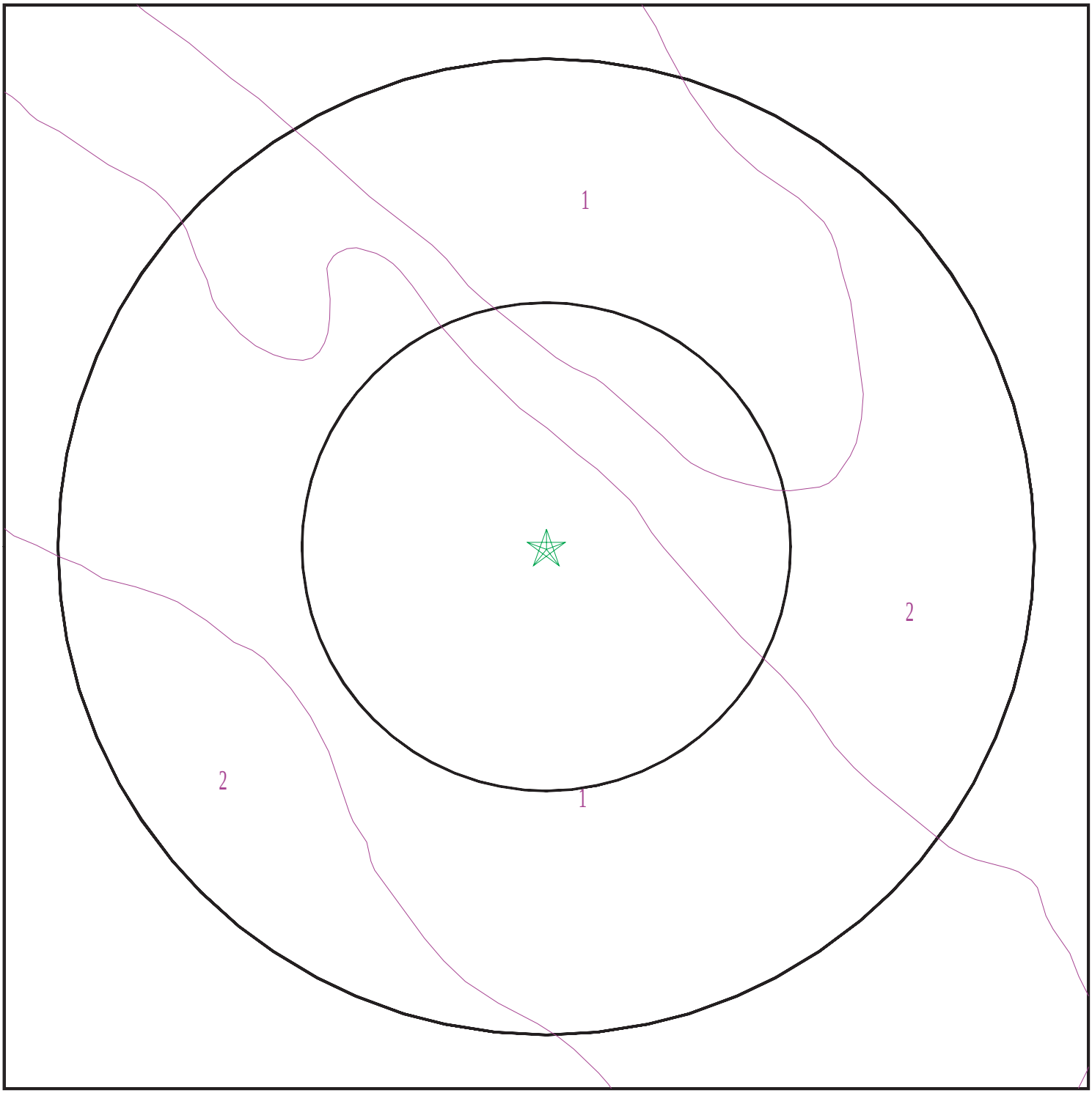
Era:	Cenozoic
System:	Tertiary
Series:	Pliocene
Code:	Tpc *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Continental Deposits

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

SSURGO SOIL MAP - 6054644.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	PFJ #1267	CLIENT:	Broadbent & Associates
ADDRESS:	Highway 138/Pearblossom Highway Palmdale CA 93552	CONTACT:	Stephanie Holst
LAT/LONG:	34.544167 / 118.034546	INQUIRY #:	6054644.2s
		DATE:	May 01, 2020 5:44 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: 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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Cajon

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

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	9 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, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
2	9 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4

LOCAL / REGIONAL WATER AGENCY RECORDS

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B2	USGS40000146896	1/8 - 1/4 Mile WNW
B3	USGS40000146897	1/8 - 1/4 Mile WNW
A4	USGS40000146856	1/8 - 1/4 Mile ESE
C8	USGS40000146907	1/4 - 1/2 Mile ENE
9	USGS40000146916	1/4 - 1/2 Mile WNW
D10	USGS40000146857	1/4 - 1/2 Mile WSW
14	USGS40000146851	1/4 - 1/2 Mile ESE
E15	USGS40000146840	1/4 - 1/2 Mile ESE
F16	USGS40000146883	1/4 - 1/2 Mile East
E17	USGS40000146839	1/4 - 1/2 Mile ESE
F18	USGS40000146864	1/4 - 1/2 Mile East
G19	USGS40000146869	1/2 - 1 Mile West
H20	USGS40000146842	1/2 - 1 Mile WSW
I23	USGS40000146963	1/2 - 1 Mile NW
27	USGS40000146915	1/2 - 1 Mile East
J28	USGS40000146964	1/2 - 1 Mile NW
K29	USGS40000147014	1/2 - 1 Mile North
L33	USGS40000146955	1/2 - 1 Mile WNW
M34	USGS40000147009	1/2 - 1 Mile NW
L35	USGS40000146951	1/2 - 1 Mile WNW
36	USGS40000146841	1/2 - 1 Mile ESE
37	USGS40000147045	1/2 - 1 Mile North
41	USGS40000146861	1/2 - 1 Mile West
42	USGS40000146945	1/2 - 1 Mile WNW
43	USGS40000146703	1/2 - 1 Mile SSE
P46	USGS40000147058	1/2 - 1 Mile North
N47	USGS40000146952	1/2 - 1 Mile WNW
O49	USGS40000147069	1/2 - 1 Mile North
P50	USGS40000147084	1/2 - 1 Mile North

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

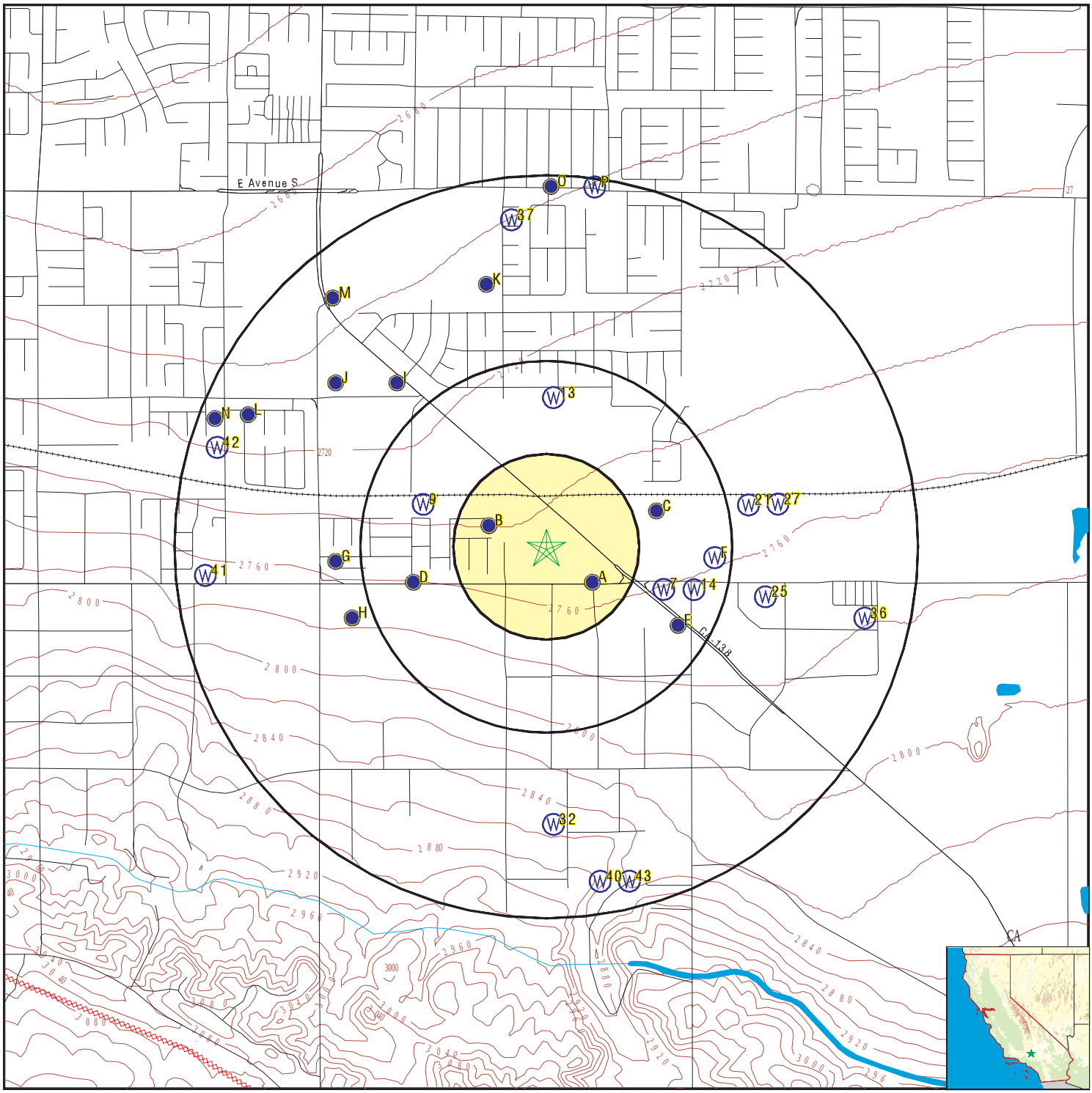
MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CADWR8000010059	1/8 - 1/4 Mile SE
B5	CADWR8000010090	1/8 - 1/4 Mile WNW
C6	CADWR8000010097	1/4 - 1/2 Mile ENE
7	CADWR8000010055	1/4 - 1/2 Mile ESE
D11	CADWR8000010060	1/4 - 1/2 Mile WSW
E12	CADWR8000010051	1/4 - 1/2 Mile ESE
13	5655	1/4 - 1/2 Mile North
21	CADWR8000010104	1/2 - 1 Mile ENE
H22	CADWR8000010052	1/2 - 1 Mile WSW
G24	CADWR8000010066	1/2 - 1 Mile West
25	5659	1/2 - 1 Mile ESE
I26	CADWR8000010139	1/2 - 1 Mile NW
K30	CADWR8000010172	1/2 - 1 Mile NNW
J31	CADWR8000010140	1/2 - 1 Mile NW
32	5658	1/2 - 1 Mile South
M38	CADWR8000010168	1/2 - 1 Mile NW
L39	CADWR8000010134	1/2 - 1 Mile WNW
40	CADWR8000009977	1/2 - 1 Mile South
N44	CADWR8000010130	1/2 - 1 Mile WNW
O45	CADWR8000010205	1/2 - 1 Mile North
O48	CADWR8000010213	1/2 - 1 Mile North

PHYSICAL SETTING SOURCE MAP - 6054644.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	PFJ #1267	CLIENT:	Broadbent & Associates
ADDRESS:	Highway 138/Pearblossom Highway Palmdale CA 93552	CONTACT:	Stephanie Holst
		INQUIRY #:	6054644.2s
LAT/LONG:	34.544167 / 118.034546	DATE:	May 01, 2020 5:44 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
SE
1/8 - 1/4 Mile
Higher

CA WELLS **CADWR8000010059**

State Well #:	05N11W04R002S	Station ID:	27698
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Antelope Valley	Well Completion Rpt #:	Not Reported

---

B2
WNW
1/8 - 1/4 Mile
Lower

FED USGS **USGS40000146896**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W04P002S	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:	385
Well Depth Units:	ft	Well Hole Depth:	385
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	35	Level reading date:	2001-04-02
Feet below surface:	174	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	2001-03-05	Feet below surface:	176
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-02	Feet below surface:	179
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-04	Feet below surface:	180
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-02	Feet below surface:	164.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-01	Feet below surface:	164.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-12	Feet below surface:	164.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-11	Feet below surface:	164.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-10	Feet below surface:	167.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-09	Feet below surface:	167.00
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1977-07	Feet below surface:	165.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-06-15	Feet below surface:	165.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-05	Feet below surface:	165.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-04	Feet below surface:	165.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-03	Feet below surface:	166.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-02	Feet below surface:	166.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-12	Feet below surface:	166.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-11	Feet below surface:	166.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-10	Feet below surface:	166.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-09	Feet below surface:	165.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-12	Feet below surface:	156.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-10	Feet below surface:	158.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-06	Feet below surface:	157.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-05	Feet below surface:	157.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-03	Feet below surface:	157.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-02	Feet below surface:	157.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-01	Feet below surface:	158.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-12	Feet below surface:	159.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-11	Feet below surface:	164.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-10	Feet below surface:	159.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-09	Feet below surface:	160.00
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1973-06	Feet below surface:	161.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-05	Feet below surface:	160.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963-12-03	Feet below surface:	193.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963-12-01	Feet below surface:	193.00
Feet to sea level:	Not Reported	Note:	Not Reported

B3
WNW **FED USGS** **USGS40000146897**
1/8 - 1/4 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W04P003S	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		

A4
ESE **FED USGS** **USGS40000146856**
1/8 - 1/4 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W04R002S	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:	19491124	Well Depth:	290
Well Depth Units:	ft	Well Hole Depth:	300
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	29	Level reading date:	1988-03-29
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The well was destroyed (no water level is recorded).		
Level reading date:	1987-02-25	Feet below surface:	156.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1986-02-26	Feet below surface:	155.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1985-03-27	Feet below surface:	154.92
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1984-03-06	Feet below surface:	157.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1983-04-12	Feet below surface:	159.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-02-09	Feet below surface:	162.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-04-15	Feet below surface:	164.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-03-26	Feet below surface:	182.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-03-23	Feet below surface:	167.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-03-28	Feet below surface:	166.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-03-07	Feet below surface:	166.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-02-24	Feet below surface:	163.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-02-19	Feet below surface:	163.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-02-14	Feet below surface:	163.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-02-13	Feet below surface:	164.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-03-13	Feet below surface:	167.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-10-26	Feet below surface:	169.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-03-18	Feet below surface:	169.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-10-22	Feet below surface:	171.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-03-17	Feet below surface:	174.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-04-14	Feet below surface:	173.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-03-11	Feet below surface:	174.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1967-11-01	Feet below surface:	175.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1967-03-14	Feet below surface:	175.29
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1963-12-10	Feet below surface:	169.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1952-11-17	Feet below surface:	159.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1951-12-11	Feet below surface:	154.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1949-11-23	Feet below surface:	147.75
Feet to sea level:	Not Reported	Note:	Not Reported

B5
WNW
1/8 - 1/4 Mile
Lower

CA WELLS **CADWR8000010090**

State Well #:	05N11W04P002S	Station ID:	4699
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Antelope Valley	Well Completion Rpt #:	Not Reported

---

C6
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR8000010097**

State Well #:	05N11W04R001S	Station ID:	4700
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Antelope Valley	Well Completion Rpt #:	Not Reported

---

7
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR8000010055**

State Well #:	05N11W09A001S	Station ID:	4710
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Antelope Valley	Well Completion Rpt #:	Not Reported

---

C8
ENE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000146907**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W04R001S	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:	1916	Well Depth:	375
Well Depth Units:	ft	Well Hole Depth:	375
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	12	Level reading date:	1949-11-18
Feet below surface:	144.10	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1948-12-14	Feet below surface:	150.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1947-12-03	Feet below surface:	146.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1946-12-03	Feet below surface:	142.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1945-11-05	Feet below surface:	140.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1945-03-16	Feet below surface:	145.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-05-09	Feet below surface:	154.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-12-16	Feet below surface:	152.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-11-21	Feet below surface:	151.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-02-13	Feet below surface:	148.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-11-26	Feet below surface:	149.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-09-13	Feet below surface:	153.40
Feet to sea level:	Not Reported	Note:	Not Reported

9
WNW **FED USGS** **USGS40000146916**
1/4 - 1/2 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W04P001S	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:	378
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	18	Level reading date:	1945-03-07

Feet below surface:	155.18	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1943-03-26	Feet below surface:	157.18
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1943-02-19	Feet below surface:	153.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-01-30	Feet below surface:	153.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-11-27	Feet below surface:	153.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-06-27	Feet below surface:	159.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-05-29	Feet below surface:	157.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-04-24	Feet below surface:	155.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-03-28	Feet below surface:	151.40
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1942-02-13	Feet below surface:	145.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-01-31	Feet below surface:	144.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-12-01	Feet below surface:	145.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-11-28	Feet below surface:	145.83
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-05-30	Feet below surface:	147.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-04-09	Feet below surface:	144.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-01-31	Feet below surface:	145.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-12-08	Feet below surface:	147.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-09-13	Feet below surface:	153.35
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D10
WSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000146857**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W09C001S	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:	19460801	Well Depth:	250
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-12-10
Feet below surface:	199.93	Feet to sea level:	Not Reported
Note:	Not Reported		

D11
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR8000010060**

State Well #:	05N11W09C001S	Station ID:	4713
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Antelope Valley	Well Completion Rpt #:	Not Reported

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E12
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR8000010051**

State Well #:	05N11W09A003S	Station ID:	4712
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Antelope Valley	Well Completion Rpt #:	Not Reported

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13
North
1/4 - 1/2 Mile
Lower

CA WELLS **5655**

Seq:	5655	Prim sta c:	05N/11W-04P01 S
Frds no:	1910102021	County:	19
District:	07	User id:	4TH
System no:	1910102	Water type:	G
Source nam:	WELL 21	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	343300.0	Longitude:	1180200.0
Precision:	8	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:	1910102	System nam:	Palmdale Water Dist.
Hqname:	Not Reported	Address:	2005 E. AVE. Q
City:	PALMDALE	State:	CA
Zip:	93550	Zip ext:	Not Reported
Pop serv:	70000	Connection:	23081
Area serve:	PALMDALE		
Sample date:	11-OCT-17	Finding:	1.53
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-OCT-17	Finding:	11.8
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	11-OCT-17	Finding:	37.7
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	11-OCT-17	Finding:	0.195
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	11-OCT-17	Finding:	1.53
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JUL-17	Finding:	1.74
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JUL-17	Finding:	11.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-17	Finding:	34.7
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-JUL-17	Finding:	0.193
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	12-JUL-17	Finding:	1.74
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-17	Finding:	0.133
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-APR-17	Finding:	24.9
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-APR-17	Finding:	8.64
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		

Sample date:	05-APR-17	Finding:	1.09
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-17	Finding:	1.09
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-JAN-17	Finding:	0.207
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	11-JAN-17	Finding:	29.1
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	11-JAN-17	Finding:	10.4
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	11-JAN-17	Finding:	2.26
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-JAN-17	Finding:	2.26
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-OCT-16	Finding:	12.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	05-OCT-16	Finding:	37.9
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-OCT-16	Finding:	0.182
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-OCT-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-OCT-16	Finding:	1.4
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUL-16	Finding:	1.41
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUL-16	Finding:	12.4
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	13-JUL-16	Finding:	0.18
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	13-JUL-16	Finding:	38.9
Chemical:	SULFATE	Report units:	MG/L

Dlr:	0.5		
Sample date:	13-JUL-16	Finding:	1.41
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-APR-16	Finding:	45.2
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	06-APR-16	Finding:	0.171
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	06-APR-16	Finding:	1.31
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-APR-16	Finding:	12.1
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	06-APR-16	Finding:	1.31
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-JAN-16	Finding:	8.6e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	21-JAN-16	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	1.5
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-JAN-16	Finding:	0.7
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	9.1
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	21-JAN-16	Finding:	0.2
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	21-JAN-16	Finding:	44.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	21-JAN-16	Finding:	14.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	2.3
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	21-JAN-16	Finding:	21.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	7.8
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	43.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	140.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-JAN-16	Finding:	140.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	110.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	380.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	260.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-JAN-16	Finding:	0.183
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-JAN-16	Finding:	38.7
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-JAN-16	Finding:	12.8
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	05-JAN-16	Finding:	1.42
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-JAN-16	Finding:	1.42
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-OCT-15	Finding:	13.6
Chemical:	CHLORIDE	Report units:	MG/L

Dlr:	0.		
Sample date:	21-OCT-15	Finding:	44.8
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	21-OCT-15	Finding:	0.2
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	21-OCT-15	Finding:	5.96
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-OCT-15	Finding:	1349.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUL-15	Finding:	11.5
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUL-15	Finding:	40.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-JUL-15	Finding:	0.173
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	01-JUL-15	Finding:	5.84
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-JUL-15	Finding:	1322.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-APR-15	Finding:	6.14
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-APR-15	Finding:	0.167
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	01-APR-15	Finding:	44.7
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-APR-15	Finding:	11.4
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	01-APR-15	Finding:	1389.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-JAN-15	Finding:	5.65
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	07-JAN-15	Finding:	0.17
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	07-JAN-15	Finding:	37.6
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	07-JAN-15	Finding:	11.3
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JAN-15	Finding:	1279.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-NOV-14	Finding:	0.43
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	05-NOV-14	Finding:	0.8
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	11.4
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	1310.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-OCT-14	Finding:	5.79
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-OCT-14	Finding:	0.176
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	01-OCT-14	Finding:	38.5
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-JUL-14	Finding:	11.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUL-14	Finding:	38.6
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-JUL-14	Finding:	1288.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUL-14	Finding:	5.69
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-JUL-14	Finding:	0.171
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L

Dlr:	0.1		
Sample date:	02-APR-14	Finding:	11.3
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	02-APR-14	Finding:	40.2
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	02-APR-14	Finding:	0.19
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	02-APR-14	Finding:	8.86
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-APR-14	Finding:	2005.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-JAN-14	Finding:	8.53
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JAN-14	Finding:	0.205
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	08-JAN-14	Finding:	44.1
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-JAN-14	Finding:	13.2
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JAN-14	Finding:	1929.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-OCT-13	Finding:	10.7
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	02-OCT-13	Finding:	39.4
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	02-OCT-13	Finding:	0.189
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	02-OCT-13	Finding:	8.96
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-OCT-13	Finding:	2027.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	01-JUL-13	Finding:	11.1
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUL-13	Finding:	40.4
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-JUL-13	Finding:	0.207
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	01-JUL-13	Finding:	8.93
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-JUL-13	Finding:	2021.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-APR-13	Finding:	7.83
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-APR-13	Finding:	0.18
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	01-APR-13	Finding:	44.8
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-APR-13	Finding:	15.4
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	01-APR-13	Finding:	1771.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-JAN-13	Finding:	21.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JAN-13	Finding:	1100.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-JAN-13	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	29-JAN-13	Finding:	7.3e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	29-JAN-13	Finding:	3600.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	29-JAN-13	Finding:	4.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	29-JAN-13	Finding:	0.56
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	29-JAN-13	Finding:	230.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JAN-13	Finding:	0.17
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	29-JAN-13	Finding:	38.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	29-JAN-13	Finding:	9.4
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JAN-13	Finding:	2.2
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JAN-13	Finding:	7.7
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JAN-13	Finding:	40.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JAN-13	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JAN-13	Finding:	140.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JAN-13	Finding:	120.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JAN-13	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	29-JAN-13	Finding:	360.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-JAN-13	Finding:	10.3
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JAN-13	Finding:	1539.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	09-JAN-13	Finding:	6.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-JAN-13	Finding:	0.159
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	09-JAN-13	Finding:	39.1
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	07-NOV-12	Finding:	10.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	07-NOV-12	Finding:	40.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	07-NOV-12	Finding:	5.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-NOV-12	Finding:	1200.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-JUL-12	Finding:	10.2
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	11-JUL-12	Finding:	1510.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-JUL-12	Finding:	6.67
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-JUL-12	Finding:	0.171
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	11-JUL-12	Finding:	38.9
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	03-APR-12	Finding:	1279.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-APR-12	Finding:	0.168
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	03-APR-12	Finding:	39.5
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	03-APR-12	Finding:	10.8
Chemical:	CHLORIDE	Report units:	MG/L

Dlr:	0.		
Sample date:	03-APR-12	Finding:	5.65
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JAN-12	Finding:	10.9
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	04-JAN-12	Finding:	5.83
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JAN-12	Finding:	0.215
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	04-JAN-12	Finding:	41.1
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-JAN-12	Finding:	1319.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

14
ESE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000146851**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W09A001S	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:	350
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	3	Level reading date:	1963-12-09
Feet below surface:	170.26	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1941-11-26	Feet below surface:	151.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-09-13	Feet below surface:	154.80
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E15
ESE **FED USGS** **USGS40000146840**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W09A002S	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:	1963-12-09
Feet below surface:	174.41	Feet to sea level:	Not Reported
Note:	Not Reported		

F16
East **FED USGS** **USGS40000146883**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W03N002S	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		

E17
ESE **FED USGS** **USGS40000146839**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W09A003S	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:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	500
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	40	Level reading date:	2001-03-05
Feet below surface:	219	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2000-10-02	Feet below surface:	228
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-04	Feet below surface:	224
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-01	Feet below surface:	195.00
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1977-12	Feet below surface:	204.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-11	Feet below surface:	195.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-10	Feet below surface:	206.00
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1977-09-08	Feet below surface:	177.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-09	Feet below surface:	177.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-08	Feet below surface:	176.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-07	Feet below surface:	176.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-06-15	Feet below surface:	206.00
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1977-05-18	Feet below surface:	171.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-04-12	Feet below surface:	195.00
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1977-03-15	Feet below surface:	222.00
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1977-02	Feet below surface:	195.00
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1977-01	Feet below surface:	192.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-12	Feet below surface:	171.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-11	Feet below surface:	199.00
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1976-10	Feet below surface:	176.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-09	Feet below surface:	167.00

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-06-29	Feet below surface:	175.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-12	Feet below surface:	174.00
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1974-10	Feet below surface:	166.00
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1974-09	Feet below surface:	179.00
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1974-06	Feet below surface:	180.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-05	Feet below surface:	181.00
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1974-03	Feet below surface:	164.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-02	Feet below surface:	164.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-01	Feet below surface:	164.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-12	Feet below surface:	165.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-11	Feet below surface:	166.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-10	Feet below surface:	183.00
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1973-09	Feet below surface:	183.00
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1973-06	Feet below surface:	190.00
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1973-05	Feet below surface:	164.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-04	Feet below surface:	164.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963-12-10	Feet below surface:	174.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963-12-01	Feet below surface:	175.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963-02	Feet below surface:	175
Feet to sea level:	Not Reported		
Note:	Other conditions existed that would affect the measured water level.		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F18
East
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000146864**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W03N001S	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:	1963-12-03
Feet below surface:	166.84	Feet to sea level:	Not Reported
Note:	Not Reported		

G19
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000146869**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W04N001S	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:	19460110	Well Depth:	400
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1946-01-10
Feet below surface:	183.00	Feet to sea level:	Not Reported
Note:	Not Reported		

H20
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000146842**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W09D001S	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:	19460101	Well Depth:	300

Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-12-10
Feet below surface:	224.05	Feet to sea level:	Not Reported
Note:	Not Reported		

21
ENE
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000010104**

State Well #:	05N11W03N003S	Station ID:	4695
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Antelope Valley	Well Completion Rpt #:	Not Reported

