APPENDIX F2
PHASE I/II ESA (APN 0167-061-03)

PETRA GEOSCIENCES INC.

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PHASE I ENVIRONMENTAL SITE ASSESSMENT AND LIMITED PHASE II SITE ASSESSMENT

5±-ACRE PARCEL OF AGRICULTURAL LAND
ASSESSOR PARCEL NUMBER (APN) 0167-061-03
SITE EAST OF 1160 W. PIONEER AVENUE
CITY OF REDLANDS, SAN BERNARDINO COUNTY, CALIFORNIA

MERITAGE HOMES

May 11, 2022
J.N. 22-199

May 11, 2022
J.N. 22-199

MERITAGE HOMES
5 Peters Canyon Road, Suite 310
Irvine, California 92606

Attention: Ms. Johanna Crooker

Subject: **Phase I Environmental Site Assessment and Limited Phase II Site Assessment; 5±-Acre Parcel of Agricultural Land, Assessor Parcel Number (APN) 0167-061-03, Site East of 1160 W. Pioneer Avenue, City of Redlands, San Bernardino County, California**

Dear Ms. Crooker:

Petra Geosciences, Inc. (Petra) is presenting herein our Phase I Environmental Site Assessment fand Limited Phase II Site Assessment for the subject property. This assessment has been conducted in accordance with our Supplemental Proposal No. 21-315, dated March 8, 2022, and in general conformance with the scope and limitations of the standards set forth in the American Society for Testing and Materials (ASTM) Practice E 1527-13 and the EPA's All Appropriate Inquiry (AAI) regulations 40 CFR Part 312.

This opportunity to be of service to you is sincerely appreciated. Please do not hesitate to call this office if you have questions pertaining to this report.

Respectfully submitted,

PETRA GEOSCIENCES, INC.



Jonathan Cain
Senior Associate Geologist



Siamak Jafroudi, PhD
Senior Principal Engineer
GE 2024

EXECUTIVE SUMMARY

PHASE I ENVIRONMENTAL SITE ASSESSMENT
AND LIMITED PHASE II ASSESSMENT

5±-Acre Parcel of Agricultural Land
Assessor Parcel Number (APN) 0167-061-03
Site East of 1160 W. Pioneer Avenue
City of Redlands, San Bernardino County, California

INTRODUCTION

The information presented in this report includes the results of our recent site reconnaissance, a review of pertinent literature, and recent federal, state, and local government agency records. Our field reconnaissance was performed by Mr. Sepi Jafroudi, Environmental Assistant, with data gathering and compilation performed by Mr. Jonathan Cain, Senior Associate Geologist, with oversight by Dr. Siamak Jafroudi, President and Principal Engineer.

SITE DESCRIPTION AND GENERAL INFORMATION

1. The subject site is located adjacent the north side of W. Pioneer Avenue in the city of Redlands, San Bernardino County, California. No physical markers differentiated the site boundary. A site location map is included as Figure 1.

2. The rectangular shaped site is comprised of approximately 5±-acres of vacant land with Assessor Parcel Number (APN) 0167-061-03. The site slopes gently to the north with existing elevations on the order of approximately 1,277± feet above mean sea level (msl) along the south portion of the site, to 1,270± feet above msl along the north portion of the site.

3. Vehicular access to the subject property is along the south via W. Pioneer Avenue. The site is bounded along the north by an orchard; along the east by Citrus Valley High School; along the south by W. Pioneer Avenue; and along the west by vacant land (1160 W. Pioneer Avenue). Light to moderate vegetation covers the site with several mature trees along the south and east boundaries of the site.

4. Based on information obtained during this assessment, the site appears to have been used for cultivated orchards since at least 1930 until sometime between/during 2006 and 2009. Sometime between/during 2006 and 2009 the orchards have been removed from the site and the site has remained vacant land to present. Historical information reviewed during this assessment includes aerial photographs (dating back to 1930), USGS topographical maps (dating back to 1899), environmental lien search and interviews. EDR indicates that fire insurance maps covering the target property were not found.

5. Dumped household trash was observed in several areas of the site and included plastic bags, plastic bottles, cans, pans, wood, doors, pieces of concrete, cardboard, and other miscellaneous household trash along with windblown trash. There were no visible signs of this debris containing hazardous substances.

6. No water well was observed onsite during our reconnaissance.

7. No electrical lines, pole mounted, or pad mounted transformers were observed onsite during our reconnaissance.

8. There was no evidence of sumps, pits, pools, or lagoons identified during our site reconnaissance.

9. No sites were identified in our search of various government agency database records, which appear to have adversely impacted the soils, groundwater or soil vapor beneath the subject parcels at this time, except the former Lockheed Martin facility (1500 Crafton Avenue), in northeast Redlands (approximately 4 miles east of the subject property). Although the boundary of the plume varies in publications, groundwater monitoring wells associated with the plume extends from the former Lockheed Martin facility in northeast Redlands west to near the Waterman Avenue/Interstate 10 interchange (Tetra Tech, 2019).

   A recent comprehensive groundwater monitoring report for the former facility by Tetra Tech, Inc. (dated November 22, 2021) depicts groundwater monitoring wells associated with the Crafton-Redlands Groundwater Plume are mapped throughout the Redlands area. The closest monitoring wells to the subject property are Tennessee Mutual (west), Tennessee Mutual (east), Williams Well and COR Orange Street. Spring 2021 monitoring results indicate the groundwater flow direction in a west direction and a groundwater elevation of approximately 1,080 feet above mean sea level (msl) under the subject site (Tetra Tech, 2021). Considering a ground surface elevation of approximately 1,275 feet (Google Earth, 2022) above msl for the subject property, groundwater is approximately 195 feet below the ground surface. Groundwater depths measured in the offsite wells measured approximately 195 feet in Spring 2021. The TCE concentration 6.0 micrograms per liter (µg/L) plume is currently mapped from the proximity of Alabama street to the west and is not currently depicted underlying the subject property (Tetra Tech, 2021). The Maximum Contaminant Level (MCL) for perchlorate is 6 µg/L. For TCE the MCL is 5 µg/L.

   Although groundwater beneath the site had been impacted, based on the 2021 measured depths to groundwater (approximately 195 feet below grade [fbg]), the concentrations of TCE are reported to be sufficiently low (below MCL in proximity to the subject site) as to not present a health risk to future residents. Further, because of the known presence of groundwater contamination, the Regional Water Quality Control Board will more than likely not identify future site owners as Responsible Parties. Strict definition of the Crafton-Redlands plume warrants it to be labeled as a Controlled Recognized Environmental Condition (see definition below); however, depth to groundwater and decreasing contamination levels slightly above or below drinking water MCLs, the plume underlying the site is considered as a de minimis condition for the subject property.

LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

Based on the use of the site for agriculture purposes from at least 1930 until sometime between/during 2006 and 2009, Petra simultaneously conducted a Limited Phase II Site Assessment to evaluate shallow, near surface, site soils for detectable concentrations of restricted agricultural chemicals (i.e., pesticides, metals, herbicides).

Samples were collected in general conformance with guidelines presented in the *Interim Guidance for Sampling Agricultural Properties (Third Revision)* by the Department of Toxic Substances Control (DTSC, 2008). DTSC's recommended number of sampling locations for a 5-acre property is 10. DTSC's recommended number of sampling locations listed minimum 4 composite samples analyzed for organochlorine pesticides (OCP's) and minimum 4 discrete samples (one from each composite group)

analyzed for arsenic (arsenical herbicides) from the 10 individual samples. Petra included CAM Title 22 Metals which includes arsenic to further qualify the site. Composite samples were generated by the laboratory from no more than 2 individual samples.

To evaluate agricultural chemical soil residues within the subject site, a total of 10 hand-auger borings (HA-1 through HA-10) were advanced to a depth of 1.5 feet below ground surface (bgs) utilizing a stainless-steel hand-auger on March 16, 2022. Soil samples were collected from the surface (0) to 0.5 foot, and 1.5 feet. The 0.5-foot samples were composited in groups of two and analyzed, along with one duplicate sample, for Organochlorine Pesticides (OCPs) according to Environmental Protection Agency (EPA) Test Method 8081A. Ten percent (1) of the composited samples was also tested for Chlorinated Herbicides using EPA Method 8151A. Prior to compositing the samples one sample from each group was analyzed discreetly for Arsenic and/or Title 22 Metals according to EPA Method 6010B/7471A. The remaining deeper soil samples were placed on hold by the laboratory for future testing in the event elevated levels of the aforementioned constituents were detected.

All soil samples analyzed during this assessment were analyzed by Enviro-Chem, Inc. (ECI) in Pomona, California. ECI is accredited by the California Environmental Protection Agency, Department of Health Services Environmental Laboratory Accreditation Program (ELAP). Analyses were requested on a chain-of-custody record. Below is a discussion of the laboratory results.

Organochlorinated Pesticides

Five composite and one duplicate composite soil samples collected at a depth of 0 to 0.5 foot were tested for Organochlorinated Pesticides (OCPs) according to EPA Method 8081A. Four composite samples and one duplicate composite sample contained concentrations of 4-4'DDE that ranged from 0.345 milligrams per kilograms (mg/kg) to 1.4 (mg/kg). These detectable concentrations of DDE were found to be below the USEPA Region 9 Regional Screening Level (RSL, 2021) of 2.0 mg/kg for DDE in residential use soils.

One composite sample, HA-5 and HA-6 @ 0.5 ft., was reported at 2.1 milligrams per kilograms (mg/kg) which is slightly above the USEPA Region 9 Regional Screening Level (RSL) of 2.0 mg/kg for DDE in residential use soils.

Three of the five composite samples (and one duplicate) contained concentrations of 4-4'DDT that ranged from 0.056 mg/kg to 0.342 (mg/kg). Two of the composite samples reported a non-detect result, or below the ADL of the test method of 0.001 mg/kg. All detectable concentrations of DDT were found to be below the USEPA Region 9 Regional Screening Level (RSL, 2021) of 1.9 mg/kg for DDT in residential use soils.

No other OCP analytes were reported at concentrations above the ADL. The laboratory test results are listed within Table 1 and copies of the official laboratory reports and chain-of-custody records are included in Appendix F.