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H22
WSW
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000010052**

State Well #:	05N11W09D001S	Station ID:	4714
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Antelope Valley	Well Completion Rpt #:	Not Reported

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I23
NW
1/2 - 1 Mile
Lower

FED USGS **USGS40000146963**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W04E003S	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:	4	Level reading date:	1963-12-04
Feet below surface:	164.96	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1952-11-28	Feet below surface:	164.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1951-12-11	Feet below surface:	160.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1949-11-15	Feet below surface:	150.70

Feet to sea level:	Not Reported	Note:	Not Reported

G24
West
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000010066**

State Well #:	05N11W04N001S	Station ID:	4698
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Antelope Valley	Well Completion Rpt #:	Not Reported

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25
ESE
1/2 - 1 Mile
Higher

CA WELLS **5659**

Seq:	5659	Prim sta c:	05N/11W-10D01 S
Frds no:	1900941001	County:	19
District:	49	User id:	19C
System no:	1900941	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	343232.0	Longitude:	1180124.0
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:	1900941	System nam:	Joshua View 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		

I26
NW
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000010139**

State Well #:	05N11W04E003S	Station ID:	4697
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Antelope Valley	Well Completion Rpt #:	Not Reported

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27
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000146915**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W03N003S	Type:	Well
Description:	DWR LOG CALLS THIS N1,BUT HISTORIC USGS N1,2 EXIST		
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:	19910730	Well Depth:	500
Well Depth Units:	ft	Well Hole Depth:	820
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	5	Level reading date:	2001-04-02
Feet below surface:	178	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2001-03-05	Feet below surface:	173
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-02	Feet below surface:	191
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-04	Feet below surface:	195
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-04	Feet below surface:	190
Feet to sea level:	Not Reported	Note:	Not Reported

J28
NW
1/2 - 1 Mile
Lower

FED USGS **USGS40000146964**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W04E004S	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:	1963-12-04
Feet below surface:	173.93	Feet to sea level:	Not Reported
Note:	Not Reported		

K29
North
1/2 - 1 Mile
Lower

FED USGS **USGS40000147014**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W04E002S	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:	400

Well Depth Units:	ft	Well Hole Depth:	400
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	6	Level reading date:	1963-12-03
Feet below surface:	149.84	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1955-05-26	Feet below surface:	165.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1951-05-10	Feet below surface:	154.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-05-09	Feet below surface:	139.10
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1943-11-29	Feet below surface:	137.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-11-26	Feet below surface:	138.85
Feet to sea level:	Not Reported	Note:	Not Reported

K30
NNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000010172**

State Well #:	05N11W04E002S	Station ID:	27695
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Antelope Valley	Well Completion Rpt #:	Not Reported

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J31
NW
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000010140**

State Well #:	05N11W04E004S	Station ID:	27696
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Antelope Valley	Well Completion Rpt #:	Not Reported

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32
South
1/2 - 1 Mile
Higher

CA WELLS **5658**

Seq:	5658	Prim sta c:	05N/11W-09A02 S
Frds no:	1910102020	County:	19
District:	07	User id:	4TH
System no:	1910102	Water type:	G
Source nam:	WELL 20	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	343200.0	Longitude:	1180200.0
Precision:	8	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:	1910102	System nam:	Palmdale Water Dist.
Hqname:	Not Reported	Address:	2005 E. AVE. Q
City:	PALMDALE	State:	CA
Zip:	93550	Zip ext:	Not Reported
Pop serv:	70000	Connection:	23081
Area serve:	PALMDALE		

L33
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000146955**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W05J001S	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:	1951	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:	1963-12-04
Feet below surface:	175.62	Feet to sea level:	Not Reported
Note:	Not Reported		

M34
NW
1/2 - 1 Mile
Lower

FED USGS **USGS40000147009**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W04E001S	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:	19280101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	400
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	45	Level reading date:	1978-05-05
Feet below surface:	166.60	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1977-11-04	Feet below surface:	166.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-11-08	Feet below surface:	164.00
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1976-05-13	Feet below surface:	161.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-10-22	Feet below surface:	159.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-11-12	Feet below surface:	157.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-11-12	Feet below surface:	158.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-01-16	Feet below surface:	157.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-11-15	Feet below surface:	159.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-11-06	Feet below surface:	159.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-11-13	Feet below surface:	175.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-04-08	Feet below surface:	168.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1967-11-15	Feet below surface:	157.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1966-12-13	Feet below surface:	156.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1965-11-02	Feet below surface:	157.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1964-12-01	Feet below surface:	154.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963-12-04	Feet below surface:	165.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1962-04-10	Feet below surface:	173.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1961-11-24	Feet below surface:	156.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1961-10-16	Feet below surface:	157.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1960-11-28	Feet below surface:	155.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1960-03-09	Feet below surface:	158.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1959-11-10	Feet below surface:	156.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1959-10-26	Feet below surface:	156.70
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1959-03-19	Feet below surface:	155.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-11-25	Feet below surface:	169.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-11-14	Feet below surface:	158.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1957-10-31	Feet below surface:	159.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1957-03-13	Feet below surface:	159.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1956-03-12	Feet below surface:	162.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1955-10-26	Feet below surface:	166.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1955-05-17	Feet below surface:	172.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1955-03-18	Feet below surface:	172.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1954-11-08	Feet below surface:	172.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1954-08-20	Feet below surface:	175.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1954-06-18	Feet below surface:	243.00
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1953-11-27	Feet below surface:	172.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1952-11-17	Feet below surface:	172.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1951-05-02	Feet below surface:	179.00
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1950-12-13	Feet below surface:	167.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1949-11-18	Feet below surface:	150.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1948-12-14	Feet below surface:	149.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-11-30	Feet below surface:	144.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-12-04	Feet below surface:	143.20
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1941-11-26	Feet below surface:	141.80

Feet to sea level:	Not Reported	Note:	Not Reported

L35
WNW **FED USGS** **USGS40000146951**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W05J002S	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:	1963-12-04
Feet below surface:	172.24	Feet to sea level:	Not Reported
Note:	Not Reported		

36
ESE **FED USGS** **USGS40000146841**
1/2 - 1 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W10C001S	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		

37
North **FED USGS** **USGS40000147045**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W04C001S	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		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M38
NW
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000010168**

State Well #:	05N11W04E001S	Station ID:	4696
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Antelope Valley	Well Completion Rpt #:	Not Reported

---

L39
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000010134**

State Well #:	05N11W05J001S	Station ID:	4704
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Antelope Valley	Well Completion Rpt #:	Not Reported

---

40
South
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000009977**

State Well #:	05N11W09R001S	Station ID:	4717
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Antelope Valley	Well Completion Rpt #:	Not Reported

---

41
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000146861**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W05Q001S	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:	19440101	Well Depth:	305
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	3	Level reading date:	1963-12-10
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The site was dry (no water level recorded).		

Level reading date:	1952-11-17	Feet below surface:	237.8
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1949-05	Feet below surface:	255.00
Feet to sea level:	Not Reported	Note:	Not Reported

42
WNW **FED USGS** **USGS40000146945**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W05K002S	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		

43
SSE **FED USGS** **USGS40000146703**
1/2 - 1 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W09R001S	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:	9	Level reading date:	1946-12-03
Feet below surface:	32.95	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1945-11-05	Feet below surface:	32.60
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1945-03-07	Feet below surface:	32.85
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1944-05-15	Feet below surface:	41.50
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1943-12-16	Feet below surface:	43.45
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1942-11-27	Feet below surface:	40.93
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1941-12-02	Feet below surface:	48.74
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1941-04-19	Feet below surface:	51.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-09-12	Feet below surface:	52.10
Feet to sea level:	Not Reported	Note:	Not Reported

N44
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000010130**

State Well #:	05N11W05J002S	Station ID:	27701
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Antelope Valley	Well Completion Rpt #:	Not Reported

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O45
North
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000010205**

State Well #:	06N11W34P002S	Station ID:	28377
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Antelope Valley	Well Completion Rpt #:	Not Reported

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P46
North
1/2 - 1 Mile
Lower

FED USGS **USGS40000147058**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N011W34P002S	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:	19740101	Well Depth:	400
Well Depth Units:	ft	Well Hole Depth:	422
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	17	Level reading date:	1978-01
Feet below surface:	198	Feet to sea level:	Not Reported
Note:	The site was being pumped.		
Level reading date:	1977-12	Feet below surface:	204
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1977-11	Feet below surface:	200
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1977-10	Feet below surface:	193
Feet to sea level:	Not Reported	Note:	The site was being pumped.

Level reading date:	1977-09	Feet below surface:	189
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1977-08	Feet below surface:	185
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1977-07	Feet below surface:	186
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1977-06-15	Feet below surface:	165
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-05-18	Feet below surface:	198
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1977-04-12	Feet below surface:	174
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1977-03-15	Feet below surface:	138
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-02	Feet below surface:	158
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-01	Feet below surface:	204
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1976-12	Feet below surface:	179
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-11	Feet below surface:	200
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-10	Feet below surface:	195
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1976-09	Feet below surface:	188
Feet to sea level:	Not Reported	Note:	The site was being pumped.

N47
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000146952**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N011W05K001S	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:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-12-04
Feet below surface:	180.77	Feet to sea level:	Not Reported
Note:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O48
North
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000010213**

State Well #:	06N11W34P001S	Station ID:	7255
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Antelope Valley	Well Completion Rpt #:	Not Reported

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O49
North
1/2 - 1 Mile
Lower

FED USGS **USGS40000147069**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N011W34P001S	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:	500
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-11-14
Feet below surface:	152.30	Feet to sea level:	Not Reported
Note:	Not Reported		

P50
North
1/2 - 1 Mile
Lower

FED USGS **USGS40000147084**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N011W34Q001S	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:	19740305	Well Depth:	400
Well Depth Units:	ft	Well Hole Depth:	422
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	4	Level reading date:	2001-04-02
Feet below surface:	117	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2001-03-05	Feet below surface:	128
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2000-10-02	Feet below surface:	128
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-04	Feet below surface:	81
Feet to sea level:	Not Reported	Note:	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
93552	5	0

Federal EPA Radon Zone for LOS ANGELES County: 2

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

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

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

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

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

GEOLOGIC INFORMATION

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

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

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

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

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

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

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

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

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: 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

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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

OTHER

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

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

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

STREET AND ADDRESS INFORMATION

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PFJ #1267
Highway 138/Pearblossom Highway
Palmdale, CA 93552

Inquiry Number: 6054644.2s
May 01, 2020

EDR Summary Radius Map Report

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

HIGHWAY 138/PEARBLOSSOM HIGHWAY
PALMDALE, CA 93552

COORDINATES

Latitude (North):	34.5441670 - 34° 32' 39.00''
Longitude (West):	118.0345460 - 118° 2' 4.36''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	405071.4
UTM Y (Meters):	3822784.8
Elevation:	2745 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	TP
Source:	U.S. Geological Survey

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140515
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
HIGHWAY 138/PEARBLOSSOM HIGHWAY
PALMDALE, CA 93552

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	LIQUOR KING	5564 FORT TEJON RD	LUST, CERS HAZ WASTE, SWEEPS UST, HIST UST, CERS...	Higher	76, 0.014, ESE
A2	GARYS CHEVRON	5564 FORT TEJON RD	EDR Hist Auto	Higher	76, 0.014, ESE
A3	99602	5564 FT TEJON RD	HIST UST	Higher	76, 0.014, ESE
A4	LIQUOR KING	5564 FORT TEJON RD	UST	Higher	76, 0.014, ESE
A5	THOMAS HARVEY P	5560 PEARBLOSSOM RD	EDR Hist Auto	Higher	127, 0.024, ESE
6		5619 E AVENUE T	RCRA NonGen / NLR	Higher	590, 0.112, ESE
7	MOUNTAIN VALLEY RANC	47TH STREET EAST & F	ENVIROSTOR, VCP	Lower	3778, 0.716, NW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

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: A review of the ENVIROSTOR list, as provided by EDR, and dated 01/27/2020 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MOUNTAIN VALLEY RANC	***47TH STREET EAST & F***	***NW 1/2 - 1 (0.716 mi.)***	***7***	***10***
Facility Id: 60001064				
Status: No Further Action				

State and tribal leaking storage tank lists

LUST: A review of the LUST list, as provided by EDR, has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LIQUOR KING	***5564 FORT TEJON RD***	***ESE 0 - 1/8 (0.014 mi.)***	***A1***	***9***
Database: LUST, Date of Government Version: 12/09/2019				
Status: Completed - Case Closed				
Global Id: T0603781670				

State and tribal registered storage tank lists

UST: A review of the UST list, as provided by EDR, has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LIQUOR KING Database: UST, Date of Government Version: 12/09/2019 Facility Id: 9586 Facility Id: LACoFA0011475	5564 FORT TEJON RD	ESE 0 - 1/8 (0.014 mi.)	A4	9

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: A review of the CERS HAZ WASTE list, as provided by EDR, and dated 01/21/2020 has revealed that there is 1 CERS HAZ WASTE site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LIQUOR KING	***5564 FORT TEJON RD***	***ESE 0 - 1/8 (0.014 mi.)***	***A1***	***9***

Local Lists of Registered Storage Tanks

SWEEPS UST: A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LIQUOR KING Status: A Tank Status: A Comp Number: 9586	***5564 FORT TEJON RD***	***ESE 0 - 1/8 (0.014 mi.)***	***A1***	***9***

HIST UST: A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LIQUOR KING Facility Id: 00000063216	***5564 FORT TEJON RD***	***ESE 0 - 1/8 (0.014 mi.)***	***A1***	***9***
99602	5564 FT TEJON RD	ESE 0 - 1/8 (0.014 mi.)	A3	9

CERS TANKS: A review of the CERS TANKS list, as provided by EDR, and dated 01/21/2020 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LIQUOR KING	***5564 FORT TEJON RD***	***ESE 0 - 1/8 (0.014 mi.)***	***A1***	***9***

Other Ascertainable Records

RCRA NonGen / NLR: A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/16/2019 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported EPA ID:: CAC003025700	5619 E AVENUE T	ESE 0 - 1/8 (0.112 mi.)	6	10

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

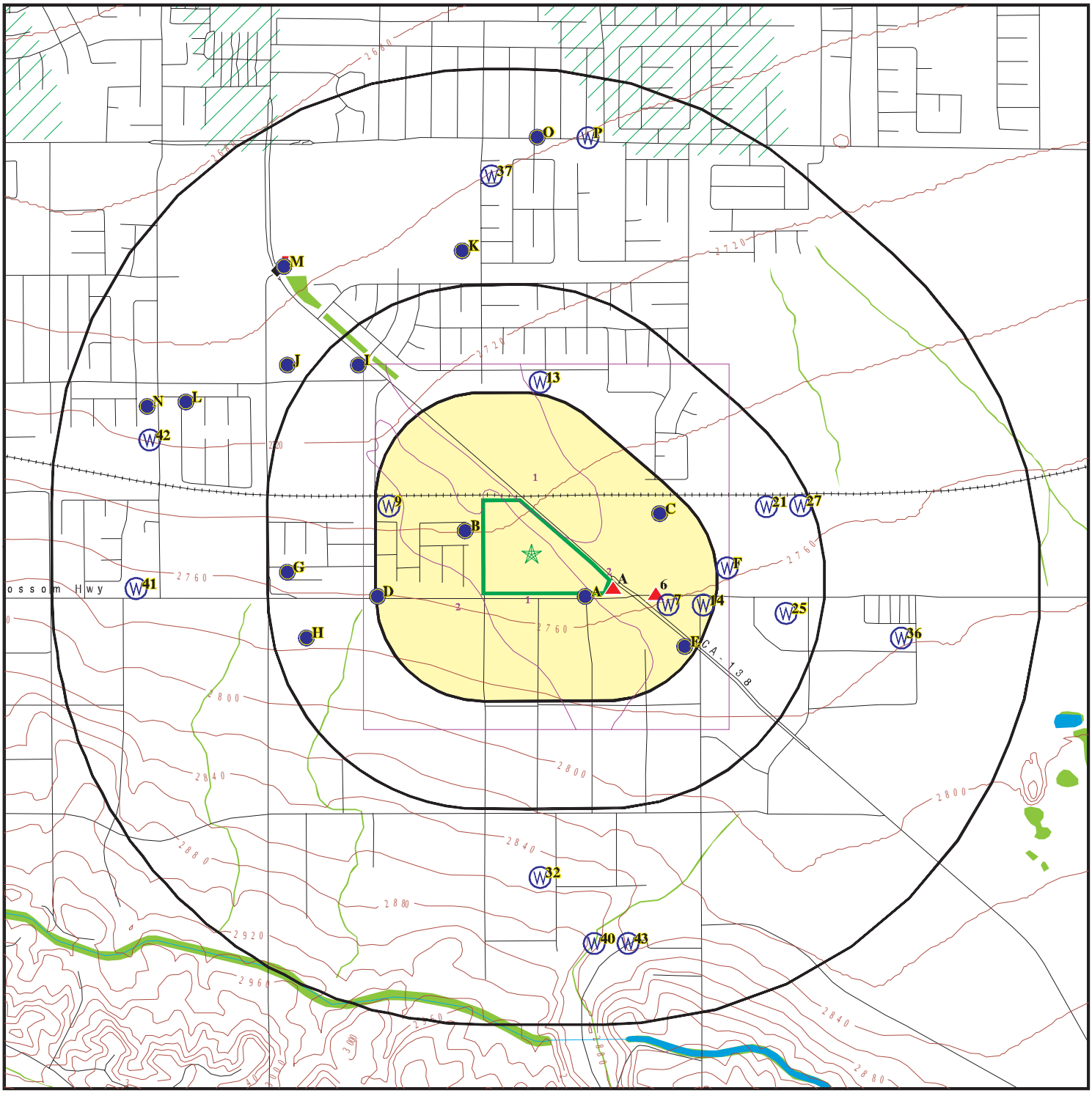
EDR Hist Auto: A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GARYS CHEVRON	5564 FORT TEJON RD	ESE 0 - 1/8 (0.014 mi.)	A2	9
THOMAS HARVEY P	5560 PEARBLOSSOM RD	ESE 0 - 1/8 (0.024 mi.)	A5	10

Count: 0 records. ORPHAN SUMMARY

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

OVERVIEW MAP - 6054644.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

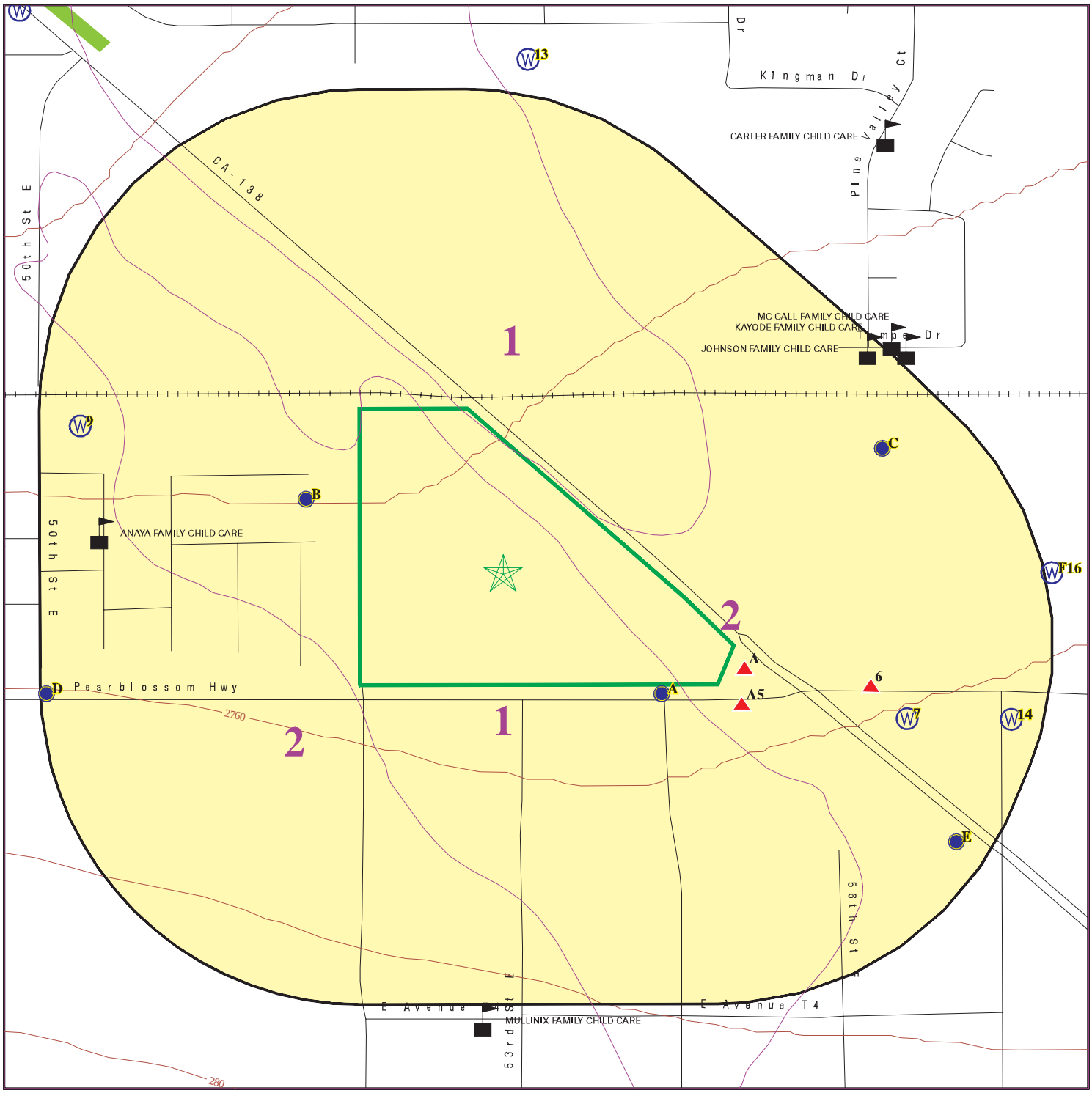
Areas of Concern

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:	PFJ #1267	CLIENT:	Broadbent & Associates
ADDRESS:	Highway 138/Pearblossom Highway Palmdale CA 93552	CONTACT:	Stephanie Holst
LAT/LONG:	34.544167 / 118.034546	INQUIRY #:	6054644.2s
		DATE:	May 01, 2020 5:43 pm

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DETAIL MAP - 6054644.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

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:	PFJ #1267	CLIENT:	Broadbent & Associates
ADDRESS:	Highway 138/Pearblossom Highway Palmdale CA 93552	CONTACT:	Stephanie Holst
LAT/LONG:	34.544167 / 118.034546	INQUIRY #:	6054644.2s
		DATE:	May 01, 2020 5:44 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	0.001		0	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	1	NR	1
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		1	0	0	NR	NR	1

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		1	0	NR	NR	NR	1
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								
INDIAN VCP	0.500		0	0	0	NR	NR	0
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	0.001		0	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	0.001		0	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	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		1	0	NR	NR	NR	1
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		1	0	NR	NR	NR	1
HIST UST	0.250		2	0	NR	NR	NR	2
CA FID UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		1	0	NR	NR	NR	1
Local Land Records								
LIENS	0.001		0	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	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	0	NR	NR	NR	1
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	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	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	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	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	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	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	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
LOS ANGELES CO. HMS	0.001		0	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	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	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	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
LOS ANGELES CO LF METHANE	0.500		0	0	0	NR	NR	0
HWTS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0

- Totals --		0	10	0	0	1	0	11

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

A1
ESE
< 1/8
0.014 mi.
76 ft.

Relative:
Higher

LIQUOR KING
5564 FORT TEJON RD
PALMDALE, CA 93552

Click here for full text details

Database(s): LUST, CERS HAZ WASTE, SWEEPS UST, HIST UST, CERS TANKS, CHMIRS, CERS, HWTS

EDR ID Number: U001586962
EPA ID Number: N/A

LUST
Status Completed - Case Closed
Global Id T0603781670

SWEEPS UST
Status A
Tank Status A
Comp Number 9586

HIST UST
Facility Id 00000063216

CHMIRS
OES Incident Number 7-0197

A2
ESE
< 1/8
0.014 mi.
76 ft.

Relative:
Higher

GARYS CHEVRON
5564 FORT TEJON RD
PALMDALE, CA 93552

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Database(s): EDR Hist Auto

EDR ID Number: 1020823364
EPA ID Number: N/A

A3
ESE
< 1/8
0.014 mi.
76 ft.

Relative:
Higher

99602
5564 FT TEJON RD
PALMDALE, CA 93550

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Database(s): HIST UST

EDR ID Number: S118407163
EPA ID Number: N/A

A4
ESE
< 1/8
0.014 mi.
76 ft.

Relative:
Higher

LIQUOR KING
5564 FORT TEJON RD
PALMDALE, CA 93552

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Database(s): UST

EDR ID Number: U003776340
EPA ID Number: N/A

UST
Facility Id 9586
Facility Id LACoFA0011475

A5
ESE
< 1/8
0.024 mi.
127 ft.

Relative:
Higher

THOMAS HARVEY P
5560 PEARBLOSSOM RD
PALMDALE, CA 93550

EDR Hist Auto

1021141176
N/A

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6
ESE
< 1/8
0.112 mi.
590 ft.