Chlorinate Herbicides

Ten percent of the composited samples (1) analyzed for Organochlorinated Pesticides (OCPs), were also analyzed for Chlorinated Herbicides. No detectable levels of Chlorinated Herbicides were present in the composited sample analyzed at a depth of 0.5 foot. Laboratory test results are listed within Table 1 and copies of the official laboratory reports and chain-of-custody records are included in Appendix F.

Title 22 Metals

Two discrete soil samples collected at a depth of 0 to 0.5 foot within the subject property were tested for CAM Title 22 Metals using EPA Method 6010B/747. Detected levels of barium, cadmium, total chromium, cobalt, copper, lead, mercury, nickel, vanadium, and zinc were all reported below their respective Regional Screening Levels (RSLs) for residential use soil (US EPA, 2021). A summary of test results is provided in Table II. Copies of the official laboratory reports and chain-of-custody records are included in Appendix F.

Arsenic

In addition, a total of five discrete samples (one from each set of composite samples) and one duplicate sample were analyzed for residual arsenic levels using EPA Method 6010B. No detectable levels of Arsenic were present in the composited sample analyzed at a depth of 0.5 foot. A summary of test results is provided in Table II. Copies of the official laboratory reports and chain-of-custody records are included in Appendix F.

RECOGNIZED ENVIRONMENTAL CONDITIONS

Recognized environmental conditions are defined by the American Society of Testing and Materials (ASTM) as any hazardous substance or petroleum product under conditions that indicate an existing, past, or material threat of release into the structures, ground, groundwater, or surface water at the subject site. If the presences of recognized environmental conditions are identified on a subject site, it may warrant additional research, site evaluation, and/or action.

- One composite sample, HA-5 and HA-6 @ 0.5 ft., was reported at 2.1 milligrams per kilograms (mg/kg) which is slightly above the USEPA Region 9 Regional Screening Level (RSL) of 2.0 mg/kg for DDE in residential use soils.

Controlled recognized environmental conditions (CREC'S) are defined by the American Society of Testing and Materials (ASTM) Practice E 1527-13 as a recognized environmental condition resulting from the past *release* of *hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority (i.e., 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, if a leaking underground storage tank has been cleaned up to a commercial use standard but does not meet unrestricted residential cleanup criteria; this would be considered a controlled recognized environmental condition. The "control" is represented by the (inferred) restriction that the property remains commercial.

- One CREC (former Lockheed Martin Facility), related to a groundwater plume containing TCE and synthetic perchlorate, has been identified underlying the subject property. The former Lockheed Martin Facility is mapped approximately 4.5 mile east of the subject property.

Historical recognized environmental conditions (HREC'S) are defined by the American Society of Testing and Materials (ASTM) Practice E 1527-13 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 agency, without subjecting the *property* to any required controls (i.e., *property* use restrictions, *activity and use limitations*, *institutional controls* or *engineering controls*).

- No HREC's were identified within or related to the subject property.

We have performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 for the 5±-Acre Parcel of Agricultural Land, Assessor Parcel Number (APN) 0167-061-03, located adjacent the north side of W. Pioneer Avenue, in the City of Redlands, San Bernardino County, California. Any exceptions to, or deletions from, this practice are described in the section titled *Data Failures and Data Gaps* of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property, except for the following:

- One composite sample, HA-5 and HA-6 @ 0.5 ft., was reported at 2.1 milligrams per kilograms (mg/kg) which is slightly above the USEPA Region 9 Regional Screening Level (RSL) of 2.0 mg/kg for DDE in residential use soils. These soils should be excavated and removed from the site in accordance with current regulatory standards.

- The subject property is located within the Crafton-Redlands Plume boundary, a groundwater plume with known trichloroethylene (TCE) contamination. Strict definition of the Crafton-Redlands plume warrants it to be labeled as a Controlled Recognized Environmental Condition; however,

based on 2021 measured depths to groundwater (approximately 195 feet below grade [fbg]), the concentrations of TCE are reported to be sufficiently low (below MCLs in close proximity to the site) as to not present a health risk to future residents. Additionally, synthetic perchlorate concentrations are slightly above the MCL and decreasing in close proximity to the subject property. Further, because of the known presence of groundwater contamination and the source, the Regional Water Quality Control Board will more than likely not identify future property owners as Responsible Parties. As a result, the plume underlying the site is considered a de minimis condition.

SITE CONSIDERATIONS

Items, if presented below, are not considered recognized environmental conditions in accordance with ASTM 1527-13. Although these items may warrant consideration in conjunction with any planned development activities, they are not recognized environmental conditions. The information regarding possible actions relative to these items has been provided as guidance.

- With development of any vacant property with historical record of agricultural land use, a certain amount of unknown subsurface conditions should be anticipated. Any discolored soils, noxious odors, and/or buried objects/debris (concrete irrigation lines) encountered during clearing and grubbing or future grading and development should be left in place until an experienced environmental professional (such as Petra) has had the opportunity to evaluate the conditions and provide recommendations if needed. In the event concrete irrigation lines are encountered, caution should be taken to not crush the lines until it can be ascertained that they do not contain asbestos.

- It is unknown if there are any septic tanks or leach fields on the site. If any are encountered during site development, it is recommended that they be removed in accordance with current regulations.

- It is recommended that all debris and trash encountered on the site be removed and disposed in accordance with current local regulations.

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PHASE I ENVIRONMENTAL SITE ASSESSMENT
AND LIMITED PHASE II ASSESSMENT

5±-Acre Parcel of Agricultural Land
Assessor Parcel Number (APN) 0167-061-03
Site East of 1160 W. Pioneer Avenue
City of Redlands, San Bernardino County, California

INTRODUCTION

The information presented in this report includes the results of our recent field reconnaissance, a review of various federal, state, and local government agency records, and a review of historic aerial photographs and topographic maps for the site vicinity. This report includes a summary of our findings, our opinion as to the current environmental condition of the site, and recommendations for additional work, if needed.

Purpose

This Phase I Environmental Site Assessment (ESA) was conducted to determine if any recognized environmental conditions exist on the subject site. Recognized environmental conditions are defined by the American Society for Testing and Materials (ASTM) as any hazardous substance or petroleum product under conditions that indicate an existing, past, or material threat of release into the structures, ground, groundwater, or surface water at the subject site.

This assessment is also intended to satisfy the requirement for conducting all appropriate inquiries into the previous ownership and uses of a property for the purposes of meeting the all appropriate inquiries provisions necessary to qualify for certain landowner liability protections under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

We have performed this assessment in conformance with the scope and limitations of the standards set forth in the ASTM Practice E 1527-13 and the EPA's All Appropriate Inquiry (AAI) regulations 40 CFR Part 312.

Involved Parties

This report was prepared by Petra Geosciences, Inc. (Petra), at the request of Meritage Homes for their exclusive use. Use of this report or reliance thereon by other parties or projects is not authorized. The report may not be suitable for other parties or other purposes.

SCOPE OF ASSESSMENT

The scope of this assessment included the following:

1. Performing a site reconnaissance to identify the current conditions and land use of the subject site and adjoining properties, which included noting the visual evidence of prior uses of the subject site and adjoining properties. The site reconnaissance included an observation of the site surface, building and structure interiors, and the site perimeter.

2. Researching historical land use of the subject site and vicinity by reviewing available historical aerial photographs, United States Geologic Survey (USGS) topographic maps, fire insurance maps, city directories, local building department records, local planning department records and other reasonably ascertainable maps and data.

3. Performing a limited literature review of local and regional geological conditions as they pertain solely to commenting of recognized environmental conditions for the site.

4. Conducting a search for environmental liens and Activities and Use Limitations (AULs) for the property.

5. Obtaining and reviewing a search of pertinent federal, state, and local regulatory agency databases concerning environmental conditions on and in the vicinity of the site. As specified in the ASTM and AAI standards, the following databases were searched using, at a minimum, the recommended search radius:

   - *Federal National Priority List (NPL) site list,*
   - *Federal Delisted NPL site list,*
   - *Federal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) site list,*
   - *Federal CERCLIS- No Further Remedial Action Planned (CERC-NFRAP) site list,*
   - *Federal Resource Conservation and Recovery Act Information (RCRA) Corrective Action Report (CORRACTS) facilities list,*
   - *Federal RCRA non-CORRACTS Treat, Store and Dispose (RCRA-TSD) facilities list,*
   - *Federal RCRA generators list,*
   - *Federal institutional control/engineering control registries,*
   - *Federal Emergency Response Notification System (ERNS) list,*
   - *State and tribal lists of hazardous waste sites identified for investigation or remediation including: State- and tribal-equivalent NPL, State, and tribal-equivalent CERCLIS lists,*
   - *State and tribal landfill and/or solid waste disposal site lists,*
   - *State and tribal leaking storage tank lists,*
   - *State and tribal registered storage tank lists,*
   - *State and tribal institutional control/engineering control registries,*
   - *State and tribal voluntary cleanup sites, and*
   - *State and tribal Brownfield sites.*

   In the interest of thoroughness, numerous non-ASTM and non-AAI required databases were also searched. These databases are listed and discussed in the database search included within this report.

6. Contacting and interviewing knowledgeable persons, such as property owners, managers, and representatives of local government agencies regarding historical site use and current site conditions, if possible.

7. Evaluating the presence of recognized environmental conditions at the subject site through observation and research of reasonably ascertainable records. Recognized environmental conditions may include the presence of hazardous materials, petroleum products, underground storage tanks, above ground storage tanks, drums, chemical containers, polychlorinated biphenyls (PCB's), liquid or solid wastes, oil wells, and areas indicative of potential contamination including stained soils and/or pavement, stressed vegetation, monitoring wells, drains, sumps, pits, ponds, lagoons, and odors.

8. Preparing a report presenting the results of our Phase I ESA.

Unless listed above, this assessment does not include any testing or sampling of materials (such as an assessment for the potential presence of methane or radon, asbestos, lead-based paint, or the sampling and testing of soil, air, soil vapor, surface water, or groundwater). This assessment does not include evaluating the site for the presence of wetlands, regulatory compliance, or other items beyond the scope of ASTM E 1527-13 or 40 CFR Part 312, nor is it an assessment for vapor intrusion as defined by ASTM E 2600-15.

SITE OVERVIEW

The subject site is located adjacent the north side of W. Pioneer Avenue in the city of Redlands, San Bernardino County, California. According to the California Department of Conservation, Geologic Energy Management Division (CalGEM) Online Mapping System (2022), the site is located within Township 01 South, Range 03 West, Section 16, San Bernardino Base and Meridian. A site location map is included as Figure 1.

The rectangular shaped site is comprised of approximately 5±-acres of vacant land with Assessor Parcel Number (APN) 0167-061-03. The site slopes gently to the north with existing elevations on the order of approximately 1,277± feet above mean sea level (msl) along the south portion of the site, to 1,270± feet above msl along the north portion of the site. Vehicular access to the subject property is along the south via W. Pioneer Avenue. The site is bounded along the north by an orchard; along the east by Citrus Valley High School; along the south by W. Pioneer Avenue; and along the west by vacant land (1160 W. Pioneer Avenue). Light to moderate vegetation covers the site with several mature trees along the south and east boundaries of the site. A plan showing the configuration of the subject property is included as Figure 2.

PREVIOUS LAND USE

Based on information obtained during this assessment, the site appears to have been used for cultivated orchards since at least 1930 until sometime between/during 2006 and 2009. Sometime between/during 2006 and 2009 the orchards have been removed from the site and the site has remained vacant land to present. Historical information reviewed during this assessment includes aerial photographs (dating back to 1930), USGS topographical maps (dating back to 1899), environmental lien search and interviews. EDR indicates that fire insurance maps covering the target property were not found.

PREVIOUS REPORTS

No previous environmental reports for the subject site were provided to Petra for review during this assessment. However, during Petra's review of potential environmental concerns associated with facilities in close proximity to the subject parcels, it was noted that groundwater monitoring wells associated with the Crafton-Redlands Groundwater Plume were mapped on the State Regional Water Resources Control Board's GeoTracker website in the vicinity of Pioneer Street (approximately 1,200 feet east-southeast),Texas Street (approximately 3,200 feet southeast) and Orange Street (approximately 4,250 feet northeast). In addition to these wells, multiple monitoring wells were mapped throughout the Redlands area. Data has shown that the source of the groundwater plume is the Lockheed Environmental Systems Tech Company (formerly Lockheed Martin Facility at 1500 Crafton Avenue, Redlands, California). This facility is mapped approximately 4.5 miles east-southeast of the subject property. A summary of reports by Tetra Tech, Inc. are provided below.

Tetra Tech, Inc., 2015

This document presents a revision to the ongoing groundwater monitoring of trichloroethene (TCE) and perchlorate associated with the Crafton-Redlands plume, located in the eastern and central portion of the Bunker Hill Groundwater Basin in San Bernardino, California. There are three monitoring wells in the vicinity of the subject property: Williams Well (Pioneer Street), COR Orange Street (Orange Street) and COR#31-A (Texas Street south of San Bernardino Avenue).

Williams Well is screened for groundwater sampling at a depth of 158-388 feet below the ground surface. Well COR Orange Street is screened for groundwater sampling at a depth of 153-490 feet below the ground surface. Well COR#31-A is screened for groundwater sampling at a depth of 480-700 feet below the ground surface.

Statistical analysis of samples collected from the Williams Well reported non-detect concentrations of perchlorate and Trichloroethene (TCE). Well COR Orange Street reported an average concentration of 1.8 micrograms per liter (µg/L) perchlorate and non-detect for TCE. In Well COR#31-A, the maximum concentration of perchlorate was listed as 25 µg/L and the average as 15 µg/L. The average concentration for TCE was reported as 0.56 µg/L and 1.4 µg/L as the maximum level. Statistical trends reported that perchlorate concentrations are decreasing in Williams Well and COR#31-A, and increasing in Well Orange Street. For comparison purposes, the Maximum Contaminant Level (MCL) for perchlorate is 6 µg/L. For TCE the MCL is 5 µg/L.

Lockheed Martin Corporation, 2017

This report summarizes activities performed in the fourth quarter 2016. Groundwater monitoring activities associated with the Crafton-Redlands plume project are performed in accordance with the Regional Water Quality Control Board (RWQCB)-approved 2015 groundwater management plan (GMP). The 2015 GMP describes the approach to monitor the trichloroethene (TCE) and perchlorate plumes in the eastern and central portions of the Bunker Hill Groundwater Basin. The 2015 GMP is designed to monitor groundwater quality at potable, agricultural and monitoring well locations.

In accordance with the Plume Characterization Monitoring Plan, monitoring well sampling included collection of groundwater samples from the above identified wells located in the central portion of the Bunker Hill Groundwater Basin. Samples were analyzed for perchlorate and Volatile Organic Compounds (VOC's) including TCE. Results are provided in the data report by Tetra Tech, Inc. (dated January 17, 2017) summarized below.

Tetra Tech, Inc., 2017:

The purpose of this water supply monitoring plan is to monitor groundwater quality, specifically trichloroethene (TCE) and perchlorate concentrations at water supply wells owner by water purveyors in the Bunker Hill Groundwater Basin.

Well COR#31-A, with a reported depth of groundwater as 228 feet below the ground surface, was not required to be sampled for this quarterly monitoring report (semi-annual sampling). Well COR Orange Street, with a reported groundwater depth of 188 feet, reported non-detect levels of perchlorate. TCE sampling was not required (semi-annual sampling). No information was provided for the Williams Well.

Petra reviewed monitoring reports from 2018 and found no new data for the Williams Well and Well COR#31-A. Well COR Orange Street reported non-detect levels of perchlorate during sampling in the fourth quarter 2018 (Tetra Tech, 2019).

Tetra Tech, Inc., 2021

This Comprehensive Groundwater Sampling Report is submitted in support of Cleanup and Abatement Orders 94-37, 97-58, and 01-56 issued to Lockheed Martin Corporation by the State of California Regional Water Quality Control Board (RWQCB) Santa Ana Region. The data presented in the report were collected according to the 2015 Groundwater Monitoring Program sampling plan submitted to the RWQCB on September 15, 2015 by Lockheed Martin Corporation and approved by the RWQCB on September 24, 2015. Lockheed Martin Corporation will initiate implementation of the RWQCB-approved 2020 Groundwater Monitoring Program sampling plan in December 2021.

On behalf of Lockheed Martin Corporation, Tetra Tech, Inc. performed the 2021 Comprehensive Groundwater Sampling Event for Crafton-Redlands project in San Bernardino County, California. Groundwater monitoring of the Crafton-Redlands plume is being performed in support of Cleanup and Abatement Orders 94-37 and 97-58, as amended by 01-56 issued to Lockheed Martin Corporation by the California Regional Water Quality Control Board, Santa Ana Region (RWQCB).

This report provides an annual update of the groundwater monitoring activities conducted by Lockheed Martin Corporation to evaluate the occurrence of trichloroethene and synthetic (industrial) perchlorate in groundwater in the eastern and central portions of the Bunker Hill Basin, referred to as the Crafton-Redlands plume. The Comprehensive Groundwater Sampling Event is conducted annually in the summer months

(third quarter), when most of the production wells are active and the collection of water quality samples are more readily obtained.

Groundwater samples were collected from both the water production wells and monitoring wells and analyzed for perchlorate and volatile organic compounds including trichloroethene. The findings of the 2021 Comprehensive Groundwater Sampling Event are summarized below.

- The areal extent of the Crafton-Redlands synthetic perchlorate plume decreased over the past year and continues to decrease over time.

- The extent of Crafton-Redlands trichloroethene plume has been decreasing over time. Over the past year, the extent of the trichloroethene plume increased slightly due to a slight increase in trichloroethene concentration in one well (on Alhambra Avenue), located at the trailing edge of the plume. The slight increase in the trichloroethene concentration may be a result of groundwater elevation changes causing the concentration fluctuation in the well.

- The synthetic perchlorate and trichloroethene plumes continue to be captured along the Gage well field in the central portion of the Bunker Hill Basin, where groundwater is extracted from the wells and treated at the City of Riverside Tippecanoe treatment plant and the City of Riverside Gage 46-1R treatment plant (perchlorate treatment) for potable use.

- Perchlorate concentrations in monitoring wells at the former Lockheed Propulsion Company Site in Mentone ranged from non-detect (below method detection limits) to 3.8 J µg/L. Perchlorate was detected only in monitoring wells located in the north side of the site. These trace concentrations of perchlorate may have an offsite source. Based on previous perchlorate stable isotopic analysis of a groundwater sample from one well located in the northern portion of the site, the source of perchlorate detected in this area of the site is likely agriculturally sourced and originated from agricultural areas upgradient of the former Lockheed Propulsion Company site. No volatile organic compounds were detected in the samples collected from the former Lockheed Propulsion Company site monitoring wells.

- As the drought conditions persist, some production wells and monitoring wells in the Bunker Hill Basin have gone dry due to declining groundwater levels. Over the past year, the groundwater elevation in the central portion of the Bunker Hill Basin decreased by approximately 6 feet to as much as 50 feet, depending on the well location. In the undifferentiated aquifer area of the Bunker Hill Basin east of California Street, the groundwater elevation change varied from an increase of approximately 13 feet to a decrease of approximately 86 feet, over the past year. The groundwater elevations have varied from season to season depending on the extent of groundwater pumping, precipitation, and groundwater recharge activities at the Santa Ana River and Mill Creek spreading grounds located along the northeast side of the Bunker Hill Basin.

ENVIRONMENTAL SETTING

The following section provides an overview of the regional and local geologic setting and includes information pertaining to groundwater conditions in the vicinity of the subject site. Geotechnical hazard information (faults, landslides, etc.) is not part of this assessment. This section does not constitute a geotechnical evaluation of the subject site and should not be taken as such.

Geology

Geologically, the site lies within the northern portion of the Peninsular Ranges Geomorphic Province (CGS, 2002). The Peninsular Range Province extends from the tip of Baja California north to the Transverse Ranges Geomorphic Province and is characterized by northwest trending mountain ranges separated by subparallel fault zones. The San Bernardino Mountains, located north of the site, provides the boundary between the Peninsula Range Province and the Transverse Ranges Province. In general, the province is underlain primarily of plutonic rock of the Southern California Batholith. The Peninsular Range Geomorphic Province is generally characterized by alluviated basins and elevated erosion surfaces.