Relative:
Higher

5619 E AVENUE T
PALMDALE, CA 93552

RCRA NonGen / NLR

1025846036
CAC003025700

Click here for full text details

RCRA NonGen / NLR
EPA Id CAC003025700

7
NW
1/2-1
0.716 mi.
3778 ft.

Relative:
Lower

MOUNTAIN VALLEY RANCH
47TH STREET EAST & FORT TEJON ROAD (STATE ROUTE 138)
PALMDALE, CA 93552

ENVIROSTOR
VCP

S109548363
N/A

Click here for full text details

ENVIROSTOR
Facility Id 60001064
Status No Further Action

VCP
Facility Id 60001064
Status No Further Action

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	AST	Aboveground Petroleum Storage Tank Facilities	California Environmental Protection Agency	07/06/2016	07/12/2016	09/19/2016
CA	BROWNFIELDS	Considered Brownfieds Sites Listing	State Water Resources Control Board	12/18/2019	12/19/2019	02/19/2020
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CA FID UST	Facility Inventory Database	California Environmental Protection Agency	10/31/1994	09/05/1995	09/29/1995
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	12/31/2018	02/05/2020	04/15/2020
CA	CERS	CalEPA Regulated Site Portal Data	California Environmental Protection Agency	01/21/2020	01/22/2020	04/01/2020
CA	CERS HAZ WASTE	CERS HAZ WASTE	CalEPA	01/21/2020	01/22/2020	04/01/2020
CA	CERS TANKS	California Environmental Reporting System (CERS) Tanks	California Environmental Protection Agency	01/21/2020	01/22/2020	04/01/2020
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	12/24/2019	01/22/2020	03/30/2020
CA	CIWQS	California Integrated Water Quality System	State Water Resources Control Board	12/03/2019	12/04/2019	02/04/2020
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	12/18/2019	12/20/2019	02/20/2020
CA	CPS-SLIC	Statewide SLIC Cases (GEOTRACKER)	State Water Resources Control Board	12/09/2019	12/10/2019	02/18/2020
CA	CUPA LIVERMORE-PLEASANTON	CUPA Facility Listing	Livermore-Pleasanton Fire Department	05/01/2019	05/14/2019	07/17/2019
CA	CUPA SAN FRANCISCO CO	CUPA Facility Listing	San Francisco County Department of Environmen	02/03/2020	02/04/2020	04/09/2020
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	12/03/2019	12/04/2019	02/04/2020
CA	DRYCLEAN AVAQMD	Antelope Valley Air Quality Management District Drycleaner L	Antelope Valley Air Quality Management Distri	12/02/2019	12/03/2019	02/04/2020
CA	DRYCLEAN SOUTH COAST	South Coast Air Quality Management District Drycleaner Listi	South Coast Air Quality Management District	01/31/2020	01/31/2020	04/09/2020
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	12/04/2019	01/29/2020	04/09/2020
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2017	06/24/2019	08/22/2019
CA	ENF	Enforcement Action Listing	State Water Resoruces Control Board	04/03/2020	04/07/2020	04/15/2020
CA	ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	01/27/2020	01/28/2020	04/09/2020
CA	Financial Assurance 1	Financial Assurance Information Listing	Department of Toxic Substances Control	01/21/2020	01/23/2020	04/01/2020
CA	Financial Assurance 2	Financial Assurance Information Listing	California Integrated Waste Management Board	02/19/2020	02/20/2020	04/24/2020
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	11/15/2019	11/15/2019	01/23/2020
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2017	05/29/2019	07/22/2019
CA	HIST CAL-SITES	Calsites Database	Department of Toxic Substance Control	08/08/2005	08/03/2006	08/24/2006
CA	HIST CORTESE	Hazardous Waste & Substance Site List	Department of Toxic Substances Control	04/01/2001	01/22/2009	04/08/2009
CA	HIST UST	Hazardous Substance Storage Container Database	State Water Resources Control Board	10/15/1990	01/25/1991	02/12/1991
CA	HWP	EnviroStor Permitted Facilities Listing	Department of Toxic Substances Control	02/18/2020	02/19/2020	04/24/2020
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	01/06/2020	01/07/2020	03/05/2020
CA	HWTS	Hazardous Waste Tracking System	Department of Toxic Substances Control	10/15/2019	11/14/2019	02/07/2020
CA	ICE	ICE	Department of Toxic Subsances Control	02/18/2020	02/19/2020	04/24/2020
CA	LDS	Land Disposal Sites Listing (GEOTRACKER)	State Water Qualilty Control Board	12/09/2019	12/10/2019	02/14/2020
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	12/02/2019	12/04/2019	02/04/2020
CA	LUST	Leaking Underground Fuel Tank Report (GEOTRACKER)	State Water Resources Control Board	12/09/2019	12/10/2019	02/14/2020
CA	LUST REG 1	Active Toxic Site Investigation	California Regional Water Quality Control Boa	02/01/2001	02/28/2001	03/29/2001
CA	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
CA	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
CA	LUST REG 4	Underground Storage Tank Leak List	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	07/01/2008	07/22/2008	07/31/2008
CA	LUST REG 6L	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	09/09/2003	09/10/2003	10/07/2003
CA	LUST REG 6V	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	06/07/2005	06/07/2005	06/29/2005
CA	LUST REG 7	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	02/26/2004	02/26/2004	03/24/2004
CA	LUST REG 8	Leaking Underground Storage Tanks	California Regional Water Quality Control Boa	02/14/2005	02/15/2005	03/28/2005
CA	LUST REG 9	Leaking Underground Storage Tank Report	California Regional Water Quality Control Boa	03/01/2001	04/23/2001	05/21/2001
CA	MCS	Military Cleanup Sites Listing (GEOTRACKER)	State Water Resources Control Board	12/09/2019	12/10/2019	02/18/2020
CA	MILITARY PRIV SITES	Military Privatized Sites (GEOTRACKER)	State Water Resources Control Board	12/09/2019	12/10/2019	02/18/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	MILITARY UST SITES	Military UST Sites (GEOTRACKER)	State Water Resources Control Board	12/09/2019	12/10/2019	02/18/2020
CA	MINES	Mines Site Location Listing	Department of Conservation	12/09/2019	12/10/2019	02/24/2020
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	11/22/2019	12/04/2019	02/04/2020
CA	NON-CASE INFO	Non-Case Information Sites (GEOTRACKER)	State Water Resources Control Board	12/09/2019	12/10/2019	02/18/2020
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	12/11/2019	12/12/2019	02/21/2020
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	02/10/2020	02/11/2020	04/20/2020
CA	OTHER OIL GAS	Other Oil & Gas Projects Sites (GEOTRACKER)	State Water Resources Control Board	12/09/2019	12/10/2019	02/18/2020
CA	PEST LIC	Pesticide Regulation Licenses Listing	Department of Pesticide Regulation	12/03/2019	12/04/2019	02/04/2020
CA	PFAS	PFAS Contamination Site Location Listing	State Water Resources Control Board	12/09/2019	12/10/2019	02/19/2020
CA	PROC	Certified Processors Database	Department of Conservation	12/09/2019	12/10/2019	02/19/2020
CA	PROD WATER PONDS	Produced Water Ponds Sites (GEOTRACKER)	State Water Resources Control Board	12/09/2019	12/10/2019	02/18/2020
CA	PROJECT	Project Sites (GEOTRACKER)	State Water Resources Control Board	12/09/2019	12/10/2019	02/18/2020
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	01/27/2020	01/28/2020	04/09/2020
CA	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Resources Recycling and Recover		07/01/2013	01/13/2014
CA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	State Water Resources Control Board		07/01/2013	12/30/2013
CA	SAMPLING POINT	Sampling Point ? Public Sites (GEOTRACKER)	State Water Resources Control Board	12/09/2019	12/10/2019	02/18/2020
CA	SAN FRANCISCO AST	Aboveground Storage Tank Site Listing	San Francisco County Department of Public Hea	08/01/2019	08/02/2019	10/11/2019
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	01/27/2020	01/28/2020	04/09/2020
CA	SLIC REG 1	Active Toxic Site Investigations	California Regional Water Quality Control Boa	04/03/2003	04/07/2003	04/25/2003
CA	SLIC REG 2	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board San Fran	09/30/2004	10/20/2004	11/19/2004
CA	SLIC REG 3	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	05/18/2006	05/18/2006	06/15/2006
CA	SLIC REG 4	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Region Water Quality Control Board Los Angele	11/17/2004	11/18/2004	01/04/2005
CA	SLIC REG 5	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board Central	04/01/2005	04/05/2005	04/21/2005
CA	SLIC REG 6L	SLIC Sites	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	SLIC REG 6V	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board, Victorv	05/24/2005	05/25/2005	06/16/2005
CA	SLIC REG 7	SLIC List	California Regional Quality Control Board, Co	11/24/2004	11/29/2004	01/04/2005
CA	SLIC REG 8	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Region Water Quality Control Board	04/03/2008	04/03/2008	04/14/2008
CA	SLIC REG 9	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	09/10/2007	09/11/2007	09/28/2007
CA	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/06/2012	01/03/2013	02/22/2013
CA	SWEEPS UST	SWEEPS UST Listing	State Water Resources Control Board	06/01/1994	07/07/2005	08/11/2005
CA	SWF/LF (SWIS)	Solid Waste Information System	Department of Resources Recycling and Recover	02/10/2020	02/11/2020	04/20/2020
CA	SWRCY	Recycler Database	Department of Conservation	12/09/2019	12/10/2019	02/19/2020
CA	TOXIC PITS	Toxic Pits Cleanup Act Sites	State Water Resources Control Board	07/01/1995	08/30/1995	09/26/1995
CA	UIC	UIC Listing	Deaprtment of Conservation	12/06/2019	12/10/2019	02/19/2020
CA	UIC GEO	Underground Injection Control Sites (GEOTRACKER)	State Water Resource Control Board	12/09/2019	12/10/2019	02/18/2020
CA	UST	Active UST Facilities	SWRCB	12/09/2019	12/10/2019	02/21/2020
CA	UST CLOSURE	Proposed Closure of Underground Storage Tank (UST) Cases	State Water Resources Control Board	12/06/2019	12/10/2019	02/25/2020
CA	UST MENDOCINO	Mendocino County UST Database	Department of Public Health	12/19/2019	12/23/2019	02/21/2020
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	01/27/2020	01/28/2020	04/09/2020
CA	WASTEWATER PITS	Oil Wastewater Pits Listing	RWQCB, Central Valley Region	11/19/2019	01/07/2020	03/09/2020
CA	WDR	Waste Discharge Requirements Listing	State Water Resources Control Board	12/09/2019	12/10/2019	02/19/2020
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
CA	WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)	State Water Resources Control Board	12/09/2019	12/10/2019	02/18/2020
CA	WIP	Well Investigation Program Case List	Los Angeles Water Quality Control Board	07/03/2009	07/21/2009	08/03/2009
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	12/09/2019	12/11/2019	02/27/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2015	02/22/2017	09/28/2017
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2018	12/04/2019	01/15/2020
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	12/31/2019	01/17/2020	03/06/2020
US	CORRACTS	Corrective Action Report	EPA	12/16/2019	12/16/2019	12/20/2019
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/31/2018	07/26/2018	10/05/2018
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	01/02/2020	01/28/2020	04/17/2020
US	Delisted NPL	National Priority List Deletions	EPA	01/30/2020	02/05/2020	02/14/2020
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	01/05/2020	01/07/2020	03/06/2020
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	12/16/2019	12/19/2019	03/06/2020
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	04/03/2019	04/05/2019	05/14/2019
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FEMA UST	Underground Storage Tank Listing	FEMA	08/27/2019	08/28/2019	11/11/2019
US	FINDS	Facility Index System/Facility Registry System	EPA	11/22/2019	12/04/2019	03/02/2020
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	11/12/2019	11/19/2019	01/28/2020
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	11/18/2019	11/19/2019	01/28/2020
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	08/08/2017	09/11/2018	09/14/2018
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	12/05/2019	12/06/2019	02/14/2020
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	10/01/2019	12/04/2019	02/10/2020
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	10/11/2019	12/04/2019	02/10/2020
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	10/10/2019	12/05/2019	02/10/2020
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	10/01/2019	12/04/2019	02/10/2020
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	10/02/2019	12/04/2019	02/10/2020
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	10/15/2019	12/17/2019	02/10/2020
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	10/03/2019	12/04/2019	02/14/2020
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	10/04/2019	12/04/2019	02/27/2020
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	10/01/2019	12/04/2019	02/10/2020
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	10/11/2019	12/04/2019	02/10/2020
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	10/10/2019	12/05/2019	02/10/2020
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	10/01/2019	12/04/2019	02/10/2020
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	10/02/2019	12/04/2019	02/10/2020
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	10/11/2019	12/04/2019	02/10/2020
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	10/03/2019	12/04/2019	02/14/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	10/04/2019	12/04/2019	02/27/2020
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	01/30/2020	02/05/2020	02/14/2020
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	01/30/2020	02/05/2020	02/14/2020
US	LUCIS	Land Use Control Information System	Department of the Navy	11/04/2019	11/13/2019	01/28/2020
US	MINES MRDS	Mineral Resources Data System	USGS	04/06/2018	10/21/2019	10/24/2019
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	12/03/2019	12/03/2019	01/28/2020
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	10/25/2019	10/25/2019	01/15/2020
US	NPL	National Priority List	EPA	01/30/2020	02/05/2020	02/14/2020
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	10/09/2019	10/11/2019	12/20/2019
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	PRP	Potentially Responsible Parties	EPA	01/30/2020	02/06/2020	02/14/2020
US	Proposed NPL	Proposed National Priority List Sites	EPA	01/30/2020	02/05/2020	02/14/2020
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	12/16/2019	12/16/2019	12/20/2019
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	12/16/2019	12/16/2019	12/20/2019
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	12/16/2019	12/16/2019	12/20/2019
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	12/16/2019	12/16/2019	12/20/2019
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	12/16/2019	12/16/2019	12/20/2019
US	RMP	Risk Management Plans	Environmental Protection Agency	11/05/2019	11/20/2019	04/17/2020
US	ROD	Records Of Decision	EPA	01/30/2020	02/05/2020	02/14/2020
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	SEMS	Superfund Enterprise Management System	EPA	01/30/2020	02/05/2020	02/14/2020
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	01/30/2020	02/05/2020	02/14/2020
US	SSTS	Section 7 Tracking Systems	EPA	05/01/2019	10/23/2019	01/15/2020
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2018	02/05/2020	04/24/2020
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/21/2017	01/05/2018
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/30/2019	11/15/2019	01/28/2020
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	12/02/2019	12/16/2019	03/06/2020
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	06/11/2019	06/13/2019	09/03/2019
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	11/22/2019	11/22/2019	01/28/2020
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	12/16/2019	12/19/2019	02/27/2020
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	06/11/2019	06/13/2019	09/03/2019
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	11/22/2019	11/22/2019	01/28/2020
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	11/06/2019	11/25/2019	01/28/2020
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	12/05/2005	02/29/2008	04/18/2008
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	UXO	Unexploded Ordnance Sites	Department of Defense	12/31/2017	01/17/2019	04/01/2019

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	01/30/2020	01/30/2020	03/09/2020
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2018	04/10/2019	05/16/2019
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	01/01/2019	05/01/2019	06/21/2019
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	06/30/2018	07/19/2019	09/10/2019
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2018	10/02/2019	12/10/2019
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	05/31/2018	06/19/2019	09/03/2019
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
CA	Daycare Centers	Sensitive Receptor: Licensed Facilities	Department of Social Services			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
CA	State Wetlands	Wetland Inventory	Department of Fish and Wildlife			
US	Topographic Map		U.S. Geological Survey			
US	Oil/Gas Pipelines		Endeavor Business Media			
US	Electric Power Transmission Line Data		Endeavor Business Media			

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PFJ #1267
HIGHWAY 138/PEARBLOSSOM HIGHWAY
PALMDALE, CA 93552

TARGET PROPERTY COORDINATES

Latitude (North):	34.544167 - 34° 32' 39.00''
Longitude (West):	118.034546 - 118° 2' 4.37''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	405071.4
UTM Y (Meters):	3822784.8
Elevation:	2745 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5630797 PALMDALE, 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).

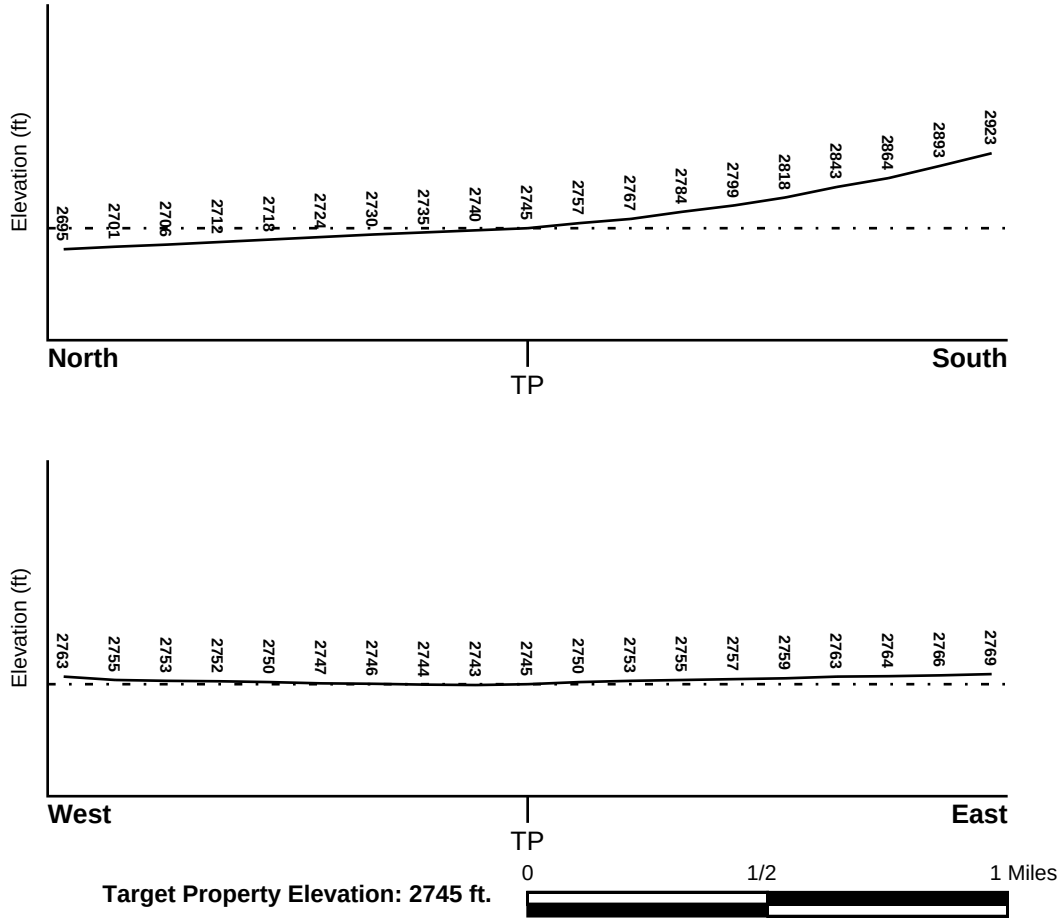
TOPOGRAPHIC INFORMATION

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 NNW

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
06037C0700F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06037C0694F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

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

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

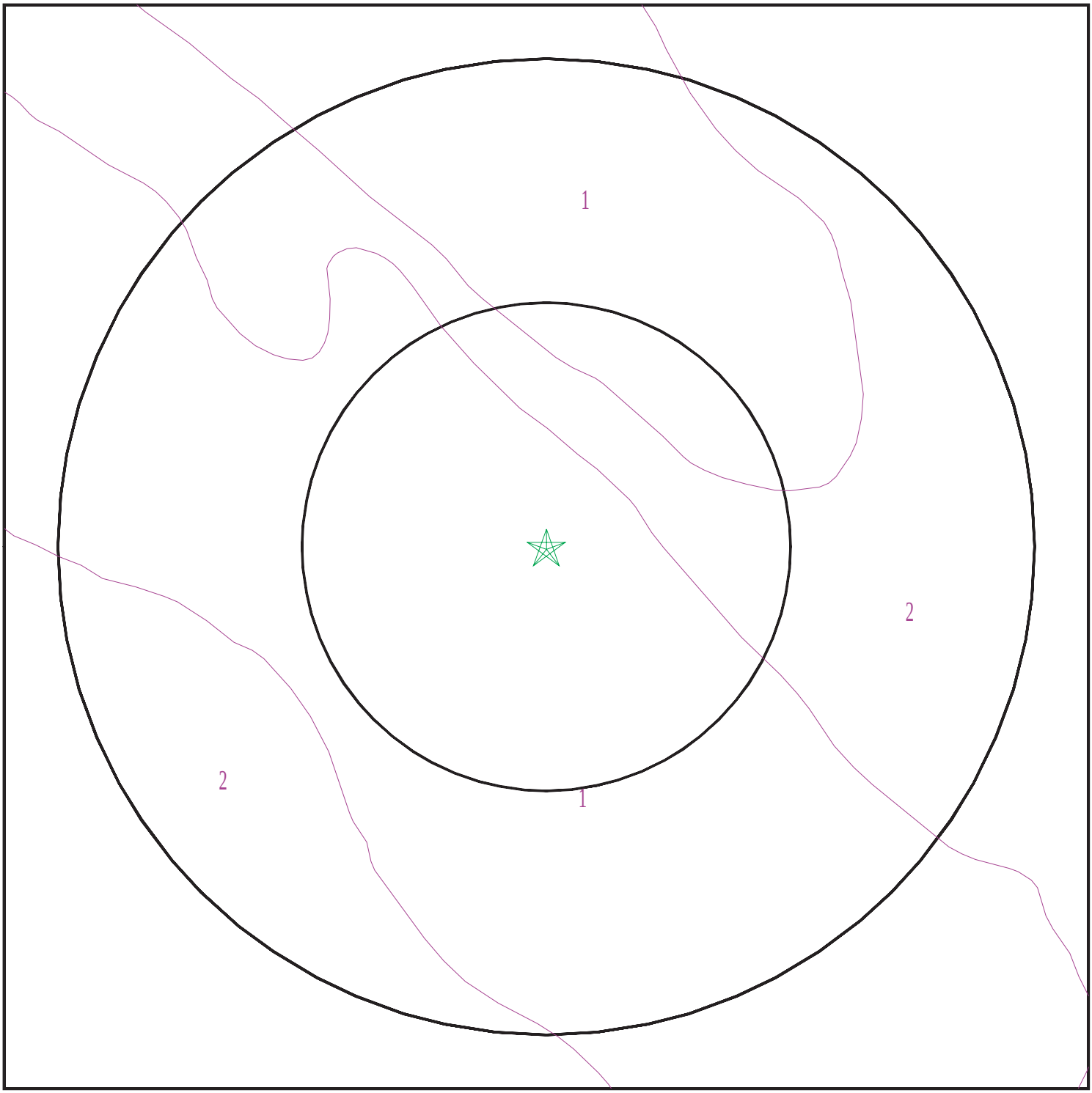
Era:	Cenozoic
System:	Tertiary
Series:	Pliocene
Code:	Tpc *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Continental Deposits

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

SSURGO SOIL MAP - 6054644.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	PFJ #1267	CLIENT:	Broadbent & Associates
ADDRESS:	Highway 138/Pearblossom Highway Palmdale CA 93552	CONTACT:	Stephanie Holst
LAT/LONG:	34.544167 / 118.034546	INQUIRY #:	6054644.2s
		DATE:	May 01, 2020 5:44 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: 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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Cajon

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

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	9 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, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
2	9 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4

LOCAL / REGIONAL WATER AGENCY RECORDS

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B2	USGS40000146896	1/8 - 1/4 Mile WNW
B3	USGS40000146897	1/8 - 1/4 Mile WNW
A4	USGS40000146856	1/8 - 1/4 Mile ESE
C8	USGS40000146907	1/4 - 1/2 Mile ENE
9	USGS40000146916	1/4 - 1/2 Mile WNW
D10	USGS40000146857	1/4 - 1/2 Mile WSW
14	USGS40000146851	1/4 - 1/2 Mile ESE
E15	USGS40000146840	1/4 - 1/2 Mile ESE
F16	USGS40000146883	1/4 - 1/2 Mile East
E17	USGS40000146839	1/4 - 1/2 Mile ESE
F18	USGS40000146864	1/4 - 1/2 Mile East
G19	USGS40000146869	1/2 - 1 Mile West
H20	USGS40000146842	1/2 - 1 Mile WSW
I23	USGS40000146963	1/2 - 1 Mile NW
27	USGS40000146915	1/2 - 1 Mile East
J28	USGS40000146964	1/2 - 1 Mile NW
K29	USGS40000147014	1/2 - 1 Mile North
L33	USGS40000146955	1/2 - 1 Mile WNW
M34	USGS40000147009	1/2 - 1 Mile NW
L35	USGS40000146951	1/2 - 1 Mile WNW
36	USGS40000146841	1/2 - 1 Mile ESE
37	USGS40000147045	1/2 - 1 Mile North
41	USGS40000146861	1/2 - 1 Mile West
42	USGS40000146945	1/2 - 1 Mile WNW
43	USGS40000146703	1/2 - 1 Mile SSE
P46	USGS40000147058	1/2 - 1 Mile North
N47	USGS40000146952	1/2 - 1 Mile WNW
O49	USGS40000147069	1/2 - 1 Mile North
P50	USGS40000147084	1/2 - 1 Mile North

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

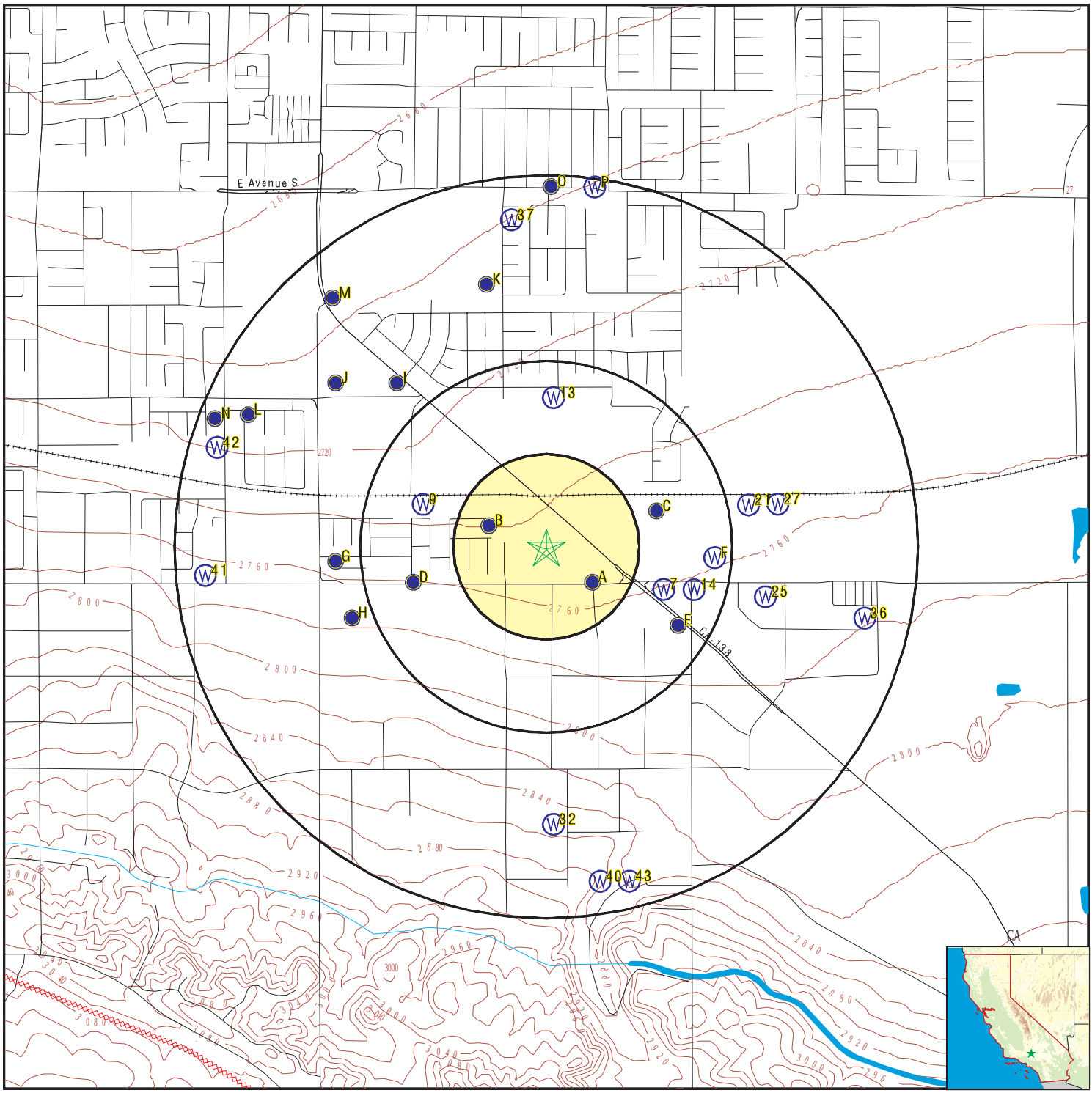
MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CADWR8000010059	1/8 - 1/4 Mile SE
B5	CADWR8000010090	1/8 - 1/4 Mile WNW
C6	CADWR8000010097	1/4 - 1/2 Mile ENE
7	CADWR8000010055	1/4 - 1/2 Mile ESE
D11	CADWR8000010060	1/4 - 1/2 Mile WSW
E12	CADWR8000010051	1/4 - 1/2 Mile ESE
13	5655	1/4 - 1/2 Mile North
21	CADWR8000010104	1/2 - 1 Mile ENE
H22	CADWR8000010052	1/2 - 1 Mile WSW
G24	CADWR8000010066	1/2 - 1 Mile West
25	5659	1/2 - 1 Mile ESE
I26	CADWR8000010139	1/2 - 1 Mile NW
K30	CADWR8000010172	1/2 - 1 Mile NNW
J31	CADWR8000010140	1/2 - 1 Mile NW
32	5658	1/2 - 1 Mile South
M38	CADWR8000010168	1/2 - 1 Mile NW
L39	CADWR8000010134	1/2 - 1 Mile WNW
40	CADWR8000009977	1/2 - 1 Mile South
N44	CADWR8000010130	1/2 - 1 Mile WNW
O45	CADWR8000010205	1/2 - 1 Mile North
O48	CADWR8000010213	1/2 - 1 Mile North

PHYSICAL SETTING SOURCE MAP - 6054644.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	PFJ #1267	CLIENT:	Broadbent & Associates
ADDRESS:	Highway 138/Pearblossom Highway Palmdale CA 93552	CONTACT:	Stephanie Holst
		INQUIRY #:	6054644.2s
LAT/LONG:	34.544167 / 118.034546	DATE:	May 01, 2020 5:44 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
A1 **SE** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CADWR8000010059**
B2 **WNW** **1/8 - 1/4 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000146896**
B3 **WNW** **1/8 - 1/4 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000146897**
A4 **ESE** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000146856**
B5 **WNW** **1/8 - 1/4 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CADWR8000010090**
C6 **ENE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CADWR8000010097**
7 **ESE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CADWR8000010055**
C8 **ENE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000146907**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
9 **WNW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000146916**
D10 **WSW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000146857**
D11 **WSW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CADWR8000010060**
E12 **ESE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CADWR8000010051**
13 **North** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**CA WELLS**	**5655**
14 **ESE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000146851**
E15 **ESE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000146840**
F16 **East** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000146883**
E17 **ESE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000146839**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
F18 **East** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000146864**
G19 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000146869**
H20 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000146842**
21 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CADWR8000010104**
H22 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CADWR8000010052**
I23 **NW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000146963**
G24 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CADWR8000010066**
25 **ESE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**CA WELLS**	**5659**
I26 **NW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CADWR8000010139**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
27 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000146915**
J28 **NW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000146964**
K29 **North** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000147014**
K30 **NNW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CADWR8000010172**
J31 **NW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CADWR8000010140**
32 **South** **1/2 - 1 Mile** **Higher**	Click here for full text details	**CA WELLS**	**5658**
L33 **WNW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000146955**
M34 **NW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000147009**
L35 **WNW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000146951**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
36 **ESE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000146841**
37 **North** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000147045**
M38 **NW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CADWR8000010168**
L39 **WNW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CADWR8000010134**
40 **South** **1/2 - 1 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CADWR8000009977**
41 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000146861**
42 **WNW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000146945**
43 **SSE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000146703**
N44 **WNW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CADWR8000010130**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
O45 **North** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CADWR8000010205**
P46 **North** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000147058**
N47 **WNW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000146952**
O48 **North** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CADWR8000010213**
O49 **North** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000147069**
P50 **North** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000147084**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
93552	5	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.