Published geologic maps of the area indicate that the site and surrounding areas are underlain by Middle Holocene-age Young axial-valley deposits – Unit 3 (Matti, J.C., et al, 2003). These soils are described as slightly too moderately consolidated silt, sand and gravel deposits. The site is not within an Alquist-Priolo Earthquake Fault Zone (Bryant and Hart, 2007).

Surface Water

No surface water was observed within the property during our site reconnaissance.

The subject property is situated within Flood Insurance Map (FIRM) 06071C8704H Panel 8704 of 9400, and is mapped within Zone X, defined as areas of 0.2 percent annual chance flood; areas of 1 percent chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1 percent annual chance flood. The FIRM map (Map Revised August 28, 2008) is provided in Appendix B.

Groundwater

The site is located within the Upper Santa Ana Valley – San Bernardino (8-002.06) Groundwater Basin (GeoTracker, 2022), and listed with Basin Subbasin name San Bernardino (8-002.06) on the California Department of Water Resources website (DWR, 2022). In general, groundwater depth varies within the area and though flow direction specifically beneath the subject property is unknown, it is reasonable to estimate flow to follow regional topography from east to the west – northwest. The high groundwater depth within the site vicinity, between 1973 and 1983, is reported as 100 feet below the ground surface (Matti and Carson, 1991).

Groundwater depths in wells located in the vicinity of the subject property were reviewed on the California Department of Water Resources website (DWR, 2022). There appears to be no wells mapped within the

property. The closest well in alluvial areas is located west of the property, and reports depths of greater than 100 feet since 1987. The memorandum documenting this inquiry is included in Appendix B.

Groundwater in the central portion of the Bunker Hill Groundwater Basin occurs under unconfined water table conditions; however, groundwater along the western portion occurs under confined conditions (Tetra Tech, 2015). The basin contains three hydro stratigraphic units defined as containing productive water-bearing units. In the central basin (where the subject site is located), groundwater flow within the middle aquifer is in a southwesterly direction towards Colton Narrows. The Basin boundary between the Bunker Hill and Colton-Rialto is the San Jacinto Fault. Colton Narrows is an alluvium and gouge filled notch within the fault zone that allows surface water and shallow groundwater to exit the Bunker Hill Basin and enter the Colton-Rialto Basin. Deeper groundwater is inhibited from flowing through the fault zone.

RESULTS OF ASSESSMENT

The results of our site reconnaissance and observation of adjacent sites, agency database review, and historical land use study are presented in the following sections.

Site Observation

Petra conducted a reconnaissance of the subject site on March 16, 2022. Site photographs are included in Appendix A. Our site observations are summarized below.

Site Description and General Information

- The subject site is located adjacent the north side of W. Pioneer Avenue in the city of Redlands, San Bernardino County, California. No physical markers differentiated the site boundary. A site location map is included as Figure 1.

- The rectangular shaped site is comprised of approximately 5±-acres of vacant land with Assessor Parcel Number (APN) 0167-061-03. The site slopes gently to the north with existing elevations on the order of approximately 1,277± feet above mean sea level (msl) along the south portion of the site, to 1,270± feet above msl along the north portion of the site.

- Vehicular access to the subject property is along the south via W. Pioneer Avenue. The site is bounded along the north by an orchard; along the east by Citrus Valley High School; along the south by W. Pioneer Avenue; and along the west by vacant land (1160 W. Pioneer Avenue). Light to moderate vegetation covers the site with several mature trees along the south and east boundaries of the site.

- Dumped household trash was observed in several areas of the site and included plastic bags, plastic bottles, cans, pans, wood, doors, pieces of concrete, cardboard, and other miscellaneous household trash along with windblown trash. There were no visible signs of this debris containing hazardous substances.

- No water well was observed onsite during our reconnaissance.

- No electrical lines, pole mounted, or pad mounted transformers were observed onsite during our reconnaissance.

- There was no evidence of sumps, pits, pools, or lagoons identified during our site reconnaissance.

Adjacent Site and Vicinity Observations

The property is situated in an area of residential, commercial and open space/undeveloped land use. Our observations are noted below:

North — To the north of the subject site is an orchard with W. Domestic Avenue, and agricultural land beyond.

West — To the west of the site is vacant land (1160 W. Pioneer Avenue), with the 210 Foothill Freeway, and commercial development beyond.

South — To the south of the subject site is W. Pioneer Avenue, with vacant land beyond.

East — To the east of the subject site is Citrus Valley High School, with Texas Street, vacant land and residential development beyond.

Government Agency Database Research

A search of federal, state, and local government listings was performed by Environmental Data Resources, Inc. (EDR) for the purposes of this report. The search radius used for all government databases meets or exceeds the standard search distance adopted by ASTM and AAI.

Results of Agency Records Search

A data search of the various government agency records listed in Appendix B revealed no listings for the subject site. The EDR report shows six surrounding sites, some with multiple listings, within the requested search radii. Two orphan sites (sites with inadequate address information to be mapped by EDR) were identified during the agency database search. Refer to the EDR Report in Appendix C for the search radii completed for this assessment.

The linear distance and groundwater gradient guidelines provided in ASTM E2600-15 (Tier 1 Areas of Concern) are used as a reasonable screening tool for groundwater and vapor migration to identify a recognized environmental condition (REC) associated with the subject site (ASTM, 2015; Buonicore, 2014). For contaminated sources (such as a dry cleaner with a PCE release or a gas station with a leaking underground storage tank releasing BTEX) located up-gradient of the Target Property (TP), the focus would be on those contaminated sites within the AOC distance of 1,760 feet. The AOC search distance in the cross-gradient quadrant is reduced from 1,760 feet to 365 feet and the AOC for contaminated sites down-

gradient from the TP is reduced from 1,760 feet to 100 feet. A copy of the plan showing the AOC boundaries can be found in Appendix B. A brief description of the sites listed in the EDR report, which are of potential concern due to the nature of the listing or their proximity to the site (within the AOC), is provided below:

Site 7: Kens Morse, 880 W. Pioneer Ave., Redlands, CA 92374: This site is listed between 1/8- to 1/4-mile east-southeast of and at a higher elevation than the subject site. This site is listed on the Resource Conservation and Recovery Act Information, NonGen (RCRA NonGen / NLR) database. No violations or evaluations are reported. Based on the lack of recorded violations or evaluations, this listing does not currently appear to represent a recognized environmental condition with regards to the subject site at this time.

Site 8: New High School No. 3, Texas Street/W. Pioneer Avenue, Redlands, CA 92374: This site (Citrus Valley High School) is listed 1/8 to 1/4 of a mile east-northeast of, and at a higher elevation than the subject site and is listed on the State- and tribal – equivalent CERCLIS (ENVIROSTOR), School Property Evaluation Program (SCH) and CalEPA Regulated Site Portal (CERS) databases. The site type is for school investigation with the Department of Toxic Substance Control (DTSC) as the lead agency for site mitigation and brownfield reuse program due to past use for agricultural. The site status is currently reported as a "No Further Action" site with a status date of 04/19/2007. Based on the oversight agency granting No Further Action, this listing does not currently appear to represent a recognized environmental condition with regards to the subject site.

All site listings in the EDR report do not currently appear to represent a recognized environmental condition with regards to the subject site, due to the nature of the listings, the oversight agency having granted no further action, the site being outside the AOC from the subject site, their distance from the subject site and/or depth to contamination.

Orphan Sites

Orphan sites are those that the database search was not able to locate due to lack of complete address information. Two orphan site was listed in the EDR report. One Orphan listing is for Alabama Street and Pioneer Avenue. This intersection is over 2,000 feet west of and down gradient of the subject site. The other Orphan listing was related to the Crofton-Redlands Area Bunker Hill Ground Water Sub-B which is discussed previously under the heading for Groundwater.

Local Agencies

Petra reviewed information held by the agencies listed below during the course of this assessment.

San Bernardino County

The San Bernardino County Department of Environmental Health maintains Environmental Case Listings related to hazardous waste permits, underground storage tanks and tank cleanup sites. Records held by this agency were accessed by EDR during the government database search. No listings for the subject site were reported by EDR.

California Regional Water Quality Control Board

The California Regional Water Quality Control Board-Santa Ana Region (RWQCB) maintains records of leaking underground storage tank sites and groundwater cleanups for sites in the Santa Ana Region. Records held by the RWQCB were accessed by EDR during the government database search. No listings for the subject site were reported by EDR.

GeoTracker

The GeoTracker website maintains a record of environmental data for regulated facilities in California. Based upon our internal review, no database listings for the subject site were reported on GeoTracker. The Crafton-Redlands Groundwater Plume was mapped underlying the subject property. This plume is discussed in the *Previous Reports* section above. The memorandum documenting this inquiry is included in Appendix B.

California Department of Conservation, Geologic Energy Management Division (CalGEM)

According to the California Department of Conservation, Geologic Energy Management Division (CalGEM, 2022), there are no active or abandoned oil, or gas wells located on the subject site, and the subject site is not within the boundaries of an oil field. Further, there were no indications of any such wells found during our reconnaissance of the subject site. A copy of the review is included in Appendix B.

Department of Toxic Substances Control

The online database EnviroStor (DTSC, 2022), which provides records on LUSTs, SLICs, Priority cleanup sites and states sites, is maintained by the Department of Toxic Substances Control (DTSC). No database listings for the subject site were reported on EnviroStor. The memorandum documenting this inquiry is included in Appendix B.

The Crafton-Redlands Area was identified on the Envirostor database map, at a distance of approximately 4 miles east of the subject property. Although not within a typical radius distance search area, this facility has affected groundwater in the Bunker Hill sub-basin which underlies the subject property. The site is an area of groundwater contamination consisting of approximately 19 square miles. In the past 6 years, the city of Redlands has taken 6 domestic wells offline due to TCE, tetrachloroethane (PCE) and dibromochloropropane (DCBP) contamination. There is no known exposure at this time. The RWQCB and Lockheed Martin have conducted investigations in an effort to identify the source of contamination. One source may be an old burn pit at the Lockheed Martin facility. Additional information regarding this plume is discussed in the *Previous Reports* section above. The memorandum documenting this inquiry is included in Appendix B.

National Pipeline Mapping System

Petra reviewed the National Pipeline Mapping System (NPMS, 2022) public viewer website for gas transmission pipelines and hazardous liquid trunklines on or close to the subject property. Due to security purposes, close-up map views are not available. According to the information reviewed, no pipelines appear to be located on the subject property or immediately adjacent. A copy of this map is included in Appendix B.

Vapor Migration

Standard revisions presented in ASTM E1527-13, considers the assessment of vapor migration similar to that of groundwater contamination. As a result, Petra reviewed documentation regarding surrounding sites

near the subject property with known soil and groundwater contamination to preliminarily evaluate potential areas of concern for vapor migration/encroachment onto the subject property. An area of concern typically includes active or abandoned gas stations and dry cleaners, industrial facilities, and hazardous waste disposal and landfill facilities with known or suspected soil and/or groundwater contamination.

In the absence of specific criteria within ASTM Standard E1527-13, Petra considered the linear distance and groundwater gradient guidelines provided in ASTM E2600-15 (Tier 1 Areas of Concern) as a reasonable screening tool for vapor migration to identify a recognized environmental condition (REC) associated with the subject site (ASTM, 2010; Buonicore, 2014).

For vapor encroachment to represent a potential for vapor intrusion to structures within the subject property, vapors must have a pathway to create an indoor air quality condition (i.e., Recognized Environmental Condition). Petra assessed the potential for vapor migration onto the subject property from the Crafton-Redlands Groundwater Plume, currently associated with the former Lockheed Martin facility (1500 Crafton Avenue), in northeast Redlands (approximately 4 miles east of the subject property). A recent comprehensive groundwater monitoring report for the former facility by Tetra Tech, Inc. (dated November 22, 2021) depicts monitoring wells in the vicinity of the subject property. Based upon groundwater monitoring results, the subject property is located within the Crafton-Redlands Plume boundary, a groundwater plume with known synthetic perchlorate and trichloroethylene (TCE) contamination. Although the boundary of the plume varies in publications, groundwater monitoring wells associated with the plume extends from the former Lockheed Martin facility in northeast Redlands west to near the Waterman Avenue/Interstate 10 interchange (Tetra Tech, 2019).

Although groundwater beneath the site has been impacted, based on the 2021 measured depths to groundwater (approximately 195 feet below grade [fbg]), the concentrations of TCE are reported to be sufficiently low (below MCL in proximity to the subject site) as to not present a health risk to future residents. By comparison, synthetic perchlorate concentrations are slightly above the MCL underlying the subject property. Further, because of the known presence of groundwater contamination, the Regional Water Quality Control Board will more than likely not identify future subject property owners as Responsible Parties.

Strict definition of the Crafton-Redlands plume warrants it to be labeled as a Controlled Recognized Environmental Condition; however, depth to groundwater and decreasing contamination levels slightly above or below drinking water MCLs, the plume underlying the site is considered as a de minimis condition.

The Crafton-Redlands Plume is not considered to represent a concern in regard to vapor encroachment on to the subject site at this time.

No other surrounding sites have been identified during this assessment which would appear to represent a concern in regard to vapor encroachment on to the subject site at this time.

Evaluation of Records Search Results

In summary, no sites were identified in our search of various government agency database records, which appear to have impacted the soils beneath the subject site at this time. The subject site, however, is geographically located within the Crafton-Redlands Plume boundary, a trichloroethylene (TCE) groundwater plume. The Crafton-Redlands plume is located in the eastern and central portion of the Bunker Hill Groundwater Basin in San Bernardino County, California. Although groundwater beneath the subject property has been reportedly impacted by known contaminants, the depth to groundwater (greater than 200 feet below grade [fbg]) and the concentrations of contaminants are sufficiently low as to not present a health risk to future residents. As a result, the Crafton-Redlands plume represents a de minimis condition to the subject property at this time.

Results of Aerial Photo Analysis

Although aerial photographs can often be a valuable source of information in the assessment of historical land usage, it should be understood that information extrapolated from photographic images is strictly interpretation and not necessarily fact. For this reason, it may not be appropriate to draw conclusions regarding previous site activities based solely upon aerial photographic analysis.

In order to provide a complete updated assessment of historical land usage on and in the vicinity of the subject site, aerial photographs with coverage of the subject site and vicinity were obtained from EDR and viewed by a representative of this firm. Photographs from the years 1930, 1938, 1949, 1953, 1959, 1966, 1968, 1975, 1985, 1989, 1994, 2002, 2006, 2009, 2012, and 2016 were provided by EDR. Also, aerial photographs (i.e., Google Earth®) from 2017 to 2021 have been reviewed for this assessment. A summary of the information obtained during the aerial photograph review follows. Copies of the aerial photographs obtained from EDR are included in Appendix C.

The 1938 photograph is incorrect and not a photograph of the subject site. Therefore, the 1938 photograph has been excluded in the following paragraphs.

1930, 1949, 1953, 1959, 1966, 1968 and 1975 Photographs

In the 1930, 1949, 1953, 1959, 1966, 1968 and 1975 photographs the site was developed as cultivated orchards. Mature trees line the south boundary adjacent W. Pioneer Avenue. The surrounding area is also being utilized as cultivated orchards with rural residences throughout the areas. W. Domestic Avenue and W. Pioneer Avenue appear as dirt roads.

1985, 1989, and 1994 Photographs

In the 1985, 1989 and 1994 photographs, the subject site appears generally the same as in the prior photograph and remains developed with cultivated orchards. The surrounding areas are also appear generally the same as in the prior photograph with the exception of some orchards have gone fallow and the 210 Freeway has been constructed just west of the subject site with on-ramps and off-ramps to W. San Bernardino Avenue. Also, roads throughout the area have been improved. Starting in the 1989 photograph, residential tract development is visible southeast of the subject site.

2002 and 2006 Photographs

In the 2002 and 2006 photographs, the subject site appears generally the same as in the prior photograph and remains developed with cultivated orchards. Throughout the surrounding areas several more orchards have gone fallow, and the 210 Freeway continues to be improved.

2009 Photograph

In the 2009 photograph, the orchard trees have been removed from the subject site. Orchards continue to be removed throughout the surrounding areas. Citrus Valley High School and Citrus Valley H.S.U.S. Baseball Academy are under construction adjacent the east side of the subject site. A commercial building appears northwest of the site and west of the 210 Freeway.

2012 and 2016 Photographs

In the 2012 and 2016 photographs, the subject site appears generally the same as in the prior photograph. Construction for Citrus Valley High School and Citrus Valley H.S.U.S. Baseball Academy appears complete. Commercial development continues west of the 210 Freeway in the 2016 photograph.

Google Earth Imagery 2017 and 2021

The site appears generally the same as in the previous photograph until present. Commercial development continues west of the 210 Freeway. Residential tract development has expanded south and east of Citrus Valley High School and Citrus Valley H.S.U.S. Baseball Academy.

Historical USGS Topographic Maps

Petra reviewed the historical USGS topographic maps of the site and vicinity (Anaheim Quadrangle) provided by EDR (Target Quad's: 1899, 1901, 1954, 1967, 1973, 1975, 1980, 1988, 1996, 2012, 2015 and 2016. No land use is shown for the subject site on the historical topographic maps for 1899, 1901, 2012, 2015 and 2016. The site was depicted as developed with orchards in historical topographic maps from 1954 through 1996. These maps generally support observations made from the aerial photographs reviewed. Copies of the maps reviewed are provided in Appendix C.

Environmental Liens & Activity and Use Limitations

Environmental Liens and Activity and Use Limitations (AUL) indicate restrictions on a property, which may represent a recognized environmental condition for the subject site. A search for Environmental Liens and AULs was conducted by EDR as part of this assessment. The Assessor Parcel Number (APN) used for this search was 0167-061-03-000. The results from this search indicated that there were no recorded Environmental Liens or AULs listed for the APN within the subject site. Two Deeds were provided with the lien and AUL search report.

Deed Exhibit 1, a Trust Transfer Deed was provided and shows the property has been transferred from Patricia Bernard, a married woman, as her sole and separate property, as a tenant in common, grants to Phillip John Jr. and Patricia Diane Bernard, Trustees of the Bernard Family Trust dated October 31, 2017, with date recorded December 19, 2017.

Deed Exhibit 2 is an Affidavit – Death of Trustor, Trustee and Beneficiary Trust document. The property is vested in Michael Emm Trustee, received from Calla Jo Emm, deed dated January 19, 1992, with date recorded March 27, 1992.

A copy of the lien and AUL search reports are provided in Appendix C.

Fire Insurance Maps

Fire Insurance Maps provide information on structure locations and operations, which were present at the time of the survey. These maps were completed for most major cities and metropolitan areas, dating from 1867, and provide information into past usage of buildings and how commercial and industrial zoning has changed over time. Sanborn™ Fire Insurance maps were requested for this assessment. EDR reports that fire insurance maps covering the target property were not found. The memorandum documenting this inquiry is included in Appendix C.

City Directory

City Directories provide information for a specific address at a specific time. A search of city directories, dating back to 1965 was conducted by EDR for this assessment. The search was conducted for the target property street and cross streets. No listings, which would indicate a potential concern for the subject site based on the name of the listing, was included in the EDR-City Directory Image Report. A copy of this search is presented in Appendix C.

EDR Property Tax Map Report

Petra reviewed EDR's Property Tax Map report which states No Coverage. A copy of the EDR report is provided in Appendix C.

Building Permits

Building Permit data provides information to identify current and/or former operations and structures/features which may represent a recognized environmental condition for the subject site. A search of building permits dating back to 2006 in the City of Redlands, Building and Safety Department was conducted by EDR for this assessment. There were no permits found for the target property and no permits found for the adjoining property which would indicate a potential environmental concern for the subject site based on the name of the listing. A copy of this search is presented in Appendix C.

Interviews

Petra provided a Owner Questionnaire to Ms. Johanna Crooker, Senior Forward Planning Manager with Meritage Homes. Ms. Cooker forwarded the Questionnaire to Ms. Patricia Bernard, co-owner of the subject site. A summary of the response to questions is provided below.

1. According to Ms. Bernard, she does have a good knowledge regarding the uses and physical characteristics of the property and does have a good knowledge regarding the activities/processes conducted at the property.

2. Ms. Bernard stated that, to the best of her knowledge, the site was orange groves from 1900(?) to 8/2007 and then an empty lot from 2008 to 2022.