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

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

GEOLOGIC INFORMATION

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

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

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

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

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

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

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

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

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: 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

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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

OTHER

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

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

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

STREET AND ADDRESS INFORMATION

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Appendix C:

Historical Record Sources

PFJ #1267

Highway 138/Pearblossom Highway

Palmdale, CA 93552

Inquiry Number: 6054644.3

May 01, 2020

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

05/01/20

Site Name:

PFJ #1267
Highway 138/Pearblossom Hig
Palmdale, CA 93552
EDR Inquiry # 6054644.3

Client Name:

Broadbent & Associates
8 West Pacific Ave
Henderson, NV 89015
Contact: Stephanie Holst

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Broadbent & Associates 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 # ADBC-4B23-9164

PO # 20-01-146

Project PFJ #1267

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 #: ADBC-4B23-9164

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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PFJ #1267

Highway 138/Pearblossom Highway

Palmdale, CA 93552

Inquiry Number: 6054644.4

May 01, 2020

EDR Historical Topo Map Report

with QuadMatch™

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

EDR Historical Topo Map Report

05/01/20

Site Name:	Client Name:
PFJ #1267	Broadbent & Associates
Highway 138/Pearblossom Hig	8 West Pacific Ave
Palmdale, CA 93552	Henderson, NV 89015
EDR Inquiry # 6054644.4	Contact: Stephanie Holst

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Broadbent & Associates were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:		*Coordinates:*	
P.O.#	20-01-146	**Latitude:**	34.544167 34° 32' 39" North
Project:	PFJ #1267	**Longitude:**	-118.034546 -118° 2' 4" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	405073.58
		UTM Y Meters:	3822980.81
		Elevation:	2745.00' above sea level

Maps Provided:

2012
1974
1958
1934
1930
1917
1915

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Palmdale
2012
7.5-minute, 24000

1974 Source Sheets



Palmdale
1974
7.5-minute, 24000
Aerial Photo Revised 1974

1958 Source Sheets



Palmdale
1958
7.5-minute, 24000
Aerial Photo Revised 1956

1934 Source Sheets



Pearland
1934
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1930 Source Sheets



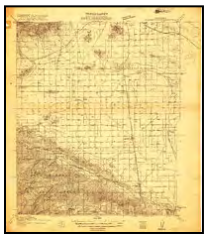
Pearland
1930
7.5-minute, 24000

1917 Source Sheets



Elizabeth Lake
1917
30-minute, 125000

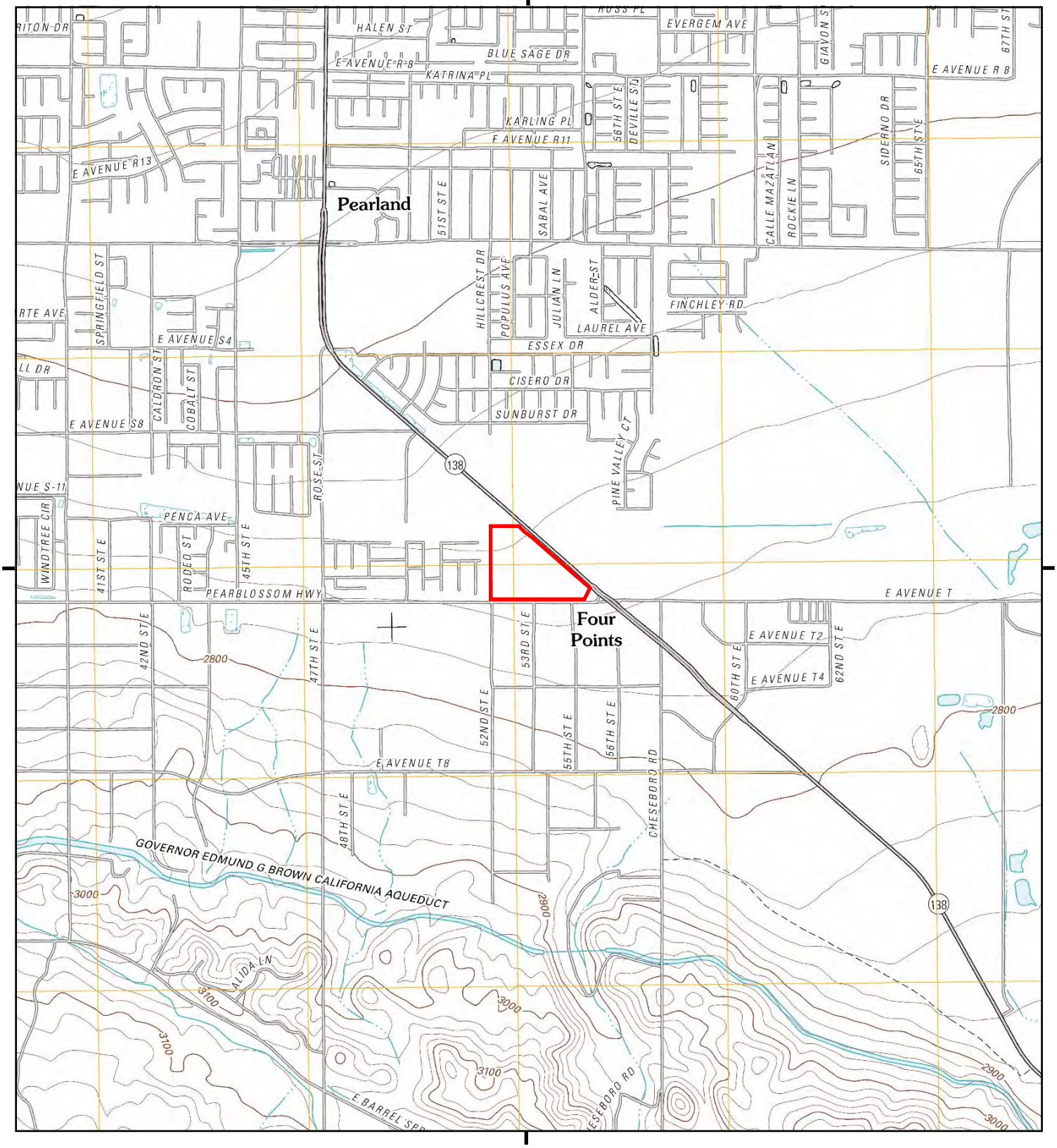
1915 Source Sheets



Elizabeth Lake
1915
30-minute, 96000

Historical Topo Map

2012



This report includes information from the following map sheet(s).

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NW N NE
W E
SW S SE

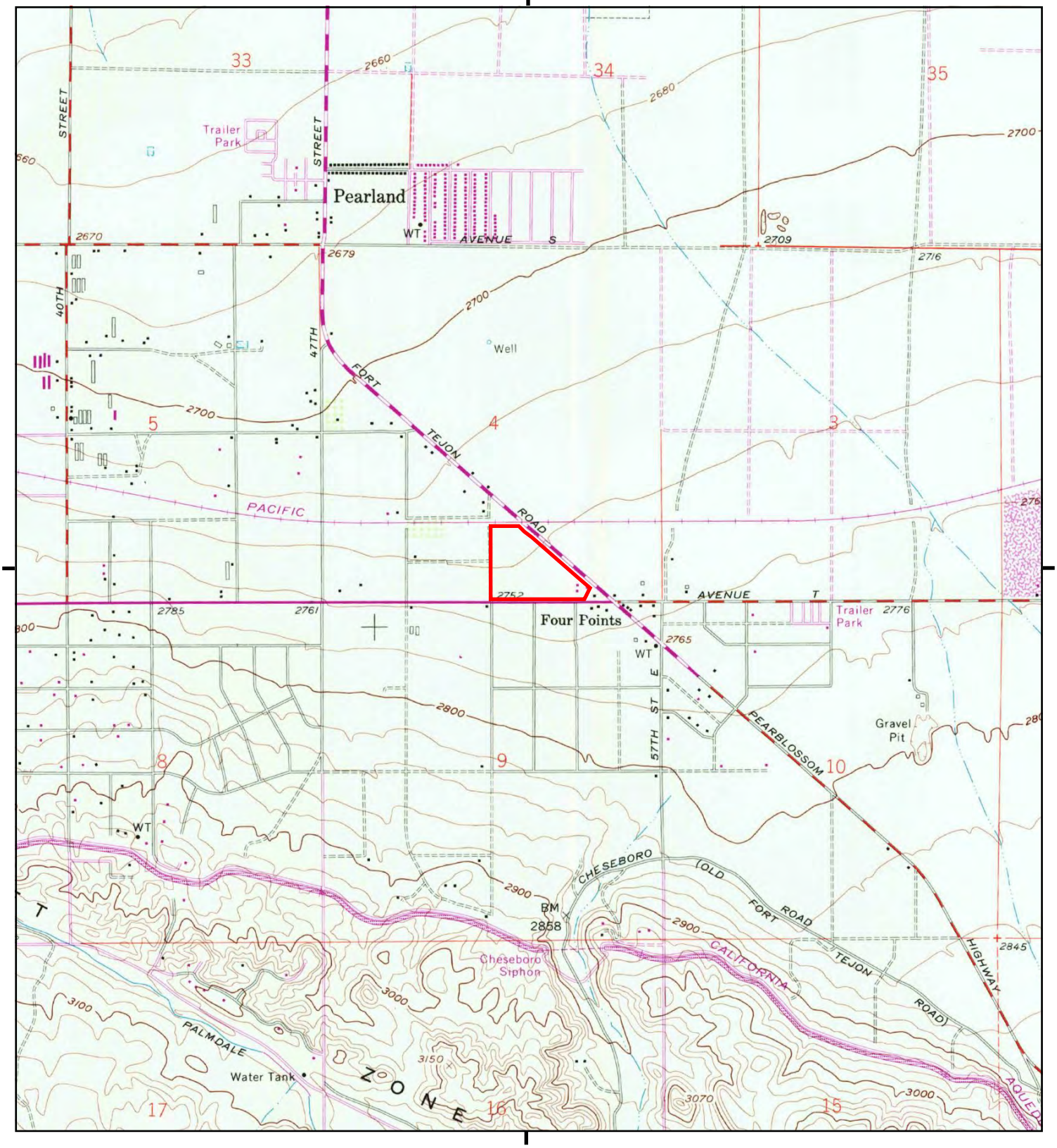
TP, Palmdale, 2012, 7.5-minute

SITE NAME: PFJ #1267
ADDRESS: Highway 138/Pearblossom Highway
Palmdale, CA 93552
CLIENT: Broadbent & Associates

N

Historical Topo Map

1974



This report includes information from the following map sheet(s).

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NW N NE
W E
SW S SE

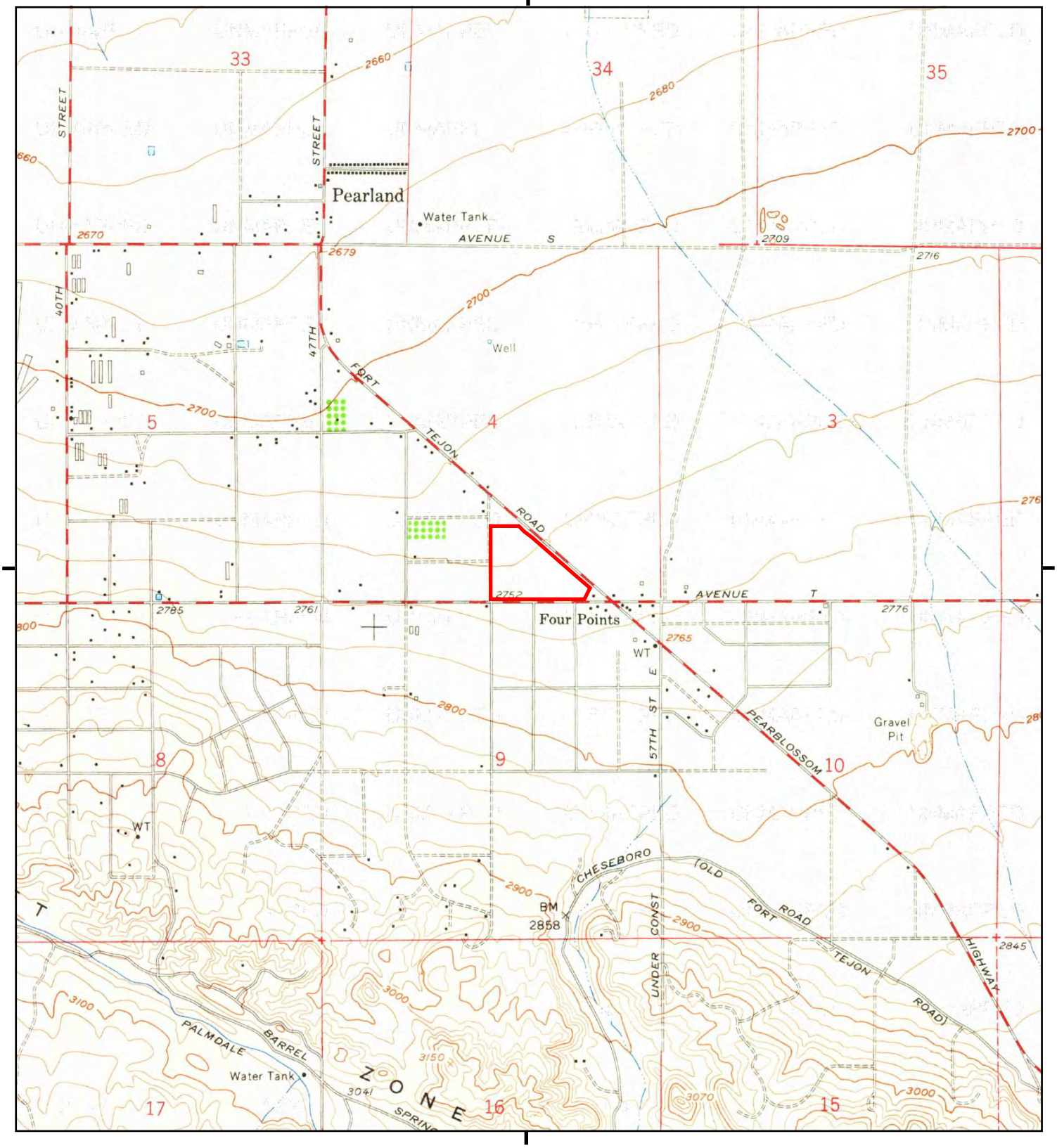
TP, Palmdale, 1974, 7.5-minute

SITE NAME: PFJ #1267
ADDRESS: Highway 138/Pearblossom Highway
Palmdale, CA 93552
CLIENT: Broadbent & Associates

N

Historical Topo Map

1958



This report includes information from the following map sheet(s).

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W E
SW S SE

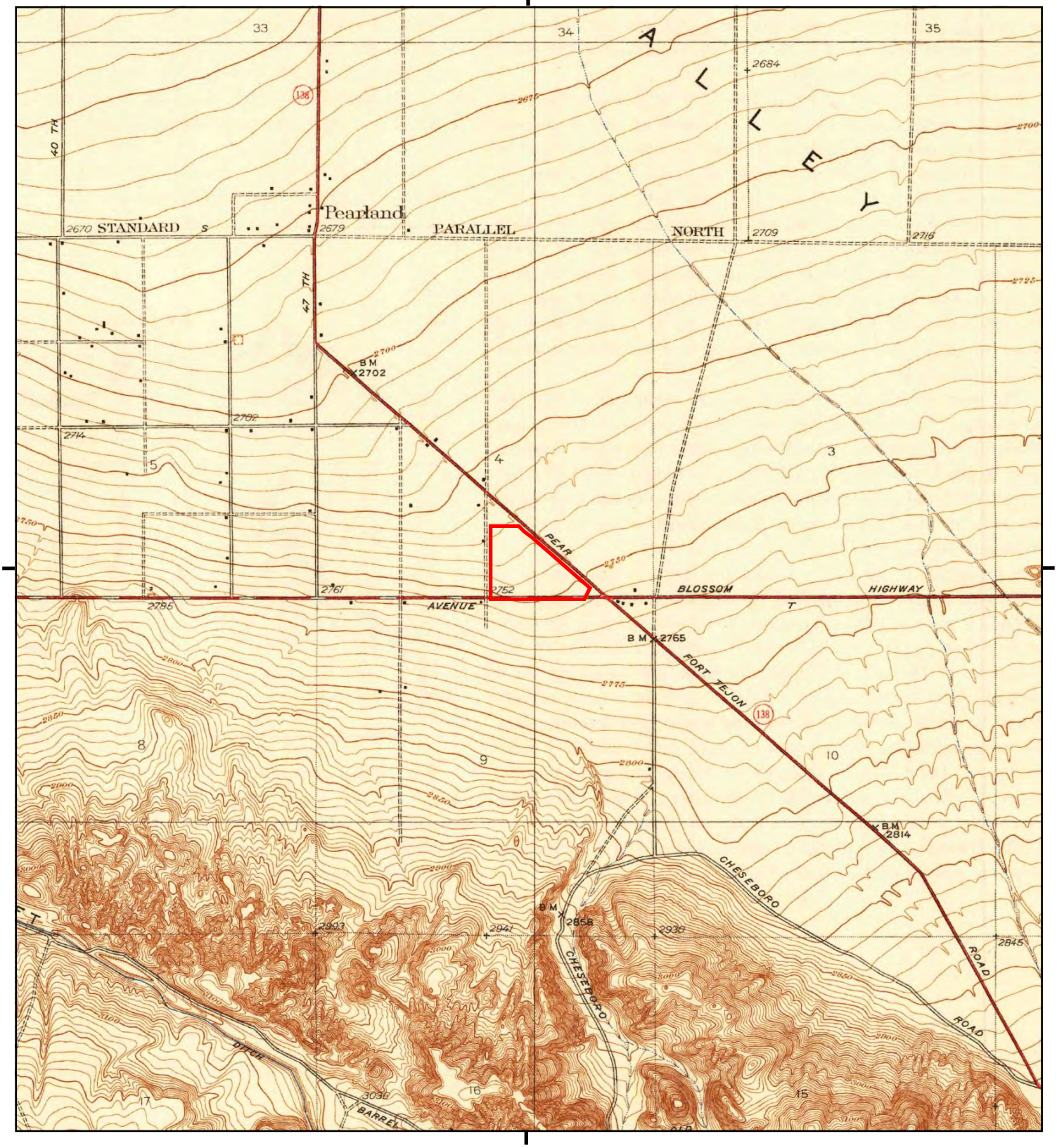
TP, Palmdale, 1958, 7.5-minute

SITE NAME: PFJ #1267
ADDRESS: Highway 138/Pearblossom Highway
Palmdale, CA 93552
CLIENT: Broadbent & Associates

N

Historical Topo Map

1934



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

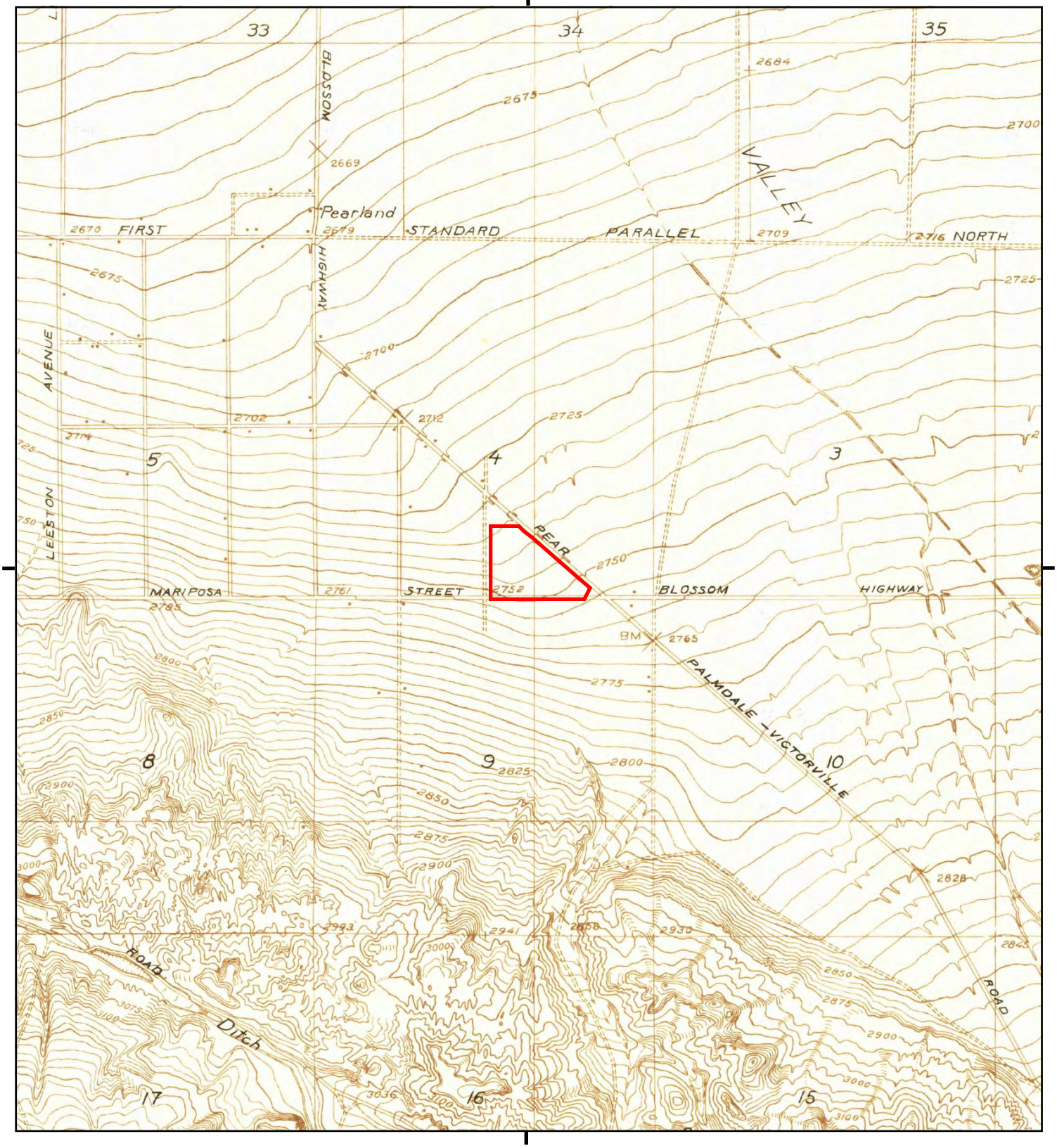
TP, Pearland, 1934, 7.5-minute

SITE NAME: PFJ #1267
ADDRESS: Highway 138/Pearblossom Highway
Palmdale, CA 93552
CLIENT: Broadbent & Associates

N

Historical Topo Map

1930



This report includes information from the following map sheet(s).

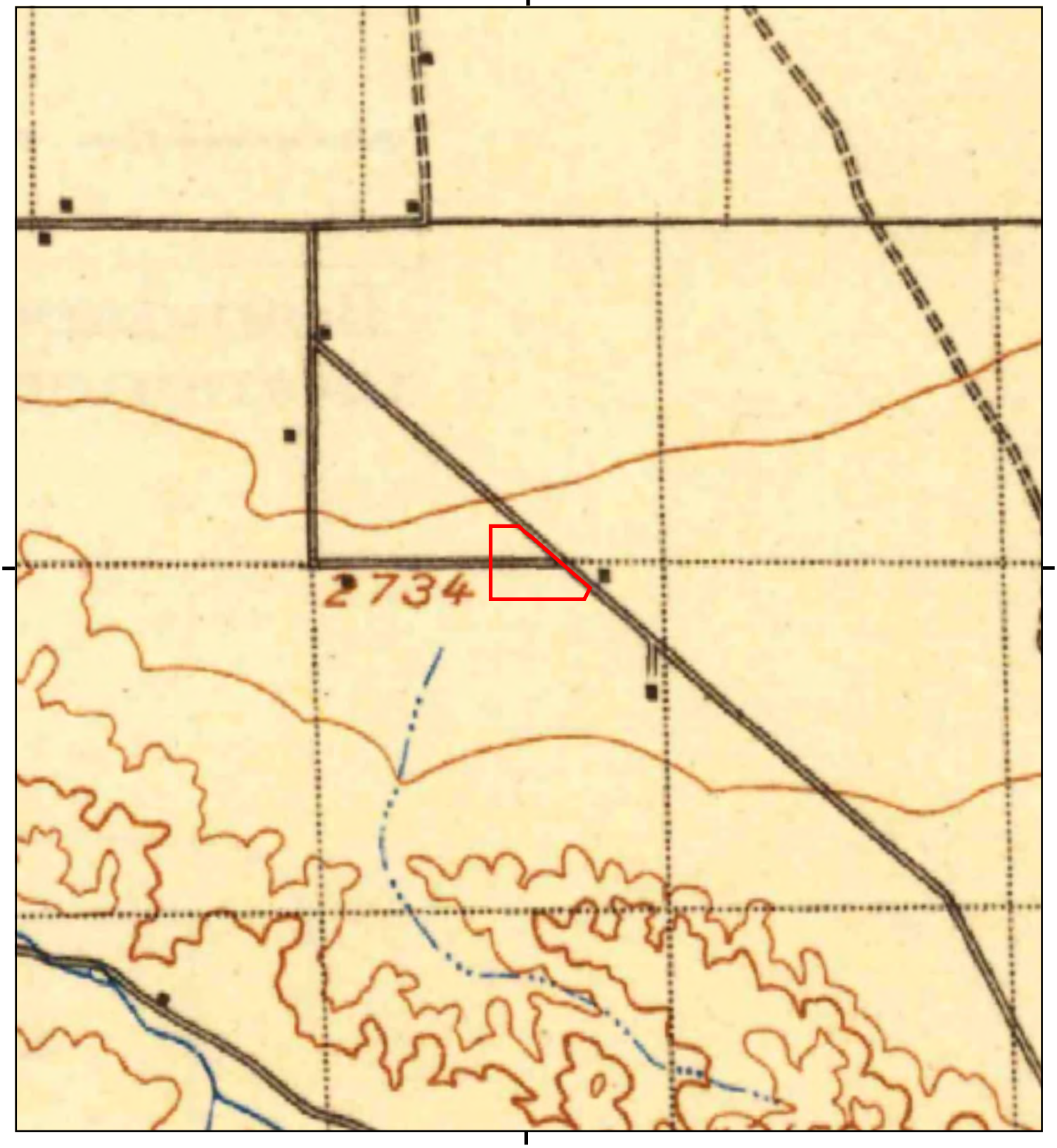
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NW N NE
W E
SW S SE

TP, Pearland, 1930, 7.5-minute

SITE NAME: PFJ #1267
ADDRESS: Highway 138/Pearblossom Highway
Palmdale, CA 93552
CLIENT: Broadbent & Associates

N



This report includes information from the following map sheet(s).