3. Ms. Bernard indicated that, to the best of her knowledge, there are no petroleum products present on the site.

4. According to Ms. Bernard, based on her knowledge and experience related to the property, there are no notices or other correspondence from any government agency relating to past or current violations of environmental laws.

5. According to Ms. Bernard, there are no notices or other correspondence from any governmental agency relating to environmental liens encumbering the property.

6. According to Ms. Bernard, there are no pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property.

7. According to Ms. Bernard, there are no notices from any governmental entity regarding any possible violations of environmental laws, or possible liability relating to hazardous substances or petroleum products.

A copy of the complete Owner Questionnaire is provided in Appendix D.

Client Knowledge

In compliance with AAI, Petra sent a Client Questionnaire to the client, Ms. Johanna Crooker, Senior Forward Planning Manager with Meritage Homes, regarding her knowledge of the subject site. Ms. Crooker stated that the Phase I is required for residential development. A brief summary of other pertinent questions is provided below.

1. According to Ms. Crooker, she is not aware of any environmental clean-up liens against the property that are filed or recorded under federal, tribal, state of local law.

2. According to Ms. Crooker, she has not conducted a search of any environmental cleanup liens against the property that are filed or recorded in a registry.

3. According to Ms. Crooker, she is not aware of any activity and land use limitations (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place on or for the site, and/or have been filed or that environmental cleanup liens against the property that are filed or recorded under federal, tribal, state of local law.

4. According to Ms. Crooker, as the user of the Phase I ESA, she does not have specialized knowledge or experience related to the property or nearby properties.

5. According to Ms. Crooker, the purchase price being paid for this property reasonably reflect the fair market value of the property.

6. According to Ms. Crooker, she is aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of hazardous materials/chemical releases or threatened releases.

7. According to Ms. Crooker, she is not aware of any specific chemicals present currently or previously on the site.

8. According to Ms. Crooker, she does not know of any obvious indicators that point to the presence or likely presence of contamination at the property.

A copy of the complete client questionnaire is provided in Appendix D.

Data Failures and Data Gaps

In the event that data failures and/or data gaps are identified, the Environmental Professional (EP) will endeavor to comment on the significance of those data gaps. However, the EP cannot, and does not warrant or guarantee that no significant events, releases, or conditions arose, during periods such as data gaps.

Petra reviewed several sources for historical information regarding the subject site. These sources included a government agency database search, a city directory search, a review of historical aerial photographs and historical USGS topographic maps, fire insurance maps and interviews with people knowledgeable about the site. Some of the gaps between aerial photographs and topographic maps exceeded 10 years and EDR reports that fire insurance maps covering the target property were not found.

Data failures/data gaps exist in the historic information reviewed. These gaps are due to the limited resources available, which are reasonably ascertainable and practically reviewable in the local area. It is our opinion, however, that if additional historic information were to become available, it is not likely to change the conclusions or recommendations of this assessment.

DISCUSSION OF POTENTIAL ENVIRONMENTAL CONCERNS

The following discussions of potential environmental concerns are presented to inform the client as to the existence, or lack thereof, of recognized environmental conditions present on the subject site.

Regulatory Actions

Based upon a search of available federal, state, and local records, no known current regulatory action is pending with respect to the subject site at this time.

Adjacent and Nearby Properties

In summary, no sites were identified in our search of various government agency database records, which appear to have impacted the soils beneath the subject site at this time. The subject site, however, is geographically located within the Crafton-Redlands Plume boundary, a trichloroethylene (TCE) groundwater plume. The Crafton-Redlands plume is located in the eastern and central portion of the Bunker Hill Groundwater Basin in San Bernardino County, California. Although groundwater beneath the subject property has been impacted, the depth to groundwater (approximately 195 feet below grade [fbg]) and the concentrations of contaminants are sufficiently low as to not present a health risk to future residents. The Crafton-Redlands plume represents a de minimis condition to the subject site at this time.

Polychlorinated Biphenyls (PCB's)

Polychlorinated biphenyls (PCB's) are historically linked to electrical equipment, such as capacitors and transformers, due to their physical and chemical characteristics. PCB's, persistent in the environment, are known to accumulate in organisms and the food chain.

Any electrical equipment (i.e., transformers, capacitors, and fluorescent light fittings) containing dielectric insulating fluids or coolants, manufactured prior to 1976, should be considered to potentially contain PCB's. PCB's may also be found in older lubricating oils, cutting oils, hydraulic fluids, paints, sealants, and flame retardants (UNEP, 2002).

No electrical equipment (i.e., transformers, capacitors, and fluorescent light fittings) containing dielectric insulating fluids or coolants.

Underground Fuel Storage Tanks

No information has been obtained during this assessment, which would indicate fuel underground storage tanks (UST's) to be located on the subject site currently. Further, no surface indications of UST's were observed on the subject site during the site reconnaissance.

Aboveground Fuel Storage Tanks

No information has been obtained during this assessment, which would indicate above ground fuel storage tanks (ASTs) to be located on the subject site currently. Further, no surface indications of AST's were observed on the subject site during the site reconnaissance.

Storm Water/Waste Water Discharge

At this time, storm water discharge from the site appears to be limited to surface water runoff. No obvious sign of waste water discharge was observed during the site reconnaissance.

Pesticide and Herbicide Residues

Based on the use of the site for agriculture purposes from at least 1930 until sometime between/during 2006 and 2009, Petra simultaneously conducted a Limited Phase II Site Assessment to evaluate shallow, near surface, site soils for detectable concentrations of restricted agricultural chemicals (i.e., pesticides, metals, herbicides).

To evaluate agricultural chemical soil residues within the subject site, a total of 10 hand-auger borings (HA-1 through HA-10) were advanced to a depth of 1.5 feet below ground surface (bgs) utilizing a stainless-steel hand-auger on March 16, 2022. Soil samples were collected from the surface (0) to 0.5 foot, and 1.5 feet. The 0.5-foot samples were composited in groups of two and analyzed, along with one duplicate sample, for Organochlorine Pesticides (OCPs) according to Environmental Protection Agency (EPA) Test Method 8081A. Ten percent (1) of the composited samples was also tested for Chlorinated Herbicides using EPA Method 8151A. Prior to compositing the samples one sample from each group was analyzed discreetly for Arsenic and/or Title 22 Metals according to EPA Method 6010B/7471A. The remaining deeper soil samples were placed on hold by the laboratory for future testing in the event elevated levels of the aforementioned constituents were detected.

Results of our limited agricultural soil residue survey are provided later in this text and in the attached Table I. Copies of the official laboratory reports and chain-of-custody records are included in Appendix F.

Asbestos-Containing Materials

No potential asbestos-containing materials were observed on the site and no information was found which indicated the use, storage, or disposal of asbestos-containing materials on the site. However, with development of any vacant property with historical record of agricultural land use, a certain amount of unknown subsurface conditions should be anticipated. Any concrete irrigation lines encountered during clearing and grubbing or future grading and development should be left in place until an experienced environmental professional (such as Petra) has had the opportunity to evaluate the conditions and provide recommendations if needed. In the event concrete irrigation lines are encountered, caution should be taken to not crush the lines until it can be ascertained that they do not contain asbestos.

Lead-Based Paints

No potential lead-based materials were observed on the site and no information was found which indicated the use, storage, or disposal of lead-based paint on the site.

Landfills

The EDR report has one orphan site listing for Alabama Street and Pioneer Avenue. This site is listed on the Solid Waste Information System (SWF/LF) database. Orphan sites are those that the database search was not able to locate due to lack of complete address information. The intersection of Alabama Street and Pioneer Avenue is over 2,000 feet west of and down gradient of the subject site. Therefore, landfills do not appear to represent a recognized environmental condition with regards to the subject site.

Water Supplies

No water well was observed onsite during our reconnaissance.

Waste Generation and Storage

No readily detectable waste generation and storage was observed onsite during our site reconnaissance. However, dumped household trash was observed in several areas of the site and included plastic bags, plastic bottles, cans, pans, wood, doors, pieces of concrete, cardboard, and other miscellaneous household trash along with windblown trash. All trash should be removed from the subject property and disposed of offsite.

LIMITED PHASE II ASSESSMENT

Based on the use of the site for agriculture purposes from at least 1930 until sometime between/during 2006 and 2009, Petra simultaneously conducted a Limited Phase II Site Assessment to evaluate shallow, near surface, site soils for detectable concentrations of restricted agricultural chemicals (i.e., pesticides, metals, herbicides).

Soil Sampling Activities

Samples were collected in general conformance with guidelines presented in the *Interim Guidance for Sampling Agricultural Properties (Third Revision)* by the Department of Toxic Substances Control (DTSC, 2008). DTSC's recommended number of sampling locations for a 5-acre property is 10. DTSC's recommended number of sampling locations listed minimum 4 composite samples analyzed for organochlorine pesticides (OCP's) and minimum 4 discrete samples (one from each composite group) analyzed for arsenic (arsenical herbicides) from the 10 individual samples. Petra included CAM Title 22 Metals which includes arsenic to further qualify the site. Composite samples were generated by the laboratory from no more than 2 individual samples.

To evaluate agricultural chemical soil residues within the subject site, a total of 10 hand-auger borings (HA-1 through HA-10) were advanced to a depth of 1.5 feet below ground surface (bgs) utilizing a stainless-steel hand-auger on March 16, 2022. Soil samples were collected from the surface (0) to 0.5 foot, and 1.5 feet. The 0.5-foot samples were composited in groups of two and analyzed, along with one duplicate sample, for Organochlorine Pesticides (OCPs) according to Environmental Protection Agency (EPA) Test Method 8081A. Ten percent (1) of the composited samples was also tested for Chlorinated Herbicides using EPA Method 8151A. Prior to compositing the samples one sample from each group was analyzed discreetly for Arsenic and/or Title 22 Metals according to EPA Method 6010B/7471A. The remaining deeper soil samples

were placed on hold by the laboratory for future testing in the event elevated levels of the aforementioned constituents were detected.

All soil samples analyzed during this assessment were analyzed by Enviro-Chem, Inc. (ECI) in Pomona, California. ECI is accredited by the California Environmental Protection Agency, Department of Health Services Environmental Laboratory Accreditation Program (ELAP). Analyses were requested on a chain-of-custody record. Below is a discussion of the laboratory results.

Decontamination Procedures

All equipment that came into contact with potential soil residues was decontaminated consistently as to assure the quality of samples collected. Decontamination occurred prior to and after each use of a piece of equipment. All sampling devices used were decontaminated utilizing the following procedures:

- Liquinox™ and water solution
- Initial deionized/distilled water rinse.
- Final deionized/distilled water rinse.

Derived Wastes

Decontamination water (rinsate) was collected during the subsurface field sampling, containerized in capped 5-gallon buckets and returned to Petra's office for storage until laboratory test results were completed.

Findings of Phase II Assessment

Findings reported herein are based upon laboratory test results reported from composite and discrete soil samples (and duplicate samples) collected and analyzed from within the subject site. Summarized below are the findings associated with the Limited Phase II Assessment.

Organochlorinated Pesticides

Five composite and one duplicate composite soil samples collected at a depth of 0 to 0.5 foot were tested for Organochlorinated Pesticides (OCPs) according to EPA Method 8081A. Four composite samples and one duplicate composite sample contained concentrations of 4-4'DDE that ranged from 0.345 milligrams per kilograms (mg/kg) to 1.4 (mg/kg). These detectable concentrations of DDE were found to be below the USEPA Region 9 Regional Screening Level (RSL, 2021) of 2.0 mg/kg for DDE in residential use soils.

One composite sample, HA-5 and HA-6 @ 0.5 ft., was reported at 2.1 milligrams per kilograms (mg/kg) which is slightly above the USEPA Region 9 Regional Screening Level (RSL) of 2.0 mg/kg for DDE in residential use soils.

Three of the five composite samples (and one duplicate) contained concentrations of 4-4'DDT that ranged from 0.056 mg/kg to 0.342 (mg/kg). Two of the composite samples reported a non-detect result, or below the ADL of the test method of 0.001 mg/kg. All detectable concentrations of DDT were found to be below the USEPA Region 9 Regional Screening Level (RSL, 2021) of 1.9 mg/kg for DDT in residential use soils.

No other OCP analytes were reported at concentrations above the ADL. The laboratory test results are listed within Table 1 and copies of the official laboratory reports and chain-of-custody records are included in Appendix F.

Chlorinate Herbicides

Ten percent of the composited samples (1) analyzed for Organochlorinated Pesticides (OCPs), were also analyzed for Chlorinated Herbicides. No detectable levels of Chlorinated Herbicides were present in the composited sample analyzed at a depth of 0.5 foot. Laboratory test results are listed within Table 1 and copies of the official laboratory reports and chain-of-custody records are included in Appendix F.

Title 22 Metals

Two discrete soil samples collected at a depth of 0 to 0.5 foot within the subject property were tested for CAM Title 22 Metals using EPA Method 6010B/747. Detected levels of barium, cadmium, total chromium, cobalt, copper, lead, mercury, nickel, vanadium, and zinc were all reported below their respective Regional Screening Levels (RSLs) for residential use soil (US EPA, 2021). A summary of test results is provided in Table II. Copies of the official laboratory reports and chain-of-custody records are included in Appendix F.

Arsenic

In addition, a total of five discrete samples (one from each set of composite samples) and one duplicate sample were analyzed for residual arsenic levels using EPA Method 6010B. No detectable levels of Arsenic were present in the composited sample analyzed at a depth of 0.5 foot. A summary of test results is provided in Table II. Copies of the official laboratory reports and chain-of-custody records are included in Appendix F.

CONCLUSIONS

General Site Information

1. The subject site is located adjacent the north side of W. Pioneer Avenue in the city of Redlands, San Bernardino County, California. No physical markers differentiated the site boundary. A site location map is included as Figure 1.

2. The rectangular shaped site is comprised of approximately 5±-acres of vacant land with Assessor Parcel Number (APN) 0167-061-03. The site slopes gently to the north with existing elevations on the order of approximately 1,277± feet above mean sea level (msl) along the south portion of the site, to 1,270± feet above msl along the north portion of the site.

3. Vehicular access to the subject property is along the south via W. Pioneer Avenue. The site is bounded along the north by an orchard; along the east by Citrus Valley High School; along the south by W. Pioneer Avenue; and along the west by vacant land (1160 W. Pioneer Avenue). Light to moderate vegetation covers the site with several mature trees along the south and east boundaries of the site.

4. Based on information obtained during this assessment, the site appears to have been used for cultivated orchards since at least 1930 until sometime between/during 2006 and 2009. Sometime between/during 2006 and 2009 the orchards have been removed from the site and the site has remained vacant land to present. Historical information reviewed during this assessment includes aerial photographs (dating back to 1930), USGS topographical maps (dating back to 1899), environmental lien search and interviews. EDR indicates that fire insurance maps covering the target property were not found.

5. Dumped household trash was observed in several areas of the site and included plastic bags, plastic bottles, cans, pans, wood, doors, pieces of concrete, cardboard, and other miscellaneous household trash along with windblown trash. There were no visible signs of this debris containing hazardous substances.

6. No water well was observed onsite during our reconnaissance.

7. No electrical lines, pole mounted, or pad mounted transformers were observed onsite during our reconnaissance.

8. There was no evidence of sumps, pits, pools, or lagoons identified during our site reconnaissance.

9. No sites were identified in our search of various government agency database records, which appear to have adversely impacted the soils, groundwater or soil vapor beneath the subject parcels at this time, except the former Lockheed Martin facility (1500 Crafton Avenue), in northeast Redlands (approximately 4 miles east of the subject property). Although the boundary of the plume varies in publications, groundwater monitoring wells associated with the plume extends from the former Lockheed Martin facility in northeast Redlands west to near the Waterman Avenue/Interstate 10 interchange (Tetra Tech, 2019).

   A recent comprehensive groundwater monitoring report for the former facility by Tetra Tech, Inc. (dated November 22, 2021) depicts groundwater monitoring wells associated with the Crafton-Redlands Groundwater Plume are mapped throughout the Redlands area. The closest monitoring wells to the subject property are Tennessee Mutual (west), Tennessee Mutual (east), Williams Well and COR Orange Street. Spring 2021 monitoring results indicate the groundwater flow direction in a west direction and a groundwater elevation of approximately 1,080 feet above mean sea level (msl) under

the subject site (Tetra Tech, 2021). Considering a ground surface elevation of approximately 1,275 feet (Google Earth, 2022) above msl for the subject property, groundwater is approximately 195 feet below the ground surface. Groundwater depths measured in the offsite wells measured approximately 195 feet in Spring 2021. The TCE concentration 6.0 micrograms per liter (µg/L) plume is currently mapped from the proximity of Alabama street to the west and is not currently depicted underlying the subject property (Tetra Tech, 2021). The Maximum Contaminant Level (MCL) for perchlorate is 6 µg/L. For TCE the MCL is 5 µg/L.

Although groundwater beneath the site had been impacted, based on the 2021 measured depths to groundwater (approximately 195 feet below grade [fbg]), the concentrations of TCE are reported to be sufficiently low (below MCL in proximity to the subject site) as to not present a health risk to future residents. By comparison, synthetic perchlorate concentrations are slightly above the MCL in proximity to the subject property with concentrations reportedly decreasing with time. Further, because of the known presence of groundwater contamination, the Regional Water Quality Control Board will more than likely not identify future site owners as Responsible Parties. Strict definition of the Crafton-Redlands plume warrants it to be labeled as a Controlled Recognized Environmental Condition (see definition below); however, depth to groundwater and decreasing contamination levels slightly above or below drinking water MCLs, the plume underlying the site is considered as a de minimis condition for the subject property.

LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

Based on the use of the site for agriculture purposes from at least 1930 until sometime between/during 2006 and 2009, Petra simultaneously conducted a Limited Phase II Site Assessment to evaluate shallow, near surface, site soils for detectable concentrations of restricted agricultural chemicals (i.e., pesticides, metals, herbicides).

Samples were collected in general conformance with guidelines presented in the *Interim Guidance for Sampling Agricultural Properties (Third Revision)* by the Department of Toxic Substances Control (DTSC, 2008). DTSC's recommended number of sampling locations for a 5-acre property is 10. DTSC's recommended number of sampling locations listed minimum 4 composite samples analyzed for organochlorine pesticides (OCP's) and minimum 4 discrete samples (one from each composite group) analyzed for arsenic (arsenical herbicides) from the 10 individual samples. Petra included CAM Title 22 Metals which includes arsenic to further qualify the site. Composite samples were generated by the laboratory from no more than 2 individual samples.

To evaluate agricultural chemical soil residues within the subject site, a total of 10 hand-auger borings (HA-1 through HA-10) were advanced to a depth of 1.5 feet below ground surface (bgs) utilizing a stainless-steel hand-auger on March 16, 2022. Soil samples were collected from the surface (0) to 0.5 foot, and 1.5 feet. The 0.5-foot samples were composited in groups of two and analyzed, along with one duplicate sample, for Organochlorine Pesticides (OCPs) according to Environmental Protection Agency (EPA) Test Method

8081A. Ten percent (1) of the composited samples was also tested for Chlorinated Herbicides using EPA Method 8151A. Prior to compositing the samples one sample from each group was analyzed discreetly for Arsenic and/or Title 22 Metals according to EPA Method 6010B/7471A. The remaining deeper soil samples were placed on hold by the laboratory for future testing in the event elevated levels of the aforementioned constituents were detected.

All soil samples analyzed during this assessment were analyzed by Enviro-Chem, Inc. (ECI) in Pomona, California. ECI is accredited by the California Environmental Protection Agency, Department of Health Services Environmental Laboratory Accreditation Program (ELAP). Analyses were requested on a chain-of-custody record. Below is a discussion of the laboratory results.

Organochlorinated Pesticides

Five composite and one duplicate composite soil samples collected at a depth of 0 to 0.5 foot were tested for Organochlorinated Pesticides (OCPs) according to EPA Method 8081A. Four composite samples and one duplicate composite sample contained concentrations of 4-4'DDE that ranged from 0.345 milligrams per kilograms (mg/kg) to 1.4 (mg/kg). These detectable concentrations of DDE were found to be below the USEPA Region 9 Regional Screening Level (RSL, 2021) of 2.0 mg/kg for DDE in residential use soils.