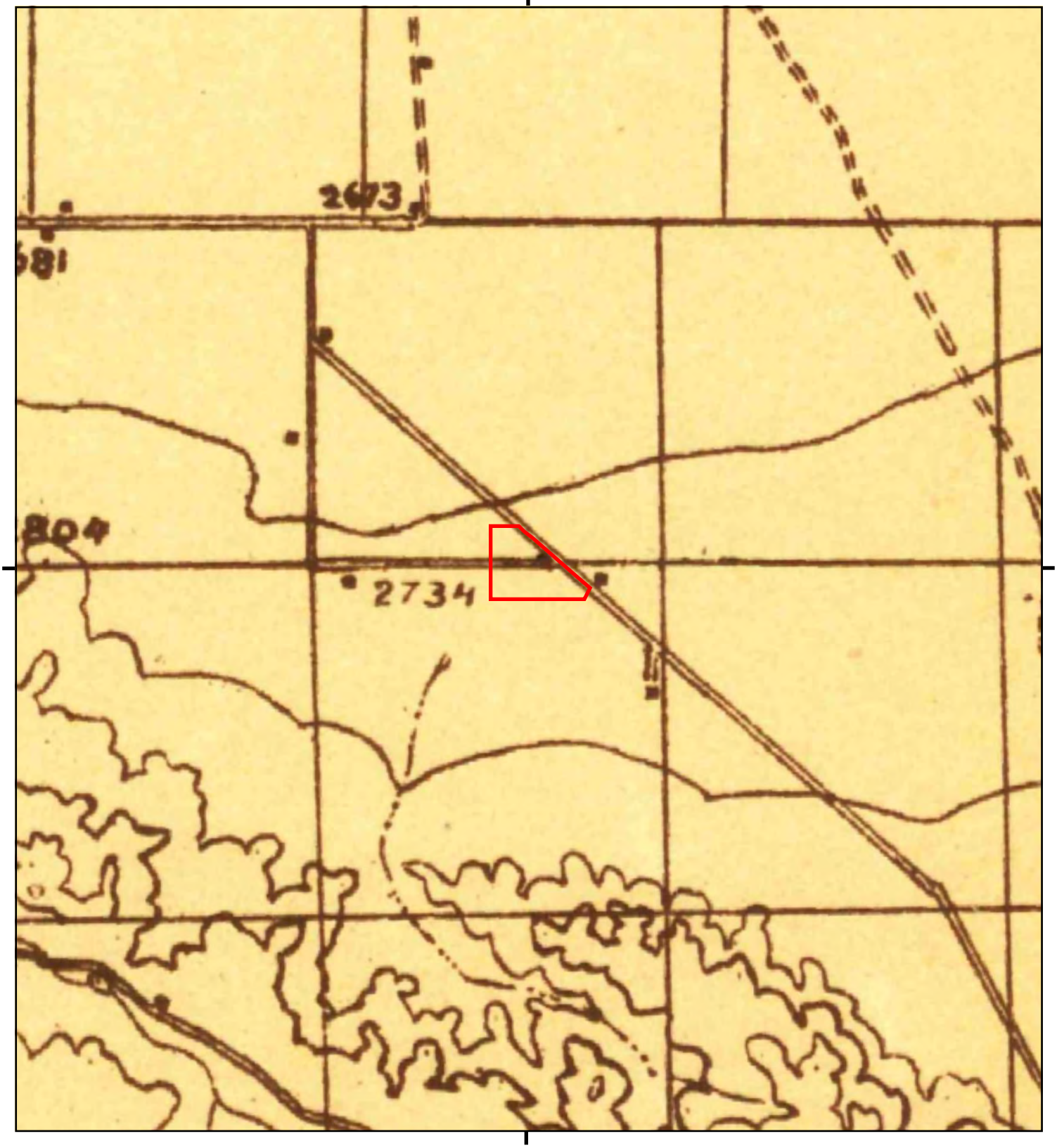
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Elizabeth Lake, 1917, 30-minute

SITE NAME: PFJ #1267
ADDRESS: Highway 138/Pearblossom Highway
Palmdale, CA 93552
CLIENT: Broadbent & Associates

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Elizabeth Lake, 1915, 30-minute

SITE NAME: PFJ #1267
ADDRESS: Highway 138/Pearblossom Highway
Palmdale, CA 93552
CLIENT: Broadbent & Associates

N

PFJ #1267

Highway 138/Pearblossom Highway

Palmdale, CA 93552

Inquiry Number: 6054644.8

May 01, 2020

The EDR Aerial Photo Decade Package

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

EDR Aerial Photo Decade Package

05/01/20

Site Name:

PFJ #1267
Highway 138/Pearblossom Hig
Palmdale, CA 93552
EDR Inquiry # 6054644.8

Client Name:

Broadbent & Associates
8 West Pacific Ave
Henderson, NV 89015
Contact: Stephanie Holst

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Flight Date: June 07, 2002	USDA
1994	1"=500'	Acquisition Date: June 01, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: September 04, 1989	USDA
1983	1"=500'	Flight Date: November 03, 1983	EDR Proprietary Brewster Pacific
1972	1"=500'	Flight Date: October 11, 1972	EDR Proprietary Brewster Pacific
1970	1"=500'	Flight Date: April 03, 1970	EDR Proprietary Brewster Pacific
1968	1"=500'	Flight Date: March 28, 1968	Teledyne
1953	1"=500'	Flight Date: April 15, 1953	USDA
1948	1"=500'	Flight Date: November 20, 1948	USDA
1940	1"=500'	Flight Date: May 01, 1940	USDA
1928	1"=500'	Flight Date: January 01, 1928	FAIR

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INQUIRY #: 6054644.8
YEAR: 2016
= 500'
N
EDR


INQUIRY #: 6054644.8
YEAR: 2012
= 500'
N
EDR

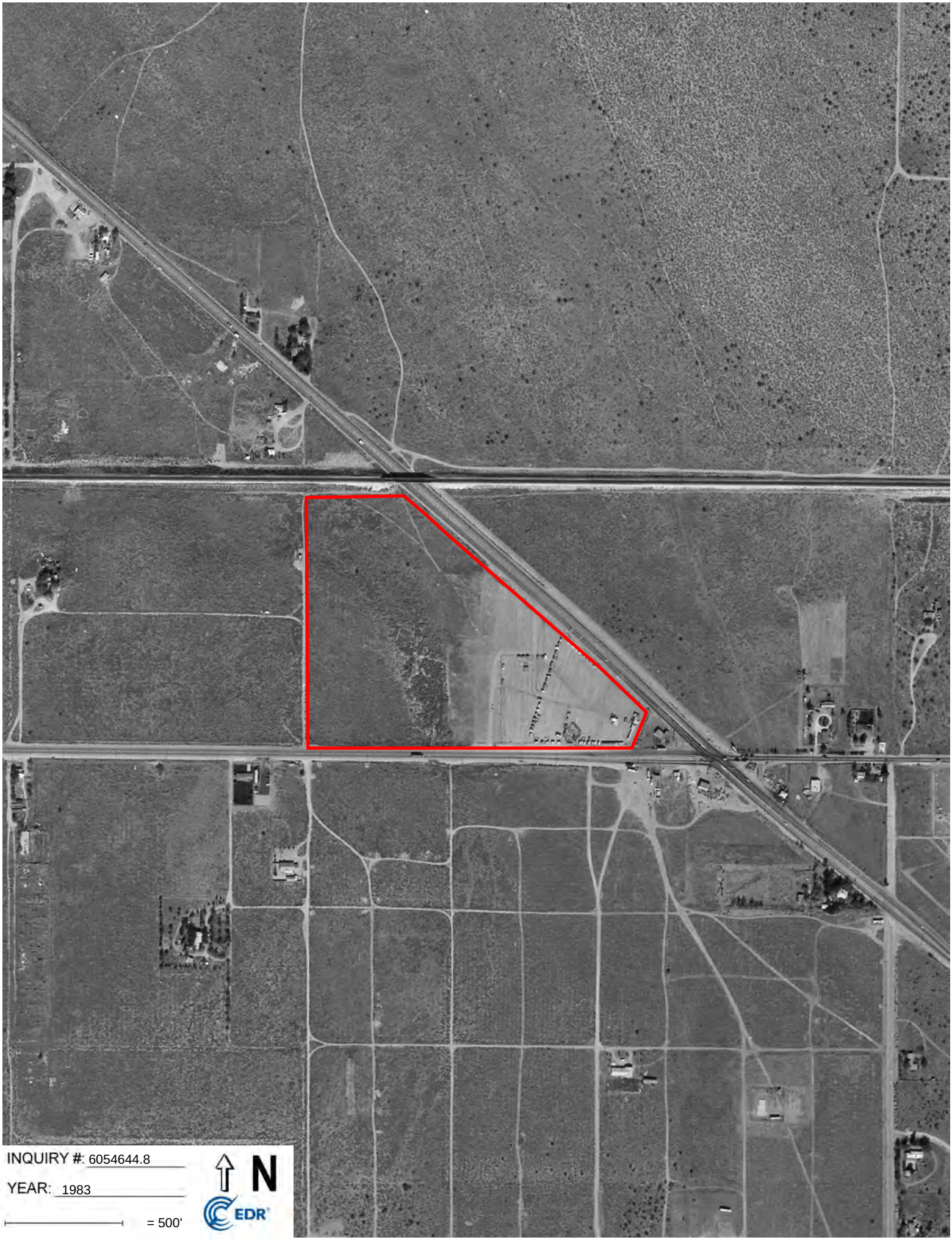

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= 500'
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EDR

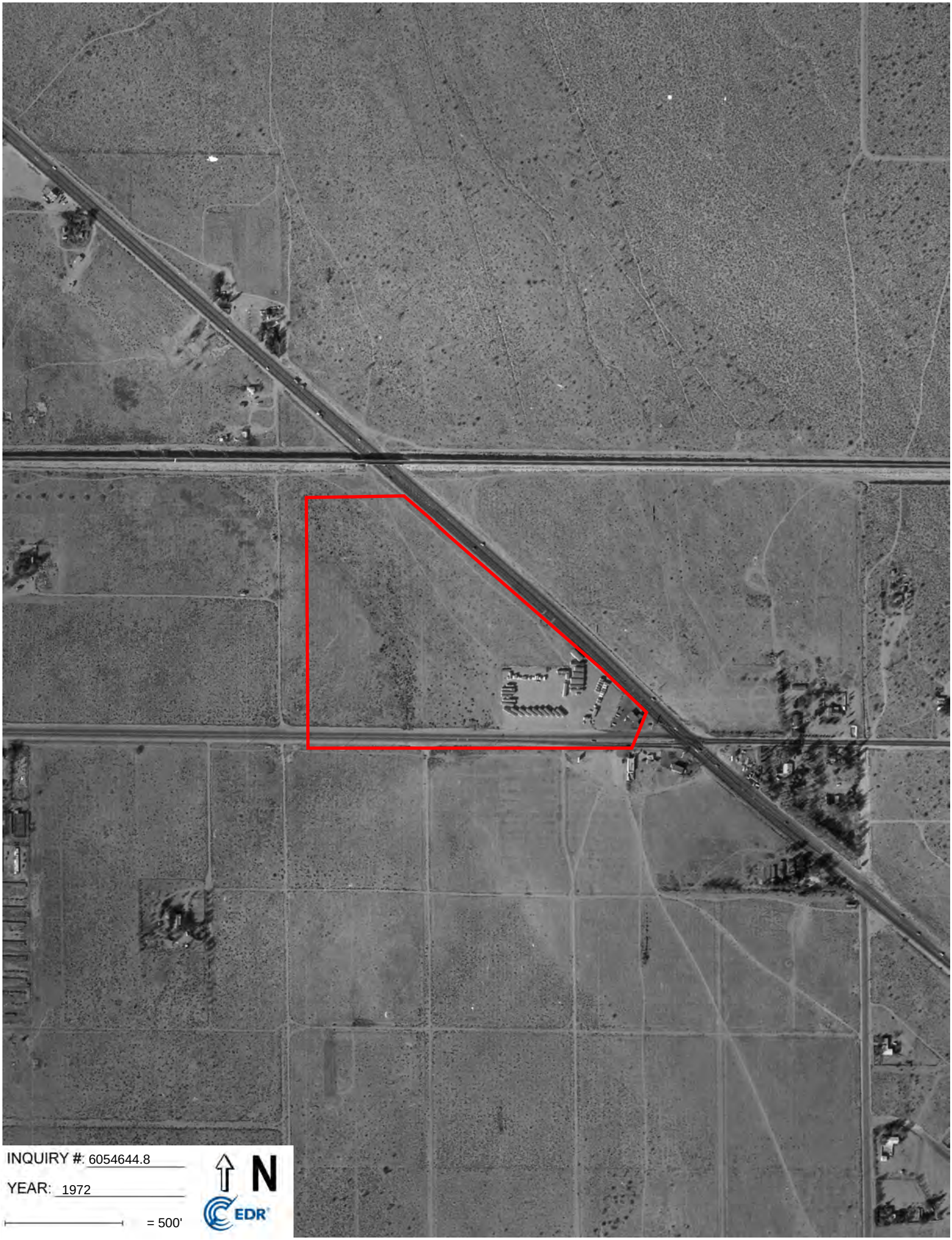

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EDR

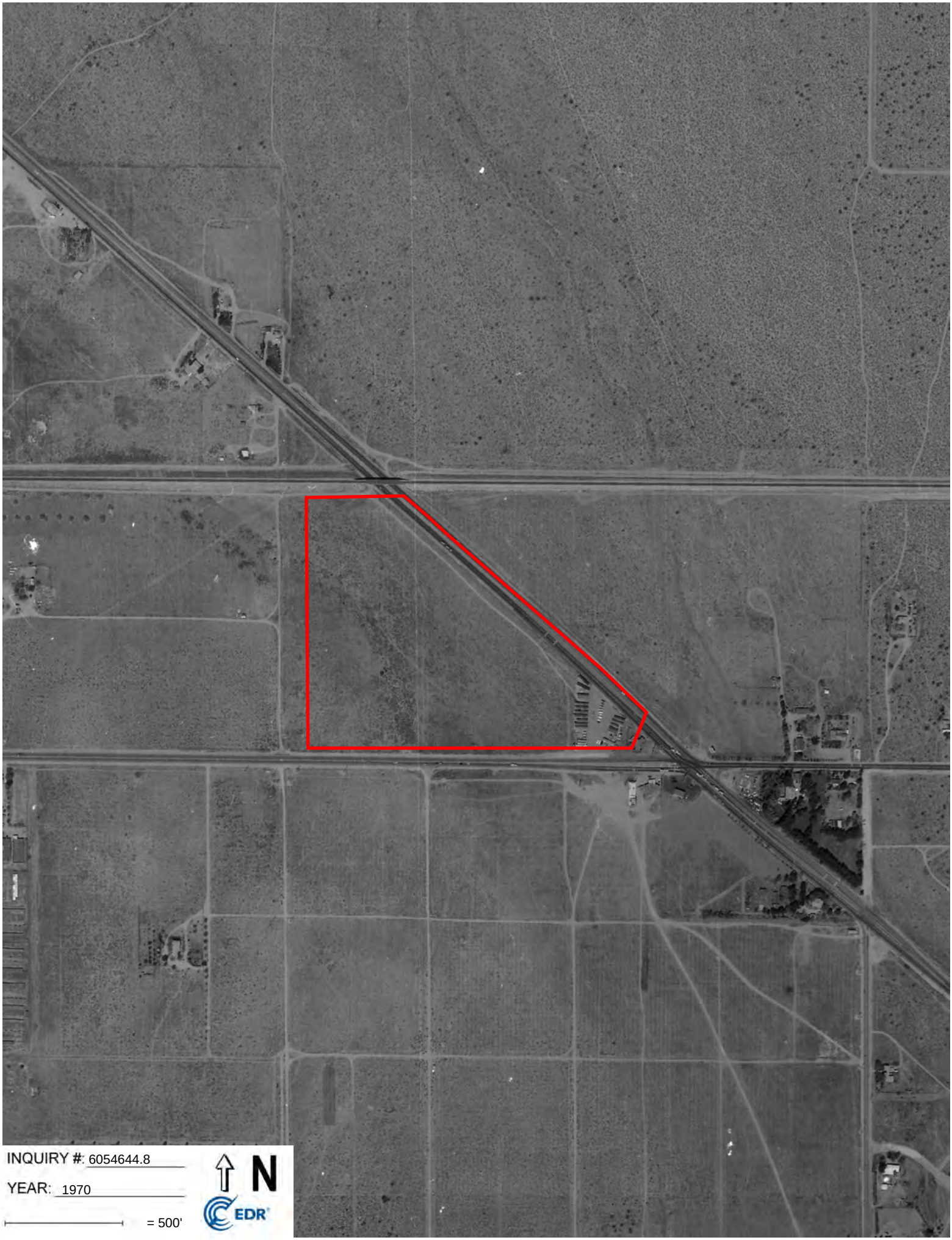

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= 500'
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EDR


INQUIRY #: 6054644.8
YEAR: 1994
= 500'
N
EDR

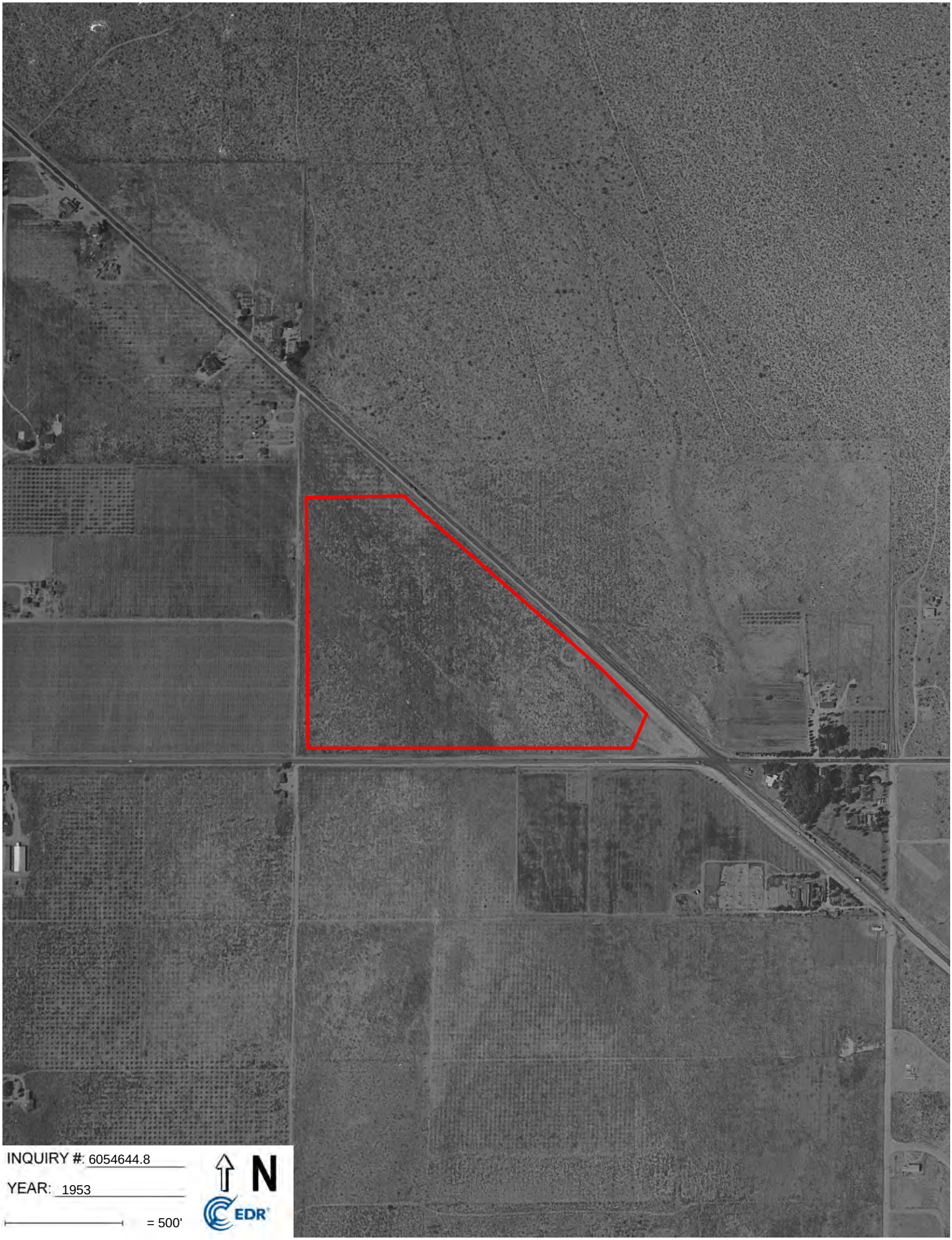

INQUIRY #: 6054644.8
YEAR: 1989
= 500'
N
EDR


INQUIRY #: 6054644.8
YEAR: 1983
= 500'
N
EDR


INQUIRY #: 6054644.8
YEAR: 1972
= 500'
N
EDR


INQUIRY #: 6054644.8
YEAR: 1970
= 500'
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EDR


INQUIRY #: 6054644.8
YEAR: 1968
= 500'
N
EDR



INQUIRY #: 6054644.8

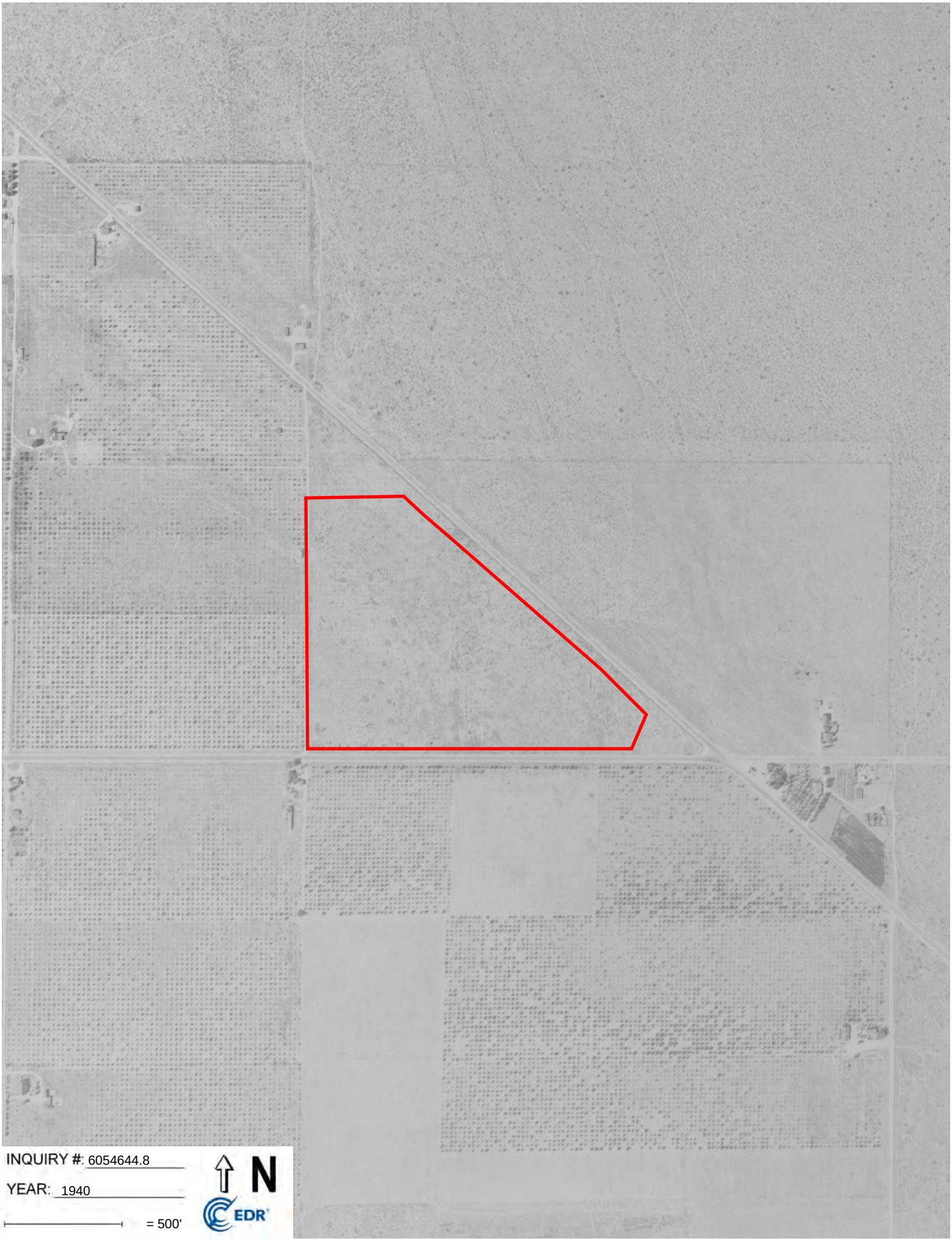
YEAR: 1953

= 500'

N

EDR


INQUIRY #: 6054644.8
YEAR: 1948
= 500'
N
EDR



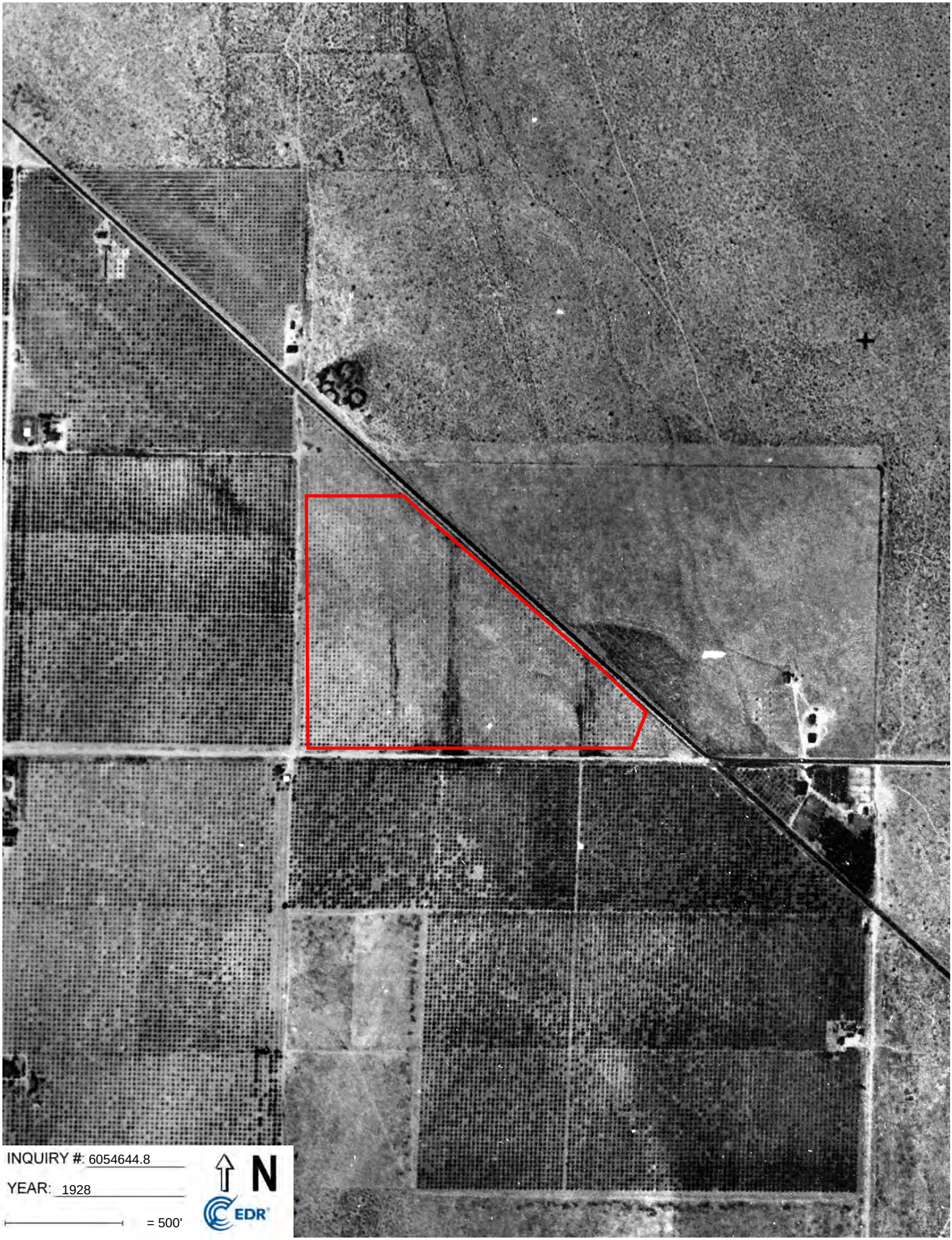
INQUIRY #: 6054644.8

YEAR: 1940

= 500'

N

EDR


INQUIRY #: 6054644.8
YEAR: 1928
= 500'
N
EDR

PFJ #1267
Highway 138/Pearblossom Highway
Palmdale, CA 93552

Inquiry Number: 6054644.5
May 01, 2020

The EDR-City Directory Abstract

Environmental Data Resources Inc

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

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with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

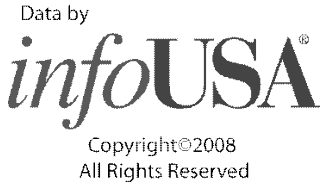
Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

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

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2014	Cole Information Services	-	X	X	-
2009	Cole Information Services	-	-	-	-
	Cole Information Services	-	X	X	-
2006	Haines Company	-	-	-	-
2004	Cole Information Services	-	-	-	-
	Cole Information Services	-	X	X	-
	Haines Company	-	X	X	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	-	-	-
2000	Pacific Bell Telephone	-	X	X	-
1999	Cole Information Services	-	-	-	-
	Cole Information Services	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1999	Haines Company	-	-	-	-
1996	GTE	-	-	-	-
1995	Pacific Bell Telephone	-	X	X	-
1994	Cole Information Services	-	-	-	-
	Cole Information Services	-	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	-	-	-
1990	PACIFIC BELL WHITE PAGES	-	-	-	-
1986	Pacific Bell	-	-	-	-
1985	Pacific Bell Telephone	-	X	X	-
1981	Pacific Telephone	-	-	-	-
1980	Pacific Telephone Co	-	-	-	-
1976	R.L. Polk & Co Publishers	-	X	X	-
1975	Pacific Telephone	-	-	-	-
1972	R. L. Polk & Co.	-	-	-	-
1971	B&G Publications	-	X	X	-
1970	Pacific Telephone	-	-	-	-
1969	Pacific Telephone	-	-	-	-
1967	R. L. Polk & Co.	-	-	-	-
1966	Pacific Telephone	-	-	-	-
1965	General Telephone Company	-	X	X	-
1964	Pacific Telephone	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	-	-	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	-	-	-
1958	Pacific Telephone	-	-	-	-
1957	Pacific Telephone	-	-	-	-
1956	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	-	-	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Los Angeles Directory Co Publishers	-	-	-	-
1950	Pacific Telephone	-	-	-	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Los Angeles Directory Co.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Southern California Telephone Co	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	-	-	-
1940	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Company Publishers	-	-	-	-
1937	Los Angeles Directory Co.	-	-	-	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	-	-	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Company Publishers	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	-	-	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	-	-	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
5564 Fort Tejon Road	Client Entered	X
5510 Pearblossom Highway	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

Highway 138/Pearblossom Highway
Palmdale, CA 93552

FINDINGS DETAIL

Target Property research detail.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

FORT TEJON RD

5564 FORT TEJON RD

Year	*Uses*	*Source*
2014	OCCUPANT UNKNOWN	Cole Information Services
	FOUR POINTS MINI MARKET	Cole Information Services
2009	LIQUOR KING	Cole Information Services
	FOUR POINTS MINI MARKET	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	FOUR POINTS MINI MARKET	Cole Information Services
1999	FOUR POINTS MINI MARKET	Cole Information Services
1994	FOUR POINTS MINI MARKET	Cole Information Services

Fort Tejon Road

5564 Fort Tejon Road

Year	*Uses*	*Source*
2004	FOURPOINTSMINI	Haines Company
	MARKET	Haines Company
2000	FOUR POINTS MINI MARKET	Pacific Bell Telephone
1995	FOUR POINTS MINI MARKET	Pacific Bell Telephone
1985	Craig Gary Chevron	Pacific Bell Telephone
1976	JOHNSON CHEVRON	R.L. Polk & Co Publishers
1971	JOES CHEVRON	B&G Publications
1965	Mel Benson Serv	General Telephone Company

Pearblossom Highway

5510 Pearblossom Highway

Year	*Uses*	*Source*
2004	FOUR POINTS	Haines Company
	LIQUOR&MARKET	Haines Company
2000	FOUR POINTS LIQUOR & MARKET	Pacific Bell Telephone
1995	FOUR POINTS LIQUOR & MARKET	Pacific Bell Telephone

FINDINGS

PEARBLOSSOM HWY

5510 PEARBLOSSOM HWY

Year	*Uses*	*Source*
2014	FOUR POINTS LIQUOR & MARKET	Cole Information Services
2009	FOUR POINTS LIQUOR	Cole Information Services
2004	FOUR POINTS LIQUOR & JR MARKET	Cole Information Services
1999	FOUR POINTS LIQUOR & MARKET	Cole Information Services
1994	FOUR POINTS LIQUOR & MARKET	Cole Information Services

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
5510 Pearblossom Highway	2014, 2009, 2006, 2003, 2001, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5510 PEARBLOSSOM HWY	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5564 FORT TEJON RD	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5564 Fort Tejon Road	2014, 2009, 2006, 2003, 2001, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1975, 1972, 1970, 1969, 1967, 1966, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
Highway 138/Pearblossom Highway	2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

Appendix D:

Other Environmental Reports

California Regional Water Quality Control Board
Lahontan Region

Linda S. Adams
Secretary for
Environmental Protection

2501 Lake Tahoe Boulevard, South Lake Tahoe, California 96150
(530) 542-5400 • Fax (530) 544-2271
www.waterboards.ca.gov/lahontan

Arnold Schwarzenegger
Governor

April 22, 2010

Hamid Refai
PO Box 1020
Littlerock, CA 93543-1020

NO FURTHER ACTION REQUIRED, MOBIL/LIQUOR KING, 2802 EAST AVENUE I, LANCASTER, LOS ANGELES COUNTY, UST No. 6B1920012T

This letter confirms the completion of a soil investigation of four former dispensers and underground piping at an underground storage tank (UST) site located at the above described location. Thank you for your cooperation throughout this investigation.

Based on the information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation of the dispensers and piping is in compliance with the requirements of subdivisions (a) and (b) of section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to section 25299.3 of the Health and Safety Code and that no further action related to petroleum release(s) from these sources is required.

This notice is issued pursuant to subdivision (g) of section 25296.10 of the Health and Safety Code.

Please contact our office if you have any questions regarding this matter.

for: HAROLD J. SINGER
EXECUTIVE OFFICER

Enclosure: Case Closure Summary

cc (w/ enclosure): Ngor & Siv Emrith
Tim Smith, LA Co.Environmental Programs Division

Case Closure Summary

I. California Regional Water Quality Control Board, Lahontan Region

Address: **2501 Lake Tahoe Boulevard, South Lake Tahoe, CA 96150**	
Responsible Staff: **Linda Stone**	*Phone:* **530.542.5471**

II. Case Information

Site Name: **Mobil/Liquor King**		
Site Address: **2802 East Avenue I, Lancaster, California**		
UST Case No.: **6B1920012T**	*Local Agency No.*: **009750-009586**	*Cleanup Fund No.*: **na**
Unauthorized Release Form Date: **March 3, 2005**		

Contacts	*Name:*	*Address:*	*Phone #*
Responsible Party/Operator	Hamid Refai	PO Box 1020 Littlerock, CA 93543-1020	unknown
Property Owners	Ngor & Siv Emrith	3542 Camino Hermanos, Lancaster, CA 93536	unknown

Were all landowners listed on the fee title informed of remedial and closure decisions? Yes

III. Release and Site Characterization Information

Cause/Source of Release	*Contents*	*Status*
Four former dispensers and underground piping	gasoline	Removed March 2005

IV(a). Maximum Soil Contaminant Concentrations

Contaminant EPA Method	***Concentration (mg/kg)***		***Contaminant EPA Method***	***Concentration (mg/kg)***	
	Begin Date 2005	***End Date***		***Begin Date 2005***	***End Date***
TPHg 8015	11	ns	*total xylenes 8260B*	1.42	ns
TPHd 8015	ns	ns	*lead*	ns	ns
benzene 8260B	<0.002	ns	*MTBE 8260B*	<0.005	ns
toluene 8260B	0.38	ns	*ETBE, DIPE, TAME 8260B*	<0.005	ns
ethylbenzene 8260B	0.22	ns	*TBA 8260B*	<0.02	ns

Comments. Soil data based on eleven soil samples collected at 3 feet bgs.

Soil type: sandy silt

Volume Treated/Removed: none

Maximum depth of remaining soil impacted by release: no sampling below 3 feet bgs

Depth of maximum concentrations of TPH-related constituents: Unknown, but since the detections were low at 3 feet bgs, the vertical extent is probably very limited.

IV(b). Maximum Groundwater Contaminant Concentrations

Comments: No groundwater remediation was conducted.	
Were supply wells (domestic, municipal, ag, etc.) affected? No	
Location of closest municipal well: ~1,400 feet southeast.	
Depth of aquifer currently used: 130 feet	*Use of aquifer*: Municipal

IV(c). Surface Water Impacts

Was surface water affected? No

IV(d). Maximum Extent of Any Remaining Contamination

Media	Lateral	Vertical	Contaminants
Soil	Appears to be confined to the dispenser area	Probably limited vertical migration because of the low concentrations at 3 feet bgs.	TPHg, ethlybenzene, toluene, xylenes
Groundwater	na	na	na

V. Free Product

Was floating free product encountered? No, soil investigation did not extent to groundwater.

VI. Human Health and Ecological Risk Evaluation

Was quantitative or qualitative risk evaluation performed? Yes.
If land use changes, should risk be re-evaluated? This closure relates to the former dispensers and underground piping. Therefore the information and conclusions only relate to that portion of the site. There is no information regarding the former or existing USTs or the current dispensers and underground piping.
Has vapor migration pathway to living receptors been evaluated? Yes. Relative low concentrations of volatile compounds, i.e., ethlybenzene, toluene, xylenes, were detected in subsurface soils. This contamination does not appear to extend to nearby buildings. Therefore, vapor migration to the surface does not appear to be a complete pathway.

VII. Remediation Summary and Closure Rationale

Remediation Summary

Site History

During the upgrade of four dispensers and underground piping in March 2005, 11 soil samples were collected at depths of 3 feet. Three of the samples contained low levels TPHg and two of these samples also contained low levels ethylbenzene, toluene, and xylenes. Maximum concentrations detected are shown in Section IVa, above. On April 13, 2009 Los Angeles County referred the site to the Lahontan Water Board.

Remediation

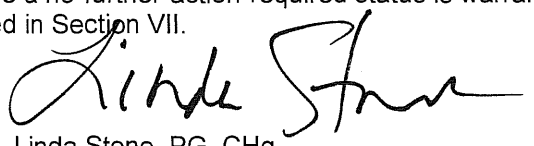
No remediation was conducted.

Closure Rationale

Site closure is appropriate at this site based on the following factors.

- The low levels and limited extent of TPHg, ethylbenzene, toluene, and xylenes in shallow soils do not appear to pose a threat to groundwater, direct contact, or vapor migration.
- The low levels of the contaminants indicate that the release was small and that lateral or vertical migration is probably minimal.
- The nearest municipal supply well 1,400 feet from the site, the depth to groundwater is over 100 feet bgs. There are no nearby surface water. Therefore, the existing contamination poses no or little threat to beneficial uses.

VIII. Form Completed By Linda Stone, PG, CHg.

I believe a no-further-action-required status is warranted for this site based on the closure rationale included in Section VII.  Linda Stone, PG, CHg Date Completed: 4/20/2010	
Position: Engineering Geologist	Agency : Lahontan Regional Water Quality Control Board
Information based on: Report of Soil Sampling, March 2005, Gaston and Associates	

notes:

TPH - total petroleum hydrocarbons
TPHg - TPH, gasoline range
TPHd - TPH, diesel range
MTBE - methyl-tert-butyl ether
TBA - tertiary butyl alcohol
DIPE - di-isopropyl ether,
ETBE - ethyl tertiary butyl ether
TAME - tertiary amyl methyl ether
BETX – benzene, ethylbenzene, toluene, and total xylenes
UST – underground storage tank
na - not applicable
ns - not sampled
mg/kg – milligrams per kilogram
µg/L – micrograms per liter
bgs – below ground surface

EFR/CLSR APSB 9750-9586 ED

GASTON & ASSOCIATES

Environmental Consulting
Environmental Litigation and Transactional Support

20 Truman, Suite 108
Irvine, California 92620
phone (949) 262-0440 fax (949) 262-0750

March 18, 2005

County of Los Angeles, Department of Public Works
Environmental Program Division
900 S. Fremont Avenue
Alhambra, CA 91803-1331

Subject: Report of Soil Sampling at the Mobil/Liquor King located at 5564 Fort Tejon Road, Palmdale, CA 91356

Dear County of Los Angeles:

Enclosed for your review is the report of the recent soil sampling at the above site.

If there are any questions, please call at (949) 262-0440.

Respectfully submitted,

GASTON and ASSOCIATES

Wilbert P. Gaston

Wilbert P. Gaston, R.G. 4540
Principal Consultant

C446903

A 413727

REPORT of SOIL SAMPLING at the MOBIL/LIQUOR KING 5564 Fort Tejon Road Palmdale, CA 91356

Prepared For:

Mr. Fred Maczej
LJM Construction
445 Whitegate Road
Newbury Park, CA 91320

March 18, 2005

Prepared By:

GASTON and ASSOCIATES
20 Truman, Suite 108
Irvine, California 92620

telephone (949) 262-0440
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Erika Sharp
Erika Sharp
Project Scientist

Wilbert P Gaston
Wilbert P. Gaston, PG 4540
Principal Consultant

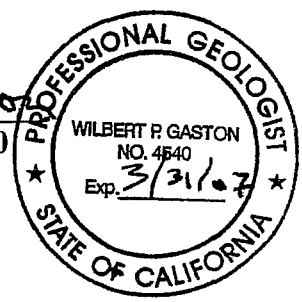


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TABLE 1 SOIL SAMPLE LABORATORY RESULTS 3

FIGURE 1 SITE VICINITY MAP
FIGURE 2 SITE PLAN

APPENDIX A SOIL SAMPLE LABORATORY REPORTS AND CHAIN-OF-CUSTODY RECORDS

EXECUTIVE SUMMARY

The Mobil/Liquor King located at 5564 Fort Tejon Road, Palmdale, CA recently initiated the process to upgrade the dispensers and underground piping at the gasoline station.

Eleven soil samples were obtained on March 3, 2005 from beneath the four former dispensers, underground piping and adjacent soil stockpiles.

All of the samples were tested for BTEX and MTBE using EPA methods 8260B and 5035. The samples were also tested for TPH-g as gasoline using modified EPA method 8015 and ethanol using EPA Method 8015B.

The results of the laboratory testing indicate that benzene, MTBE and ethanol were not detected in any of the eleven samples. TPH-g was detected in three of the eleven samples; D-1-3' at 11 mg/kg, P-1-3' at 6.7 mg/kg and P-5-3' at 0.86 mg/kg. Total xylenes were detected in two samples D-1-3 at 0.031 mg/kg and P-1-3 at 1.42 mg/kg.

Based upon the laboratory results, no further action is requested and site closure is recommended.

REPORT of SOIL SAMPLING at the
MOBIL/LIQUOR KING
5564 Fort Tejon Road
Palmdale, CA 91356

1.0 SITE BACKGROUND

The subject site is the Mobil Gas Station and Liquor King located at 5564 Fort Tejon Road, Palmdale, California. The site location is shown on Figures 1 and 2.

The four dispensers and underground piping were being upgraded at the above referenced site. As part of the upgrade procedure, soil samples were collected beneath the dispensers, piping and at the excavated stockpiles.

1.1 Previous Investigations

To our knowledge, there have been no previous environmental assessments conducted at this site regarding the underground gasoline dispensers and piping that are the subject of this report.

1.2 Site Use

The property is currently under the jurisdiction of the County of Los Angeles.

2.0 LOCAL GEOLOGY AND HYDROGEOLOGY

2.1 Geology

The site is situated within the Transverse Ranges. The site is at an elevation of about 2750 feet above mean sea level. The soils are composed primarily of sandy silt.

2.2 Hydrogeology

The site is not no located within a designated Groundwater Basin. The depth to groundwater is not known. However, it is estimated that groundwater is located at a depth between 75 to 85 feet.

3.0 SCOPE OF WORK

The purpose of the work conducted at the site was to upgrade the four dispensers and underground piping connected to the underground gasoline storage tanks. In order to upgrade the dispensers and piping, soil samples were collected to determine if a release of hydrocarbons had occurred. The field sample collection was conducted under the supervision of a California Registered Geologist. The tank systems are shown on Figure 2. An inspector of the County of Los Angeles did not arrived at the site to witness the soil sampling.

3.1 Soil Sampling

Soil samples were obtained from the dispensers, piping and the excavated stockpiles. A total of eleven samples were collected at the site on March 3, 2005.

The samples were collected using the brass sleeves and then re-cored into En Core™ sampler. The En Core™ samples were sealed and placed into a chilled ice chest pending transport to the laboratory for analysis.

4.0 REVIEW OF LABORATORY RESULTS

The samples were transported in a chilled condition to a California-certified analytical laboratory (Cal Tech Environmental Laboratories in Paramount, California) on the same day as taken, maintaining chain-of-custody documentation to ensure sample integrity. The samples obtained were tested in accordance with the requirements of the County of Los Angeles. All of the samples were tested for benzene, toluene, ethylbenzene, total xylenes (BTEX) and methyl-tertiary-butyl-ether (MTBE) using EPA methods 8260B and 5035. The samples were also tested for total petroleum hydrocarbons as gas (TPH-g) using modified EPA method 8015 and ethanol d using EPA method 8015B.

4.1 Soil Sample Results

The results of the laboratory testing indicate that benzene, MTBE and ethanol were not detected in any of the eleven samples. TPH-g was detected in three of the eleven samples; D-1-3' at 11 mg/kg, P-1-3' at 6.7 mg/kg and P-5-3' at 0.86 mg/kg. Total xylenes were detected in two samples D-1-3 at 0.031 mg/kg and P-1-3 at 1.42 mg/kg.

The sample results are shown on Table 1 and Figure 2. The official laboratory reports and chain-of-custody records are included in Appendix B.

TABLE 1
March 3, 2005
SOIL SAMPLE LABORATORY RESULTS
(All concentrations in mg/kg)

Sample ID	TPH-g	Ethanol	B	T	E	X	MTBE	1,3,5-T	1,2,4-T	N	I	n-P
D-1-3'	11	ND	ND	0.010	ND	0.031	ND	0.026	0.11	0.20	ND	ND
D-2-3'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
D-3-3'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
D-4-3'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-1-3'	6.7	ND	ND	0.38	0.22	1.42	ND	0.26	0.82	0.15	0.032	0.12
P-2-3'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-3-3'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-4-3'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-5-3'	0.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SP-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SP-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit	0.1 mg/kg	0.1 mg/kg	0.002 mg/kg	0.002 mg/kg	0.002 mg/kg	0.004 mg/kg	0.005 mg/kg	0.005 mg/kg	0.005 mg/kg	0.005 mg/kg	0.005 mg/kg	0.005 mg/kg

Notes:
See official laboratory reports in Appendix C for complete list of analytes. All other compounds were not detected.
TPH-g = Total Petroleum as gasoline
B = Benzene, T= Toluene E= Ethylbenzene X = Total Xylenes MTBE = methyl-tert-butyl-ether
1,3,5-T = 1,3,5-Trimethylbenzene 1,2,4-T = 1,2,4-Trimethylbenzene
N = Naphthalene I = Isopropylbenzene n-P = n-Propylbenzene
ND = Not detected at or above method detection limit – = not tested

5.0 SUMMARY AND CONCLUSIONS

The results of the laboratory testing indicate that benzene, MTBE and ethanol were not detected in any of the eleven samples. TPH-g was detected in three of the eleven samples; D-1-3' at 11 mg/kg, P-1-3' at 6.7 mg/kg and P-5-3' at 0.86 mg/kg. Total xylenes were detected in two samples D-1-3 at 0.031 mg/kg and P-1-3 at 1.42 mg/kg.

6.0 RECOMMENDATIONS

Based upon the laboratory results, no further action is requested and site closure is recommended.

7.0 REFERENCES

Metropolitan Water District, 1987, Groundwater Quality and its Impact on Water Supply in the Metropolitan Water District Service Area.

Norris, Robert M. And Robert W. Webb, Geology of California, 1976, John Wiley, 365 p.

United State Geological Survey Topographic Map, Palmdale Oaks, CA Quadrangle, 1958. Photo-revised 1974.

8.0 LIMITATIONS

The conclusions and recommendations presented above are based upon the agreed upon scope of work outlined in the above report. Gaston and Associates makes no warranties or guarantees as to the accuracy or completeness of information obtained from or provided or compiled by others. It is possible that information exists beyond the scope of this investigation that could change the conclusions presented herein. Additional information, which was not found or available to Consultant at the time of writing of this report, may result in a modification of the conclusions and recommendations presented. This report is not a legal opinion. Use or misuse of this report, or reliance upon the findings hereof by any other parties is not authorized. The Consultant does not make any representation or warranty to such other parties as to the accuracy or completeness of this report or the suitability of its use by such other parties for any purpose whatever, known or unknown to the Consultant. The Consultant shall not have any liability to, or indemnify or hold harmless third parties for any losses incurred by the actual or purported use or misuse of this report.

Gaston and Associates does not and cannot represent that the Site does not contain any hazardous substances, contaminants, pollutants, petroleum hydrocarbons, or any other latent conditions beyond that observed by the Consultant during the course of the current scope of work. The scope of this evaluation did not include an evaluation of geotechnical conditions or hazards.

FIGURES

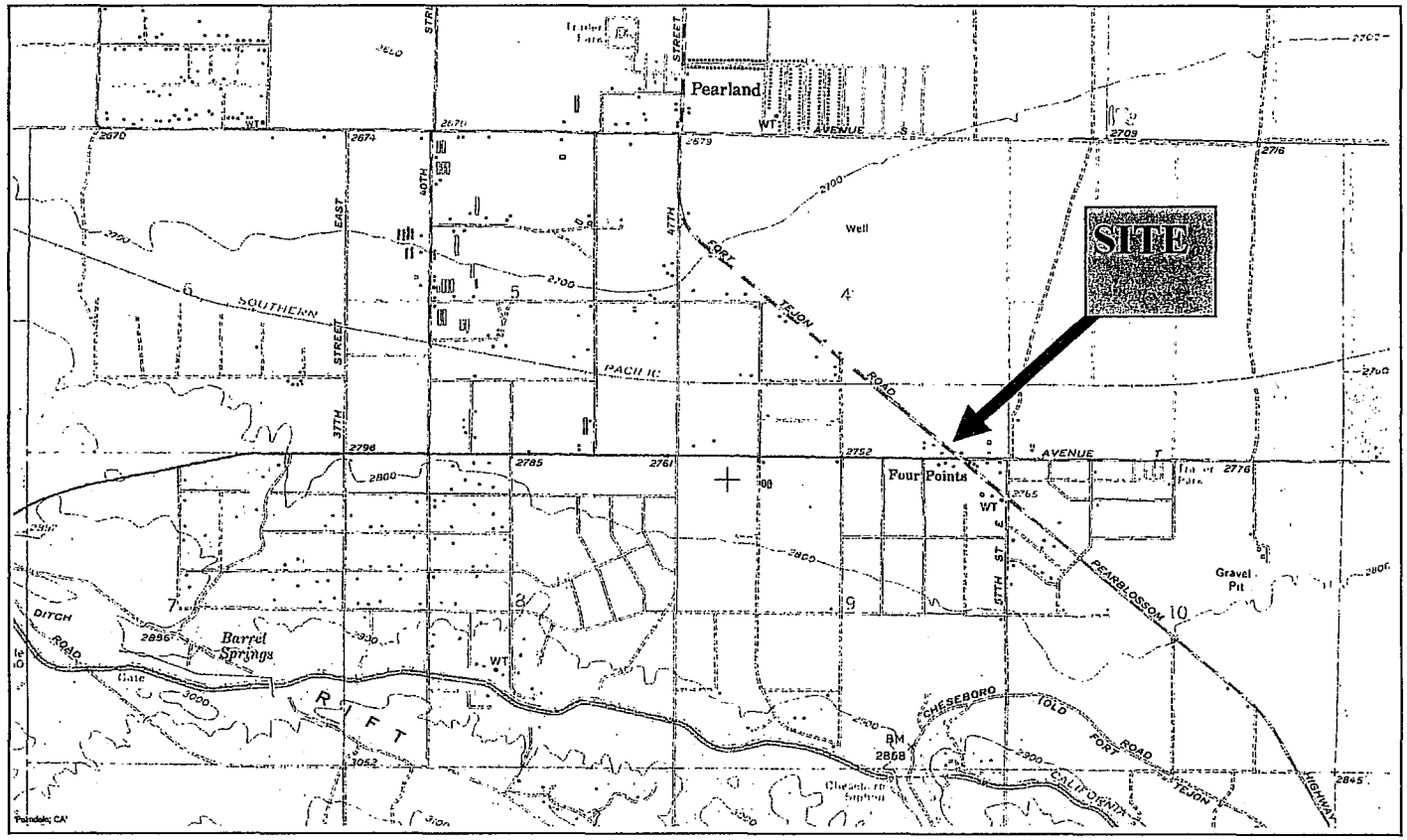


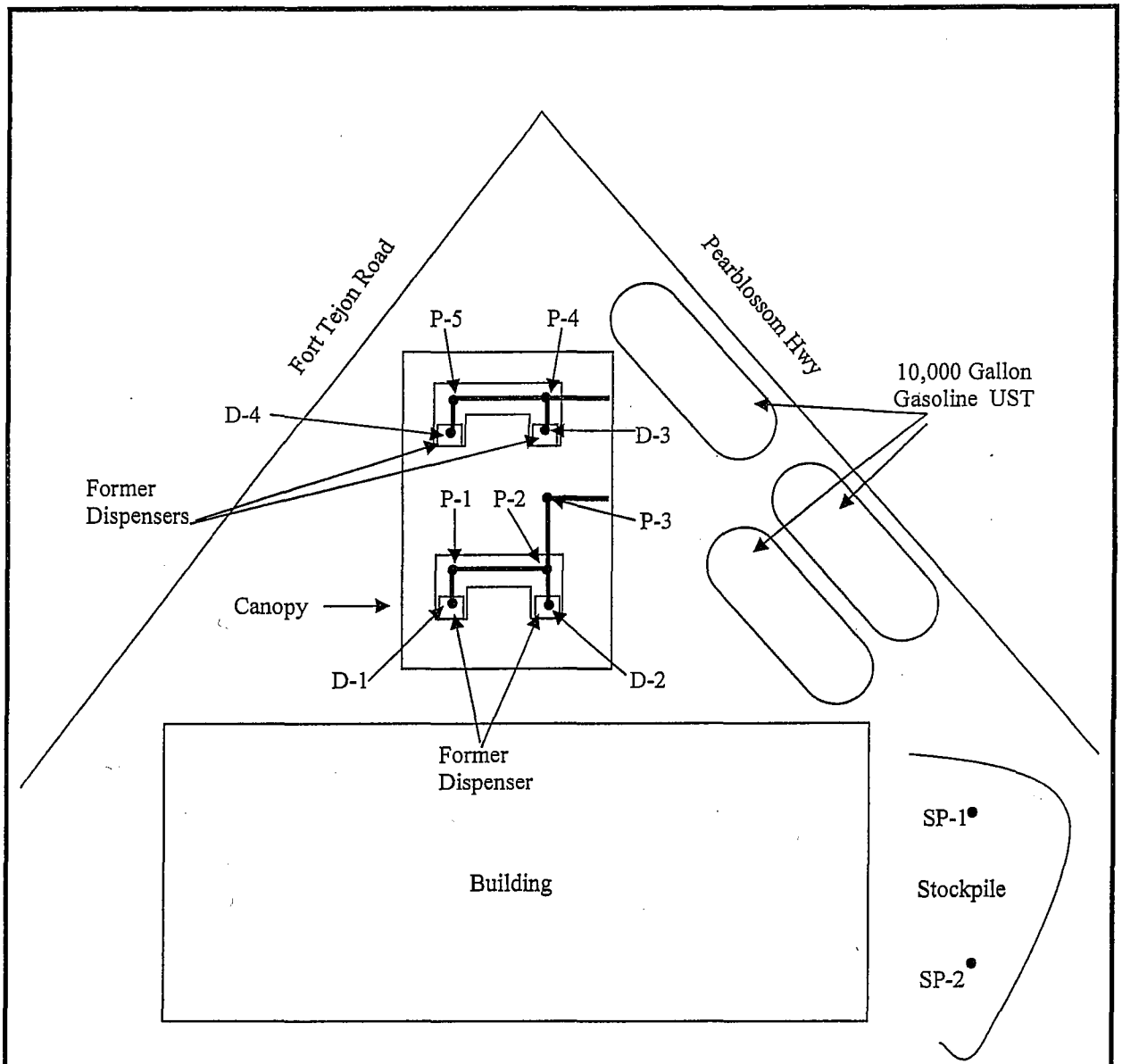
FIGURE 1

SITE LOCATION MAP

Mobil Station
5564 Fort Tejon Road
Palmdale, CA

Source: U.S.G.S. Topographic Map
Palmdale, California Quadrangle, 1958
Photorevised 1974.

Scale: 1" = 24,000"



NORTH

Scale: 1" = 15'

Gaston & Associates	
SITE PLAN	**FIGURE 2**

Mobil/Liquor King
5564 Fort Tejon Road
Palmdale, CA 91356

APPENDIX A

SOIL SAMPLE LABORATORY RESULTS AND CHAIN-OF-CUSTODY RECORDS

CAL TECH Environmental Laboratories

6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

ANALYTICAL RESULTS*

CT206-0503037
Gaston & Associates, Inc.
20 Truman, Suite 108
Irvine, CA 92620
Attention: Mr. Will Gaston

Phone:(949) 262-0440
Fax: (949) 262-0750

LJM – Palmdale

03/03/05 @ 08:00 am
03/03/05 @ 17:00 p.m.
03/04/05 – 03/07/05

Matrix: Soil

	0503-037-1 D-1-3'	0503-037-2 D-2-3'	0503-037-3 D-3-3'	Method	Units:	Detection Limit
Dilution	1-5	1	1			
Dichlorodifluoromethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Chloromethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Vinyl Chloride	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Bromomethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Chloroethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Trichlorofluoromethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Iodomethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Acetone	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,1 Dichloroethene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
t-Butyl Alcohol (TBA)	ND	ND	ND	EPA 8260B	mg/Kg	0.020
Methylene Chloride	ND	ND	ND	EPA 8260B	mg/Kg	0.02
Freon 113	ND	ND	ND	EPA 8260B	mg/Kg	0.01
Carbon disulfide	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Trans 1,2 Dichloroethene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Methyl-tert-butyl-ether (MtBE)	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,1 Dichloroethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Vinyl acetate	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Diisopropyl Ether (DIPE)	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Methyl Ethyl Ketone	ND	ND	ND	EPA 8260B	mg/Kg	0.01
Cis 1,2 Dichloroethene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Bromochloromethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Chloroform	ND	ND	ND	EPA 8260B	mg/Kg	0.005
2,2-Dichloropropane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Ethyl-t-butyl ether (ETBE)	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,1,1-Trichloroethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,2-Dichloroethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,1-Dichloropropene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Carbon Tetrachloride	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Benzene	ND	ND	ND	EPA 8260B	mg/Kg	0.002
t-Amyl Methyl Ether (TAME)	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,2-Dichloropropane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Trichloroethene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Dibromomethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Bromodichloromethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
2-Chloroethylvinylether	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Cis,-1,3 Dichloropropene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
4-Methyl-2-pentanone (MI)	ND	ND	ND	EPA 8260B	mg/Kg	0.01
Trans-1,3-Dichloropropene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Toluene	0.010	ND	ND	EPA 8260B	mg/Kg	0.002
1,1,2-Trichloroethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005

CTEL Project No: CT206-0503037

Client Project Name: LJM – Palmdale

Laboratory ID:	0503-037-1	0503-037-2	0503-037-3	Method	Units	Detection Limit
Client Sample ID:	D-1-3'	D-2-3'	D-3-3'			
1,2-Dibromoethane(EDB)	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,3-Dichloropropane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Dibromochloromethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
2-Hexanone	ND	ND	ND	EPA 8260B	mg/Kg	0.01
Tetrachloroethene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Chlorobenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,1,1,2-Tetrachloroethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Ethylbenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.002
m,p-Xylene	0.020	ND	ND	EPA 8260B	mg/Kg	0.002
Bromoform	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Styrene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
o Xylene	0.011	ND	ND	EPA 8260B	mg/Kg	0.002
1,1,2,2-Tetrachloroethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,2,3-Trichloropropane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Isopropylbenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Bromobenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
2-Chlorotoluene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
n-Propylbenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
4-Chlorotoluene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,3,5-Trimethylbenzene	0.026	ND	ND	EPA 8260B	mg/Kg	0.005
tert-Butylbenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,2,4-Trimethylbenzene	0.11	ND	ND	EPA 8260B	mg/Kg	0.005
sec-Butylbenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,3-Dichlorobenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,4-Dichlorobenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
p-Isopropyltoluene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,2-Dichlorobenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
n Butylbenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,2-Dibromo-3-Chloropropane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,2,4-Trichlorobenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Naphthalene	0.204	ND	ND	EPA 8260B	mg/Kg	0.005
1,2,3-Trichlorobenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Hexachlorobutadiene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Ethanol	ND	ND	ND	EPA 8015B	mg/Kg	0.1
TPH – Gasoline	11	ND	ND	EPA 8015M	mg/Kg	0.1

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	97	94	95	70-130
1,2-Dichloromethane-d4	96	91	94	70-130
Toluene-d8	93	87	90	70-130
Bromofluorobenzene	98	98	95	70-130

CT206-0503037
Gaston & Associates, Inc.
20 Truman, Suite 108
Irvine, CA 92620
Mr. Will Gaston

Phone:(949) 262-0440
Fax: (949) 262-0750

LJM – Palmdale

03/03/05 @ 08:00 am
03/03/05 @ 17:00 p.m.
03/04/05 – 03/07/05

Matrix: Soil

Lab or Work ID Client Sample ID **Dilution**	0503-037-4 D-4-3' 1	0503-037-5 P-1-3' 1-5	0503-037-6 P-2-3' 1	**Method**	**Units:**	**Detection Limit**
Dichlorodifluoromethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Chloromethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Vinyl Chloride	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Bromomethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Chloroethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Trichlorofluoromethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Iodomethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Acetone	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,1-Dichloroethene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
t-Butyl Alcohol (TBA)	ND	ND	ND	EPA 8260B	mg/Kg	0.020
Methylene Chloride	ND	ND	ND	EPA 8260B	mg/Kg	0.02
Freon 113	ND	ND	ND	EPA 8260B	mg/Kg	0.01
Carbon disulfide	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Trans 1,2 Dichloroethene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Methyl-tert-butyl-ether (MtBE)	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,1 Dichloroethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Vinyl acetate	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Diisopropyl Ether (DIPE)	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Methyl Ethyl Ketone	ND	ND	ND	EPA 8260B	mg/Kg	0.01
Cis 1,2 Dichloroethene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Bromochloromethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Chloroform	ND	ND	ND	EPA 8260B	mg/Kg	0.005
2,2-Dichloropropane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Ethyl-t-butyl ether (ETBE)	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,1,1-Trichloroethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,2-Dichloroethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,1-Dichloropropene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Carbon Tetrachloride	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Benzene	ND	ND	ND	EPA 8260B	mg/Kg	0.002
t-Amyl Methyl Ether (TAME)	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,2-Dichloropropane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Trichloroethene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Dibromomethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Bromodichloromethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
2-Chloroethylvinylether	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Cis,-1,3 Dichloropropene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	EPA 8260B	mg/Kg	0.01
Trans-1,3-Dichloropropene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Toluene	ND	0.18	ND	EPA 8260B	mg/Kg	0.002
1,1,2-Trichloroethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005

CTEL Project No: CT206-0503037

Project Name: LJM – Palmdale

Laboratory ID / Client Sample ID	0503-037-4 D-4-3'	0503-037-5 P-1-3'	0503-037-6 P-2-3'	Method	Units	Detection Limit
1,2-Dibromoethane (EDB)	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,3-Dichloropropane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Dibromochloromethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
2-Hexanone	ND	ND	ND	EPA 8260B	mg/Kg	0.01
Tetrachloroethene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Chlorobenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,1,1,2-Tetrachloroethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Ethylbenzene	ND	0.22	ND	EPA 8260B	mg/Kg	0.002
m,p-Xylene	ND	0.97	ND	EPA 8260B	mg/Kg	0.002
Bromoform	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Styrene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
o Xylene	ND	0.45	ND	EPA 8260B	mg/Kg	0.002
1,1,2,2-Tetrachloroethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,2,3-Trichloropropane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Isopropylbenzene	ND	0.032	ND	EPA 8260B	mg/Kg	0.005
Bromobenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
2-Chlorotoluene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
n-Propylbenzene	ND	0.12	ND	EPA 8260B	mg/Kg	0.005
4-Chlorotoluene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,3,5-Trimethylbenzene	ND	0.26	ND	EPA 8260B	mg/Kg	0.005
tert-Butylbenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,2,4-Trimethylbenzene	ND	0.82	ND	EPA 8260B	mg/Kg	0.005
sec-Butylbenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,3-Dichlorobenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,4-Dichlorobenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
p-Isopropyltoluene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,2-Dichlorobenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
n-Butylbenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,2-Dibromo-3-Chloropropane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,2,4-Trichlorobenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Naphthalene	ND	0.15	ND	EPA 8260B	mg/Kg	0.005
1,2,3-Trichlorobenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Hexachlorobutadiene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Ethanol	ND	ND	ND	EPA 8015B	mg/Kg	0.1
TPH – Gasoline	ND	6.7	ND	EPA 8015M	mg/Kg	0.1

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	101	95	92	70-130
1,2-Dichloromethane-d4	103	98	92	70-130
Toluene-d8	97	106	94	70-130
Bromofluorobenzene	92	96	92	70-130

Project No: / Client Name:	CT206-0503037 Gaston & Associates, Inc.
	20 Truman, Suite 108 Irvine, CA 92620
Attention:	Mr. Will Gaston
	Phone:(949) 262-0440 **Fax: (949) 262-0750**
Project ID: / Project Number:	LJM – Palmdale
Date Sampled: / Date Received: / Date Analyzed:	03/03/05 @ 08:00 am 03/03/05 @ 17:00 p.m. 03/04/05 – 03/07/05
	Matrix: Soil

Laboratory ID: / Client Sample ID:	0503-037-7 P-3-3'	0503-037-8 P-4-3'	0503-037-9 P-5-3'	Method	Units:	Detection Limit
Dilution	1	1	1			
Dichlorodifluoromethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Chloromethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Vinyl Chloride	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Bromomethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Chloroethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Trichlorofluoromethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Iodomethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Acetone	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,1 Dichloroethene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
t-Butyl Alcohol (TBA)	ND	ND	ND	EPA 8260B	mg/Kg	0.020
Methylene Chloride	ND	ND	ND	EPA 8260B	mg/Kg	0.02
Freon 113	ND	ND	ND	EPA 8260B	mg/Kg	0.01
Carbon disulfide	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Trans 1,2 Dichloroethene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Methyl-tert-butyl-ether(MtBE)	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,1 Dichloroethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Vinyl acetate	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Diisopropyl Ether (DIPE)	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Methyl Ethyl Ketone	ND	ND	ND	EPA 8260B	mg/Kg	0.01
Cis 1,2 Dichloroethene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Bromochloromethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Chloroform	ND	ND	ND	EPA 8260B	mg/Kg	0.005
2,2-Dichloropropane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Ethyl-t-butyl ether (ETBE)	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,1,1-Trichloroethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,2-Dichloroethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,1-Dichloropropene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Carbon Tetrachloride	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Benzene	ND	ND	ND	EPA 8260B	mg/Kg	0.002
t-Amyl Methyl Ether (TAME)	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,2-Dichloropropane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Trichloroethene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Dibromomethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Bromodichloromethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
2-Chloroethylvinylether	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Cis,-1,3 Dichloropropene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
4-Methyl-2-pentanone(MI	ND	ND	ND	EPA 8260B	mg/Kg	0.01
Trans-1,3-Dichloropropene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Toluene	ND	ND	ND	EPA 8260B	mg/Kg	0.002
1,1,2-Trichloroethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005

CTDL Project No: CT206-0503037

Project ID:
Project Name: LJM – Palmdale

Laboratory ID: Client Sample ID:	0503-037-7 P-3-3'	0503-037-8 P-4-3'	0503-037-9 P-5-3'	Method	Units	Detection Limit
1,2-Dibromoethane(EDB)	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,3-Dichloropropane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Dibromochloromethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
2-Hexanone	ND	ND	ND	EPA 8260B	mg/Kg	0.01
Tetrachloroethene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Chlorobenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,1,1,2-Tetrachloroethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Ethylbenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.002
m,p- Xylene	ND	ND	ND	EPA 8260B	mg/Kg	0.002
Bromoform	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Styrene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
o Xylene	ND	ND	ND	EPA 8260B	mg/Kg	0.002
1,1,2,2-Tetrachloroethane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,2,3-Trichloropropane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Isopropylbenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Bromobenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
2-Chlorotoluene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
n-Propylbenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
4-Chlorotoluene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,3,5-Trimethylbenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
tert-Butylbenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,2,4-Trimethylbenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
sec-Butylbenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,3-Dichlorobenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,4-Dichlorobenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
p-Isopropyltoluene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,2-Dichlorobenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
n Butylbenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,2-Dibromo-3-Chloropropane	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,2,4-Trichlorobenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Naphthalene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
1,2,3-Trichlorobenzene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Hexachlorobutadiene	ND	ND	ND	EPA 8260B	mg/Kg	0.005
Ethanol	ND	ND	ND	EPA 8015B	mg/Kg	0.1
TPH – Gasoline	ND	ND	0.86	EPA 8015M	mg/Kg	0.1

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	99	91	94	70-130
1,2-Dichloromethane-d4	101	92	99	70-130
Toluene-d8	81	88	82	70-130
Bromofluorobenzene	90	94	95	70-130

CTEL Project No: CT206-0503037
Client Name: Gaston & Associates, Inc.
20 Truman, Suite 108
Irvine, CA 92620
Phone:(949) 262-0440
Fax: (949) 262-0750

Attention: Mr. Will Gaston

Project Name: LJM – Palmdale

Date Sampled: 03/03/05 @ 08:00 am
Date Received: 03/03/05 @ 17:00 p.m.
Date Analyzed: 03/04/05 – 03/07/05

Matrix: Soil

Laboratory ID:	0503-037-10	0503-037-11	**Method**	**Units:**	**Detection Limit**
Client Sample ID:	SP-1	SP-2			
Dilution	1	1			
Dichlorodifluoromethane	ND	ND	EPA 8260B	mg/Kg	0.005
Chloromethane	ND	ND	EPA 8260B	mg/Kg	0.005
Vinyl Chloride	ND	ND	EPA 8260B	mg/Kg	0.005
Bromomethane	ND	ND	EPA 8260B	mg/Kg	0.005
Chloroethane	ND	ND	EPA 8260B	mg/Kg	0.005
Trichlorofluoromethane	ND	ND	EPA 8260B	mg/Kg	0.005
Iodomethane	ND	ND	EPA 8260B	mg/Kg	0.005
Acetone	ND	ND	EPA 8260B	mg/Kg	0.005
1,1-Dichloroethene	ND	ND	EPA 8260B	mg/Kg	0.005
t-Butyl Alcohol (TBA)	ND	ND	EPA 8260B	mg/Kg	0.020
Methylene Chloride	ND	ND	EPA 8260B	mg/Kg	0.02
Freon 113	ND	ND	EPA 8260B	mg/Kg	0.01
Carbon disulfide	ND	ND	EPA 8260B	mg/Kg	0.005
Trans 1,2 Dichloroethene	ND	ND	EPA 8260B	mg/Kg	0.005
Methyl tert-butyl ether (MtBE)	ND	ND	EPA 8260B	mg/Kg	0.005
1,1 Dichloroethane	ND	ND	EPA 8260B	mg/Kg	0.005
Vinyl acetate	ND	ND	EPA 8260B	mg/Kg	0.005
Diisopropyl Ether (DIPE)	ND	ND	EPA 8260B	mg/Kg	0.005
Methyl Ethyl Ketone	ND	ND	EPA 8260B	mg/Kg	0.011
Cis 1,2 Dichloroethene	ND	ND	EPA 8260B	mg/Kg	0.005
Bromochloromethane	ND	ND	EPA 8260B	mg/Kg	0.005
Chloroform	ND	ND	EPA 8260B	mg/Kg	0.005
2,2-Dichloropropane	ND	ND	EPA 8260B	mg/Kg	0.005
Ethyl-t-butyl ether (ETBE)	ND	ND	EPA 8260B	mg/Kg	0.005
1,1,1-Trichloroethane	ND	ND	EPA 8260B	mg/Kg	0.005
1,2-Dichloroethane	ND	ND	EPA 8260B	mg/Kg	0.005
1,1-Dichloropropene	ND	ND	EPA 8260B	mg/Kg	0.005
Carbon Tetrachloride	ND	ND	EPA 8260B	mg/Kg	0.005
Benzene	ND	ND	EPA 8260B	mg/Kg	0.002
t-Amyl Methyl Ether (TAME)	ND	ND	EPA 8260B	mg/Kg	0.005
1,2-Dichloropropane	ND	ND	EPA 8260B	mg/Kg	0.005
Trichloroethene	ND	ND	EPA 8260B	mg/Kg	0.005
Dibromomethane	ND	ND	EPA 8260B	mg/Kg	0.005
Bromodichloromethane	ND	ND	EPA 8260B	mg/Kg	0.005
2-Chloroethylvinylether	ND	ND	EPA 8260B	mg/Kg	0.005
Cis,-1,3 Dichloropropene	ND	ND	EPA 8260B	mg/Kg	0.005
4-Methyl-2-pentanone(MI)	ND	ND	EPA 8260B	mg/Kg	0.01
Trans-1,3-Dichloropropene	ND	ND	EPA 8260B	mg/Kg	0.005
Toluene	ND	ND	EPA 8260B	mg/Kg	0.002
1,1,2-Trichloroethane	ND	ND	EPA 8260B	mg/Kg	0.005

CTEL Project No: CT206-0503037

Project ID: LJM – Palmdale

Laboratory ID: Client Sample ID:	0503-037-10 SP-1	0503-037-11 SP-2	Method	Units	Detection Limit
1,2-Dibromoethane(EDB)	ND	ND	EPA 8260B	mg/Kg	0.005
1,3-Dichloropropane	ND	ND	EPA 8260B	mg/Kg	0.005
Dibromochloromethane	ND	ND	EPA 8260B	mg/Kg	0.005
2-Hexanone	ND	ND	EPA 8260B	mg/Kg	0.01
Tetrachloroethene	ND	ND	EPA 8260B	mg/Kg	0.005
Chlorobenzene	ND	ND	EPA 8260B	mg/Kg	0.005
1,1,1,2-Tetrachloroethane	ND	ND	EPA 8260B	mg/Kg	0.005
Ethylbenzene	ND	ND	EPA 8260B	mg/Kg	0.002
m,p-Xylene	ND	ND	EPA 8260B	mg/Kg	0.002
Bromoform	ND	ND	EPA 8260B	mg/Kg	0.005
Styrene	ND	ND	EPA 8260B	mg/Kg	0.005
o Xylene	ND	ND	EPA 8260B	mg/Kg	0.002
1,1,2,2-Tetrachloroethane	ND	ND	EPA 8260B	mg/Kg	0.005
1,2,3-Trichloropropane	ND	ND	EPA 8260B	mg/Kg	0.005
Isopropylbenzene	ND	ND	EPA 8260B	mg/Kg	0.005
Bromobenzene	ND	ND	EPA 8260B	mg/Kg	0.005
2-Chlorotoluene	ND	ND	EPA 8260B	mg/Kg	0.005
n-Propylbenzene	ND	ND	EPA 8260B	mg/Kg	0.005
4-Chlorotoluene	ND	ND	EPA 8260B	mg/Kg	0.005
1,3,5-Trimethylbenzene	ND	ND	EPA 8260B	mg/Kg	0.005
tert-Butylbenzene	ND	ND	EPA 8260B	mg/Kg	0.005
1,2,4-Trimethylbenzene	ND	ND	EPA 8260B	mg/Kg	0.005
sec-Butylbenzene	ND	ND	EPA 8260B	mg/Kg	0.005
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1,4-Dichlorobenzene	ND	ND	EPA 8260B	mg/Kg	0.005
p-Isopropyltoluene	ND	ND	EPA 8260B	mg/Kg	0.005
1,2-Dichlorobenzene	ND	ND	EPA 8260B	mg/Kg	0.005
n Butylbenzene	ND	ND	EPA 8260B	mg/Kg	0.005
1,2-Dibromo-3-Chloropropane	ND	ND	EPA 8260B	mg/Kg	0.005
1,2,4-Trichlorobenzene	ND	ND	EPA 8260B	mg/Kg	0.005
Naphthalene	ND	ND	EPA 8260B	mg/Kg	0.005
1,2,3-Trichlorobenzene	ND	ND	EPA 8260B	mg/Kg	0.005
Hexachlorobutadiene	ND	ND	EPA 8260B	mg/Kg	0.005
Ethanol	ND	ND	EPA 8015B	mg/Kg	0.1
TPH – Gasoline	ND	ND	EPA 8015M	mg/Kg	0.1

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY		Control Limit
Dibromofluoromethane	95	97	70-130
1,2-Dichloromethane-d4	93	100	70-130
Toluene-d8	85	82	70-130
Bromofluorobenzene	91	96	70-130

R. Tejirian Eq

Greg Tejirian
Laboratory Director

*The results are base upon the sample received. Soil samples are not homogeneous

Cal Tech Environmental Laboratories, Inc. ELAP ID #: 2424

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

Lab Job No. 03-037 Page 1 of 1

Chain of Custody Record

Client: Gaston & Associates
Contact: Will Gaston
Address: 20 Truman, Suite 108
Irvine, CA 92620
Project: LJM - Palmdale
Sampled By: WP Gaston / WP Gaston
Name/Signature

Phone: 949-262-0440
Fax: 949-262-0750

Turn Around Time
Rush
Normal X

Analyses Requested

Lab ID Number	Field ID	Date/Time Sampled	Bottle Type	No.	Preserv.	Matrix	8015 gas	8260B full scan	8015 ETHANOL						Comments
	D-1-3'	3/3/05 AM	Brass sleeve	2	Encore	soil	X	X	X						
	D-2-3'			2			X	X	X						
	D-3-3'			2			X	X	X						
	D-4-3'			2			X	X	X						
	P-1-3'			2			X	X	X						
	P-2-3'			2			X	X	X						
	P-3-3'			2			X	X	X						
	P-4-3'			2			X	X	X						
	P-5-3'			2			X	X	X						
	SP-1			2			X	X	X						
	SP-2						X	X	X						

Relinquished: WP Gaston Date / Time: 3/3/05 Received:

Dispatched : Date / Time: Carrier:

I hereby authorize the performance of the above indicated tests.

WP Gaston Date / Time: 3/3/05 5:00 Received by lab: CREST

CTELCCR.DOC

Custody seal(s) in tact upon receipt by lab? YES NO NONE

Appendix E:

Site Reconnaissance Photographs



South entrance on to Property from Pearblossom Highway



Ticket booth at south entrance of the Property



South side of the Property looking west



The Property looking north from the south side



The Property looking east



North end of the Property looking northeast



The Property looking north



The Property looking northwest



Vacant land adjoining the Property to the west



Well house on adjoining property to the west



Well house on adjoining property to the west

Appendix F:

Qualifications

Stephanie Holst

Senior Scientist

PROFESSIONAL EXPERIENCE

- Over 16 years

EDUCATION

- B.S. Environmental Science, University of North Carolina, Asheville (2000)

SAFETY TRAINING

- OSHA 40-Hour HAZWOPER
- OSHA 8-Hour HAZWOPER Refresher
- AHA First Aid and CPR Trained

OTHER RELATIVE TRAINING

- ASTM Technical Training, Phase I Environmental Site Assessments for Commercial Real Estate, October 2006
- ASTM Technical Training, Vapor Encroachment Screening on Property Involved in Real Estate Transactions, December 2014
- ASTM Phase I and Phase II Environmental Site Assessments for Commercial Real Estate, September 2018

REGISTRATIONS

- Certified Environmental Manager, Nevada

BACKGROUND

- Project and Client Management
- Phase I/II Environmental Site Assessments
- Transaction Screen Questionnaires
- Site characterization
- System operation oversight
- Soil and Groundwater Remediation
- Preparation of maps, lithologic logs, system design drawings
- Report preparation
- Permitting
- Nevada Petroleum Fund work
- California UST Cleanup Fund work

Ms. Holst is a Certified Environmental Manager with over 16 years of experience with the environmental consulting firm Broadbent & Associates, Inc. She has provided services for consultants, contractors, government agencies, industrial and manufacturing clients, the oil and gas industry, real estate agents, land developers, and commercial lenders throughout Nevada, California, Arizona and Utah.

Ms. Holst has significant experience in due diligence assessments for a variety of property types, as well as the needs and requirements of varied number of reporting standards, including ASTM standards, EPA's All Appropriate Inquiry (AAI), and customized client formats. Specifically, Ms. Holst has performed Phase I Environmental Site Assessments (ESAs), Environmental Transaction Screens, and Phase II Subsurface Investigations.

Ms. Holst also has experience with the remediation of soil and groundwater contamination resulting from leaking underground storage tanks. Experience includes the operation and maintenance of soil vapor extraction and air sparge remediation systems and site characterization activities including soil boring and groundwater monitoring well installations. In addition to field activities, Ms. Holst has prepared monitoring and data reports for submission to clients, the Nevada Division of Environmental Protection, and the California State Water Resources Control Board. Ms. Holst routinely utilizes AutoCAD software to prepare maps, lithologic logs, monitoring well construction diagrams, and remediation system design drawings.

Ms. Holst has experience reviewing permits issued by the Clark County Department of Air Quality, facility records, and logs to complete annual reports and prepare facility emission calculations on an annual basis.

Ms. Holst also has extensive knowledge of the Nevada Petroleum Fund and has prepared applications for coverage, Not-to-Exceed-Proposals, and request for reimbursement packages. She has also worked with the California Underground Storage Tank Cleanup Fund and has experience preparing and submitting budgets; proof of payment documentation; and filing reimbursement requests via the electronic invoice processing system.

ASBESTOS INSPECTION REPORT
Pilot #1267
5550 Pearblossom Highway
Palmdale, Los Angeles County, California

Prepared for:

Mr. Ross Shaver
Pilot Travel Centers LLC
5508 Lonas Drive
Knoxville, Tennessee 37909

Prepared by:

Broadbent & Associates, Inc.
1370 Ridgewood Drive, #5
Chico, California 95973
(530) 566-1400

August 12, 2020

Project No. 20-01-146

BROADBENT
1370 Ridgewood Drive, Suite 5, Chico, CA 95973
[T] 530-566-1400 [F] 530-566-1401
broadbentinc.com

August 12, 2020 Project No. 20-01-146

Pilot Travel Centers LLC
5508 Lonas Drive
Knoxville, Tennessee 37909

Attn.: Mr. Ross Shaver

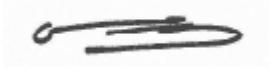
Re: Asbestos Inspection Report

Dear Mr. Shaver,

Broadbent & Associates, Inc. (Broadbent) is pleased to present this *Asbestos Inspection Repor*t for the above referenced building located at 5550 Pear Blossom Highway, Palmdale, Los Angeles County, California. This report presents Broadbent's methodology, findings, conclusions, and recommendations regarding the inspection.

We appreciate the opportunity to be of service to you on this important project. Should you have questions or require additional information, please do not hesitate to contact us (530) 566-1400.

Sincerely,
BROADBENT & ASSOCIATES, INC.



Timothy M. Babcock, CAC #19-6639
Senior Scientist

ASBESTOS INSPECTION REPORT
Pilot #1267
5550 Pearblossom Hwy., Palmdale, California

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2.0 PURPOSE AND SCOPE OF SERVICES 1

3.0 SITE DESCRIPTION 1

3.1. Observations 1

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5.0 PHYSICAL LIMITATIONS 2

7.0 FINDINGS AND OPINIONS 2

8.0 RECOMMENDATIONS 4

9.0 LIMITATIONS 4

Attachments:

Drawings
Drawing 1: Site Location Map
Drawing 2: Sample Map

Tables
Table 1: Asbestos Sample Data

Appendices
Appendix A: Inspector Certification
Appendix B: Laboratory Report and Chain-of-Custody Documentation
Appendix C: Laboratory Certifications

ASBESTOS INSPECTION REPORT
Pilot #1267
5550 Pearblossom Hwy., Palmdale, California

1.0 INTRODUCTION

In accordance with authorization to proceed from Mr. Ross Shaver with Pilot Flying J, Broadbent & Associates, Inc. (Broadbent) conducted an asbestos inspection of the building located at 5550 Pearblossom Hwy., Palmdale, Los Angeles County, CA (Site) as shown on Drawing 1 (Site Location Map). This report documents conditions at the Site at the time of sampling activities and has been conducted in accordance with the appropriate California Asbestos regulations and generally accepted practices for similar asbestos building inspections.

2.0 PURPOSE AND SCOPE OF SERVICES

The purpose of the inspection was to assess building materials and document the presence of asbestos-containing materials (ACM) at or above regulatory thresholds in support of Pilot's prospective lease or acquisition. The scope of work included:

- Reconnaissance of readily accessible areas for the presence of suspect asbestos containing building materials (ACMs).
- Collection of 9 discrete building materials samples in accordance with applicable State of California and Federal regulations. Submittal of samples to an appropriately certified laboratory for analysis by polarized light microscopy (PLM).
- Identification of any identified ACM, quantification of each identified ACM, and establishment of the approximate location of all ACM.
- Preparation of this report summarizing our field activities, laboratory test results, conclusions, and recommendations.

3.0 SITE DESCRIPTION

The subject of the inspection was a small metal structure with wood siding and roof identified as a guard shack with several small attached wooden structures. Drawing 2 shows the locations of samples collected.

3.1. Observations

The guard shack measured approximately 36 square feet with a 21-square foot attached wood framed/sheathed storage room. An attached 64 square foot wooden enclosure housed a portable toilet. Extended roof overhangs create an approximate overall square footage of 675 feet. A concrete slab foundation extended beneath the guard shack and storage room but not the portable toilet enclosure.

There was no loft or attic space and no basement or crawlspace.

Rubberized sheet flooring was present in the guard shack interior. What appeared to have been remnants of carpet adhesive were noted on top of plywood floor found beneath the rubberized sheet flooring. Guard shack interior walls and ceiling were wood panel with Styrofoam insulation. The roof of the guard shack was bare metal. Painted plywood roofing extended beyond to cover

all the other structures and paved areas surrounding the shack. Seams in the roof metal were sealed with a tar sealant.

All other structures were of wood construction with no potential ACMs noted.

4.0 SAMPLE COLLECTION & ANALYSIS

Samples were collected on August 5, 2020. The inspection was conducted, and samples were collected by Gerald Gibson, CAC #18-6192.

The scope of inspection consisted of a preliminary visual reconnaissance of suspect ACM followed by the collection of representative samples of suspect ACM after designating homogeneous sampling areas (areas in which the materials are uniform in color, texture, construction or application date, and general appearance). Each homogeneous area was observed for material type, location, condition, friability, and estimated volume. Samples were collected using EPA-recommended sampling procedures.

A total of nine (9) bulk samples were collected from suspect building materials identified during the inspection. Samples were contained in sealed plastic bags and labelled. All samples were recorded on a sample chain of custody that was maintained through final receipt by the laboratory. All sample locations are depicted on Drawing 2.

Samples were transported to EMC Laboratories (EMC) in Phoenix Arizona. EMC is accredited through the National Voluntary Laboratory Accreditation Program (NVLAP) for bulk asbestos fiber analysis. The samples were analyzed using polarized light microscopy (PLM) with dispersion staining, for the presence and quantification of asbestos fibers, in accordance with EPA Method 600/M4-82-020. The results of sample analyses are included in Table 1 and on the copies of laboratory reports contained in Appendix B.

The lower limit of reliable detection for asbestos using the PLM method is approximately 1% by volume. Materials containing asbestos in amounts less than 1%, but in excess of 0.1%, are defined as containing “trace” amounts. Asbestos content at or above 1% constitutes an asbestos containing material (ACM).

None of the materials sampled within the scope of this survey were identified as ACM.

5.0 PHYSICAL LIMITATIONS

No physical limitations, such as locked rooms and fenced areas were encountered during inspection activities. There is a possibility that during future potential renovation or demolition activities, additional suspect ACM may be encountered in areas that were not assessed during our inspection (e.g. interstitial wall or ceiling spaces). In addition, thermal system insulation (TSI) may be present within wall cavities or above ceiling areas. Suspect materials encountered during renovation and/or demolition activities that have not been assessed previously may either be assumed to be ACM and handled accordingly or may be sampled and analyzed at that time to assess whether they are ACM.

6.0 FINDINGS AND OPINIONS

The findings of this inspection are based on Broadbent personnel’s visual observations and analysis of suspect ACM. No ACM was identified through the scope of this survey. No further actions are recommended at this time.

7.0 RECOMMENDATIONS

No further actions are recommended at this time.

8.0 LIMITATIONS

Broadbent's opinions and recommendations regarding environmental conditions, as presented in this report, are based on limited sampling and analysis. The samples collected and submitted for analysis, and the observations made, are believed to be representative of the areas evaluated. However, if additional suspect ACM is encountered during demolition activities, these materials should be sampled by qualified Broadbent personnel and analyzed for asbestos content prior to further disturbance.

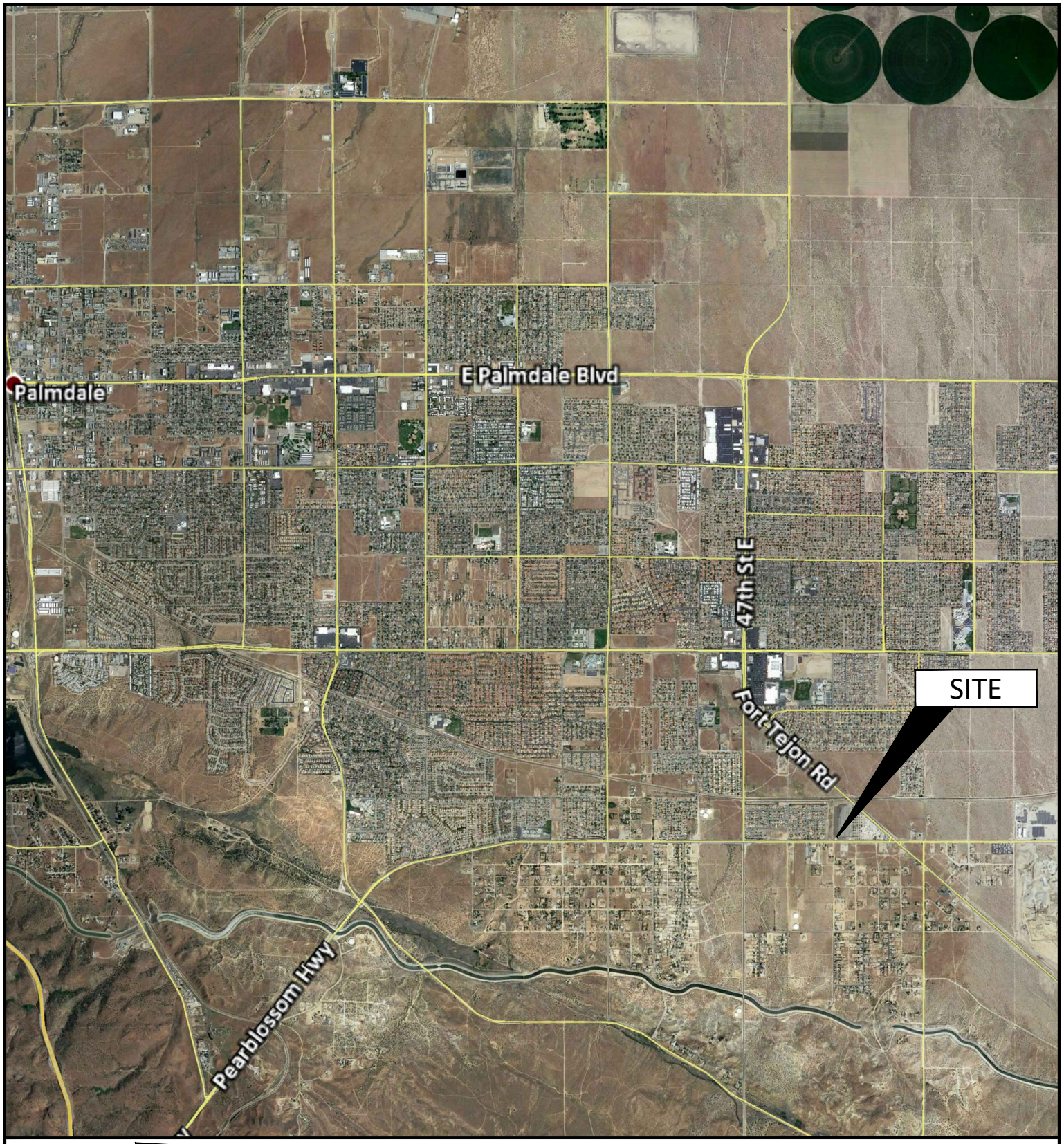
The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard-of-care exercised by environmental consultants performing similar work in the project area. No other warranty, expressed or implied, is made regarding the professional opinions presented in this report. Variations in Site conditions may exist, and conditions not observed or described in this report may be encountered during subsequent activities.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Broadbent should be contacted if the reader requires any additional information, or has questions regarding content, interpretations presented, or completeness of this document.

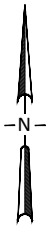
The environmental interpretations and opinions contained in this report are based on the results of laboratory tests and analyses intended to detect the presence of ACM in samples collected from the subject Site. The testing and analyses have been conducted by an independent laboratory which is accredited by the NVLAP for bulk asbestos fiber analysis. Broadbent has no involvement in, or control over, such testing and analysis. Broadbent, therefore, disclaims responsibility for any inaccuracy in such laboratory results.

Our conclusions, recommendations, and opinions are based on an analysis of the observed Site conditions. It should be understood the conditions of a Site can change with time as a result of natural processes or the activities of man at the subject Site or nearby Sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Broadbent has no control.

DRAWINGS







0 1.5 3

APPROXIMATE SCALE (mi)

IMAGE SOURCE: Google Earth

BROADBENT
1370 Ridgewood Dr., Suite 5
Chico, California 95973

Project No.: 20-01-146 Date: 8/12/2020

5550 Pearblossom Highway
Palmdale, California

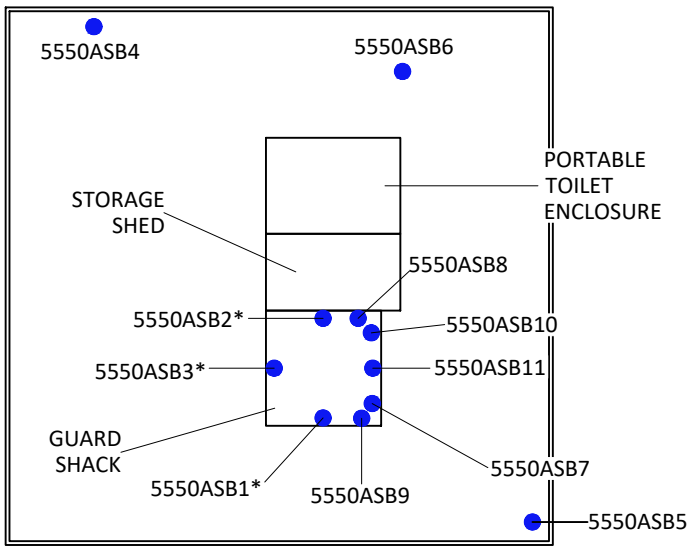
Site Location Map

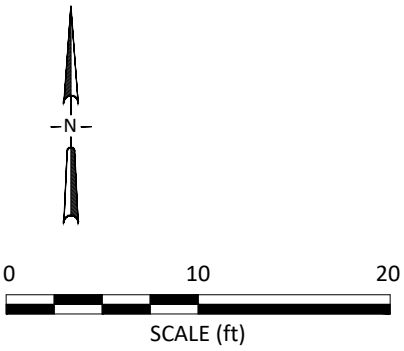
Drawing
1

LEGEND

5550ASB1 — Approximate Location and Identification of Asbestos Sample

* — Sample Taken on Roof





BROADBENT
1370 Ridgewood Dr., Suite 5
Chico, California 95973
Project No.: 20-01-146 Date: 8/12/2020

5550 Pearblossom Highway
Palmdale, California

Asbestos Sample Locations Map

Drawing 2

TABLES

Table 1. Asbestos Sample Data
Pilot 1267
5550 Pearblossom Hwy., Palmdale, Los Angeles County, CA

Sample #	Homogenous Area	Functional Zone	Description	Asbestos Content (%)
5550 ASB 01	1	roof	roof penetration mastic, black	ND
5550 ASB 02	1	roof	roof penetration mastic, black	ND
5550 ASB 03	1	roof	roof penetration mastic, black	ND
5550 ASB 04	2	slab	concrete, gray	ND
5550 ASB 05	2	slab	concrete, gray	ND
5550 ASB 06	2	slab	concrete, gray	ND
5550 ASB 07	3	interior	vinyl sheet floor, brown	
			Layer 1: sheet flooring, brown	ND
			Layer 2: mastic, yellow	ND
			Layer 3: padding, black	ND
5550 ASB 08	3	interior	vinyl sheet floor, brown	
			Layer 1: sheet flooring, brown	ND
			Layer 2: mastic, yellow	ND
			Layer 3: padding, black	ND
5550 ASB 09	4	interior	floor adhesive, yellow	ND
5550 ASB 10	4	interior	floor adhesive, yellow	ND

APPENDIX A

INSPECTOR CERTIFICATION

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant



Name: **Timothy M Babcock**

Certification No.: **19-8639**

Expires on: **02/12/21**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

Certificate of Training

This Certifies that

Tim Babcock

has successfully completed 4 hours training entitled

Asbestos Building Inspector Refresher

Toxic Substances Control Act, Title II (AHERA)

This is an annual certification. It must be renewed.

Environmental
Safety
Training
Professionals Ltd.

3140 Gold Camp Drive #130
Rancho Cordova, CA 95670
Phone 916 638-5550
Fax 916 638-5551
Division Approval #CA-006-06

I.D. #: 5422
Certification #: 28545
Course Date: 05/07/20

Expiration Date: 05/07/21

By _____
Authorized Signature: Brandy Snider

STATE OF CALIFORNIA — Gavin Newsom, Governor

DEPARTMENT OF INDUSTRIAL RELATIONS
Division of Occupational Safety and Health
Asbestos Certification & Training Unit
2424 Arden Way, Suite 495
Sacramento, CA 95825-2417
(916) 574-2993 Office http://www.dir.ca.gov/dosh/asbestos.html acru@dir.ca.gov

802266192C **432.2**

January 09, 2020

Gerald M Griffin
920 Bonita Drive
Encinitas CA 92024

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, you must abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card. [8 CCR 341.15(h)(1)].

Please hold and do not send copies of your required AHERA refresher renewal certificates to our office until you apply for renewal of your certification.

Certificates must be kept current if you are actively working as a CAC or CSST. The grace period is only for those who are not actively working as an asbestos consultant or site surveillance technician.

Please notify our office via U.S. Postal Service or other carrier of any changes in your mailing or work address within 15 days of the change.

Sincerely,

Jeff Ferrell
Senior Safety Engineer

Attachment: Certification Card

cc: File

Renewal – Card Attached 08/2015


State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Gerald M Griffin
Name

Certification No. **18-6192**
Expires on **03/14/21**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
	Lead Inspector/Assessor	LRC-00002671	9/17/2021

Gerald Griffin

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clpph or calling (800) 597-LEAD.

Certificate of Training

This is to certify that

Gerald Griffin

has successfully completed 4 hours of formal training entitled

AHERA Building Inspector Refresher

as approved by the California Division of Occupational Safety and Health
and as certified by the Environmental Protection Agency and approved by AHERA under TSCA Title II

Presented by

Design For Health Training Center
2667 Camino del Rio South, Suite 207
San Diego, CA 92108
Phone: (619) 291-1777 Fax: (619) 291-4318
dfhtcsd@gmail.com
www.designforhealthtrainingcenter.com

By: _____
Jorge A. Valdez, B.S.
Director of Training

DOSH Approval #011-06
Certificate # 1019BIR186571
Course Date(s)10/02/2019
Exam Date: N/A

This is an annual certification. It must be renewed by: 10/02/2020

APPENDIX B

LABORATORY REPORT AND CHAIN-OF-CUSTODY DOCUMENTATION

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0241087

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	BROADBENT & ASSOCIATES	Job# / P.O. #:	20-01-146	20-01-146
Address:	1370 RIDGEWOOD DR, STE 5	Date Received:	08/06/2020	
	CHICO, CA 95973	Date Analyzed:	08/07/2020	
Collected:	08/05/2020	Date Reported:	08/07/2020	
Project Name:	PILOT-PALMDALE	EPA Method:	EPA 600/R-93/116	
Address:		Submitted By:	TIM BABCOCK	
		Collected By:		

Lab ID / Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0241087-001 5550 ASB 01	METAL ROOF (S)	Roof Penetration Mastic, Black	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	10% 90%
0241087-002 5550 ASB 02	METAL ROOF (N)	Roof Penetration Mastic, Black	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	10% 90%
0241087-003 5550 ASB 03	METAL ROOF (W)	Roof Penetration Mastic, Black	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	10% 90%
0241087-004 5550 ASB 04	(NW) SLAB	Concrete, Gray	No	None Detected	Gypsum Quartz Carbonates Mica Binder/Filler	 100%
0241087-005 5550 ASB 05	(SE) SLAB	Concrete, Gray	No	None Detected	Gypsum Quartz Carbonates Mica Binder/Filler	 100%
0241087-006 5550 ASB 06	(E) SLAB	Concrete, Gray	No	None Detected	Gypsum Quartz Carbonates Mica Binder/Filler	 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
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Laboratory Report
0241087

Bulk Asbestos Analysis by Polarized Light Microscopy

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Address:	1370 RIDGEWOOD DR, STE 5	Date Received:	08/06/2020	
	CHICO, CA 95973	Date Analyzed:	08/07/2020	
Collected:	08/05/2020	Date Reported:	08/07/2020	
Project Name:	PILOT-PALMDALE	EPA Method:	EPA 600/R-93/116	
Address:		Submitted By:	TIM BABCOCK	
		Collected By:		

Lab ID / Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0241087-007 5550 ASB 07	(S) FLOOR	LAYER 1 Sheet Flooring, Brown	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	10% 90%
		LAYER 2 Mastic, Yellow	No	None Detected	Carbonates Binder/Filler	100%
		LAYER 3 Padding, Black	No	None Detected	Gypsum Binder/Filler	100%
0241087-008 5550 ASB 08	(N) FLOOR	LAYER 1 Sheet Flooring, Brown	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	10% 90%
		LAYER 2 Mastic, Yellow	No	None Detected	Carbonates Binder/Filler	100%
		LAYER 3 Padding, Black	No	None Detected	Gypsum Binder/Filler	100%
0241087-009 5550 ASB 09	(S) FLOOR	Floor Adhesive, Yellow	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	3% 97%
0241087-010 5550 ASB 010	(W) FLOOR	Floor Adhesive, Yellow	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	3% 97%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0241087

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	BROADBENT & ASSOCIATES	Job# / P.O. #:	20-01-146	20-01-146
Address:	1370 RIDGEWOOD DR, STE 5	Date Received:	08/06/2020	
	CHICO, CA 95973	Date Analyzed:	08/07/2020	
Collected:	08/05/2020	Date Reported:	08/07/2020	
Project Name:	PILOT-PALMDALE	EPA Method:	EPA 600/R-93/116	
Address:		Submitted By:	TIM BABCOCK	
		Collected By:		

Lab ID / Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0241087-011 5550 ASB 011	(E) FLOOR	Floor Adhesive, Yellow	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	<1% 99%

Analyst - Kenneth Scheske

Signatory - Lab Director - Kurt Kettler

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicated or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

Page 1 of 1

CHAIN OF CUSTODY

EMC Labs, Inc.
9830 S. 51st St., Ste B-109
Phoenix, AZ 85044
(480) 940-5294 Fax (480) 893-1726

LAB#: 241087
TAT: 1 day
Rec'd: AUG 06 A.M.

COMPANY NAME:	Broadbent & Associates	BILL TO:	(If Different Location)
Address:	1370 Ridgewood Dr., Suite 5		
	Chico, CA		
CONTACT:	Tim Babcock		
Phone/Fax:	530-566-1400		
Email:	tbabcock@broadbentinc.com		

Now Accepting: VISA – MASTERCARD **Price Quoted:** $_____ / Sample $_____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. TURNAROUND TIME: 24 hr

****Prior confirmation of turnaround time is required
****Additional charges for rush analysis (please call marketing department for pricing details)
****Laboratory analysis may be subject to delay if credit terms are not met

2. TYPE OF ANALYSIS: Bulk-PLM

3. DISPOSAL INSTRUCTIONS: Dispose of samples at EMC

4. Project Name: Pilot- Palmdale

P.O. Number: 20-01-146 **Project Number:** 20-01-146

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS ON	OFF	FLOW RATE
1	5550 ASB 01	8/5/20	metal roof (S) / penetration mastic	Y N			
2	5550 ASB 02	8/5/20	metal roof (N) / penetration mastic	Y N			
3	5550 ASB 03	8/5/20	metal roof (W) / penetration mastic	Y N			
4	5550 ASB 04	8/5/20	(NW) slab / concrete	Y N			
5	5550 ASB 05	8/5/20	(SE) slab / concrete	Y N			
6	5550 ASB 06	8/5/20	(E) slab / concrete	Y N			
7	5550 ASB 07	8/5/20	(S) floor / sheet flooring	Y N			
8	5550 ASB 08	8/5/20	(N) floor / sheet flooring	Y N			
9	5550 ASB 09	8/5/20	(S) floor / floor adhesive	Y N			
10	5550 ASB 10	8/5/20	(W) floor / floor adhesive	Y N			
11	5550 ASB 11	8/5/20	(E) floor / floor adhesive	Y N			
				Y N			
				Y N			
				Y N			
				Y N			

SPECIAL INSTRUCTIONS:

Sample Collector: (Print) Gerald Griffin **(Signature)**

Relinquished by: _____ **Date/Time:** 8/5/20 15:00 **Received by:** Diana Federico **Date/Time:** 8/6/20 905 am

Relinquished by: Diana Federico **Date/Time:** 8/6/20 1035 am **Received by:** _____ **Date/Time:** 8 6 2020 1035

Relinquished by: _____ **Date/Time** _____ **Received by:** _____ **Date/Time:** _____

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

Rev. 09/01/08

APPENDIX C

LABORATORY CERTIFICATIONS

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101926-0

EMC Labs, Inc.

Phoenix, AZ

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2020-07-01 through 2021-06-30

Effective Dates

For the National Voluntary Laboratory Accreditation Program

National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMC Labs, Inc.
9830 S. 51st St. Suite B-109
Phoenix, AZ 85044-5677
Mr. Kurt A. Kettler
Phone: 480-940-5294 Fax: 480-893-1726
Email: kkettler@earthlink.net
http://www.emclabs.com

ASBESTOS FIBER ANALYSIS **NVLAP LAB CODE 101926-0**

Bulk Asbestos Analysis

Code	*Description*
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

For the National Voluntary Laboratory Accreditation Program