One composite sample, HA-5 and HA-6 @ 0.5 ft., was reported at 2.1 milligrams per kilograms (mg/kg) which is slightly above the USEPA Region 9 Regional Screening Level (RSL) of 2.0 mg/kg for DDE in residential use soils.

Three of the five composite samples (and one duplicate) contained concentrations of 4-4'DDT that ranged from 0.056 mg/kg to 0.342 (mg/kg). Two of the composite samples reported a non-detect result, or below the ADL of the test method of 0.001 mg/kg. All detectable concentrations of DDT were found to be below the USEPA Region 9 Regional Screening Level (RSL, 2021) of 1.9 mg/kg for DDT in residential use soils.

No other OCP analytes were reported at concentrations above the ADL. The laboratory test results are listed within Table 1 and copies of the official laboratory reports and chain-of-custody records are included in Appendix F.

Chlorinate Herbicides

Ten percent of the composited samples (1) analyzed for Organochlorinated Pesticides (OCPs), were also analyzed for Chlorinated Herbicides. No detectable levels of Chlorinated Herbicides were present in the

composited sample analyzed at a depth of 0.5 foot. Laboratory test results are listed within Table 1 and copies of the official laboratory reports and chain-of-custody records are included in Appendix F.

Title 22 Metals

Two discrete soil samples collected at a depth of 0 to 0.5 foot within the subject property were tested for CAM Title 22 Metals using EPA Method 6010B/747. Detected levels of barium, cadmium, total chromium, cobalt, copper, lead, mercury, nickel, vanadium, and zinc were all reported below their respective Regional Screening Levels (RSLs) for residential use soil (US EPA, 2021). A summary of test results is provided in Table II. Copies of the official laboratory reports and chain-of-custody records are included in Appendix F.

Arsenic

In addition, a total of five discrete samples (one from each set of composite samples) and one duplicate sample were analyzed for residual arsenic levels using EPA Method 6010B. No detectable levels of Arsenic were present in the composited sample analyzed at a depth of 0.5 foot. A summary of test results is provided in Table II. Copies of the official laboratory reports and chain-of-custody records are included in Appendix F.

RECOGNIZED ENVIRONMENTAL CONDITIONS

Recognized environmental conditions are defined by the American Society of Testing and Materials (ASTM) as any hazardous substance or petroleum product under conditions that indicate an existing, past, or material threat of release into the structures, ground, groundwater, or surface water at the subject site. If the presences of recognized environmental conditions are identified on a subject site, it may warrant additional research, site evaluation, and/or action.

- One composite sample, HA-5 and HA-6 @ 0.5 ft., was reported at 2.1 milligrams per kilograms (mg/kg) which is slightly above the USEPA Region 9 Regional Screening Level (RSL) of 2.0 mg/kg for DDE in residential use soils.

Controlled recognized environmental conditions (CREC'S) are defined by the American Society of Testing and Materials (ASTM) Practice E 1527-13 as a recognized environmental condition resulting from the past *release* of *hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority (i.e., 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, if a leaking underground storage tank has been cleaned up to a commercial use standard but does not meet

unrestricted residential cleanup criteria; this would be considered a controlled recognized environmental condition. The "control" is represented by the (inferred) restriction that the property remains commercial.

- One CREC (former Lockheed Martin Facility), related to a groundwater plume containing TCE and synthetic perchlorate, has been identified underlying the subject property. The former Lockheed Martin Facility is mapped approximately 4.5 mile east of the subject property.

Historical recognized environmental conditions (HREC'S) are defined by the American Society of Testing and Materials (ASTM) Practice E 1527-13 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 agency, without subjecting the *property* to any required controls (i.e., *property* use restrictions, *activity and use limitations*, *institutional controls* or *engineering controls*).

- No HREC's were identified within or related to the subject property.

We have performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 for the 5±-Acre Parcel of Agricultural Land, Assessor Parcel Number (APN) 0167-061-03, located adjacent the north side of W. Pioneer Avenue, in the City of Redlands, San Bernardino County, California. Any exceptions to, or deletions from, this practice are described in the section titled *Data Failures and Data Gaps* of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property, except for the following:

- One composite sample, HA-5 and HA-6 @ 0.5 ft., was reported at 2.1 milligrams per kilograms (mg/kg) which is slightly above the USEPA Region 9 Regional Screening Level (RSL) of 2.0 mg/kg for DDE in residential use soils. These soils should be excavated and removed from the site in accordance with current regulatory standards.

- The subject property is located within the Crafton-Redlands Plume boundary, a groundwater plume with known trichloroethylene (TCE) contamination. Strict definition of the Crafton-Redlands plume warrants it to be labeled as a Controlled Recognized Environmental Condition; however, based on 2021 measured depths to groundwater (approximately 195 feet below grade [fbg]), the concentrations of TCE are reported to be sufficiently low (below MCLs in close proximity to the site) as to not present a health risk to future residents. Further, because of the known presence of groundwater contamination and the source, the Regional Water Quality Control Board will more than likely not identify future property owners as Responsible Parties. As a result, the plume underlying the site is considered a de minimis condition.

SITE CONSIDERATIONS

Items, if presented below, are not considered recognized environmental conditions in accordance with ASTM 1527-13. Although these items may warrant consideration in conjunction with any planned development activities, they are not recognized environmental conditions. The information regarding possible actions relative to these items has been provided as guidance.

- With development of any vacant property with historical record of agricultural land use, a certain amount of unknown subsurface conditions should be anticipated. Any discolored soils, noxious odors, and/or buried objects/debris (concrete irrigation lines) encountered during clearing and grubbing or future grading and development should be left in place until an experienced environmental professional (such as Petra) has had the opportunity to evaluate the conditions and provide recommendations if needed. In the event concrete irrigation lines are encountered, caution should be taken to not crush the lines until it can be ascertained that they do not contain asbestos.

- It is unknown if there are any septic tanks or leach fields on the site. If any are encountered during site development, it is recommended that they be removed in accordance with current regulations.

- It is recommended that all debris and trash encountered on the site be removed and disposed in accordance with current local regulations.

LIMITATIONS

This assessment is based upon the project as described and the environmental data obtained from the field reconnaissance and research performed as outlined in this report. This report has not been prepared for use by parties or projects other than those named or described in this report, additional studies may be required.

Since our assessment is based upon a review of available data, visual assessment of the site, and laboratory testing, the conclusions presented herein are professional opinions. These opinions have been derived in accordance with current standards of practice, and no warranty is expressed or implied.

This firm's evaluation of previous reports and/or subconsultant reports focuses on the completeness of the information presented in the document, in accordance with applicable rules and regulations, and does not include the establishment of data sufficiency or accuracy.

QUALIFICATIONS

Resumes for the staff who contributed to this report are presented in Appendix E.

"We the undersigned declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312. We have the specific

qualification based on education, training, and experience to assess a property of the nature, history, and setting of the subject site. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312."

Respectfully submitted,

PETRA GEOSCIENCES, INC.

Jonathan Cain
Senior Associate Geologist

5/11/22

Siamak Jafroudi, PhD
Senior Principal Engineer
GE 2024



JC/SJ/lv

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TABLE 1

Summary of Organochlorinated Pesticides (OCP's) and Chlorinated Herbicides

SAMPLE ID	4,4'-DDE (mg/kg)[1]	4,4'-DDT (mg/kg)	Remaining OCP's (mg/kg)	Chlorinated Herbicides (mg/kg)
HA-1, HA-2 @0.5'	0.345	0.056	ND[2]	NT[3]
HA-3, HA-4 @0.5'	1.02	0.232	ND	ND
HA-5, HA-6 @0.5'	**2.10**	ND	ND	NT
HA-5, HA-6 @0.5'(Dup)	1.40	0.280	ND	NT
HA-7, HA-8 @0.5'	0.655	0.342	ND	NT
HA-9, HA-10 @0.5'	1.01	ND	ND	NT
Residential Soil Screening Level	2.0[4]	1.9[4]	Variable	Variable

Notes:
(1) milligrams per kilogram
(2) Non-detected or below the practical quantitation limit
(3) Not Tested
(4) Regional Screening Levels, RSL's (US EPA, November 2021)

TABLE 2

Summary of CAM Title 22 Metals

Boring & Sample ID	Arsenic (mg/kg)[1]	Barium (mg/kg)	Cadmium (mg/kg)	Chromium Compounds (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	Nickel [(2)] (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
HA-2 @ 0.5’	ND[(3)]	70.3	1.49	23.9	10.1	20.4	31.2	0.034	12.3	43.2	83.2
HA-3 @ 0.5’	ND	NT[(4)]	NT	NT	NT	NT	NT	NT	NT	NT	NT
HA-6 @ 0 5’	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
HA-6 @ 0.5’(Dup).	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
HA-7 @ 0.5’	ND	71.5	1.58	25.5	10.4	17.9	30.4	0.038	13.0	44.0	80.9
HA-10 @ 0.5’	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Residential Screening Levels	**12.0[(5)] 0.68[(6)]**	**15,000[(6)]**	**7.1[(6)]**	**160[(7)]**	**350[(6)]**	**47,000[(6)]**	**800[(6)]**	**11[(6)]**	**86[(7)]**	**5,800[(6)]**	**350,000[(6)]**

Notes:
(1) Milligrams per kilogram
(2) Nickel Compounds
(3) Non-detect or below the laboratory detection limit
(4) Not Tested
(5) Chernoff, G., Bosan, W. and Oudiz, D., 2008 (DTSC)
(6) Regional Screening Levels, RSLs (US EPA, May 2021)
(7) San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESL’s)

FIGURES



Base Map Reference: Google Earth (2021) Map

PETRA GEOSCIENCES, INC.
40880 County Center Drive, Suite M
Temecula, California 92591
PHONE: (951) 600-9271
COSTA MESA TEMECULA VALENCIA PALM DESERT CORONA

SITE LOCATION MAP

5-Acre W. Pioneer Avenue Project
Redlands, California

PETRA GEOSCIENCES INC.

DATE: May 2022
J.N.: 21-315

Figure 1



EXPLANAION

Approximate Location of Site Boundary

N

Reference: Goolge Earth Image, 2021

PETRA GEOSCIENCES, INC.
40880 County Center Drive, Suite M
Temecula, California 92591
PHONE: (951) 600-9271
COSTA MESA TEMECULA VALENCIA PALM DESERT CORONA

SITE BOUNDARY MAP

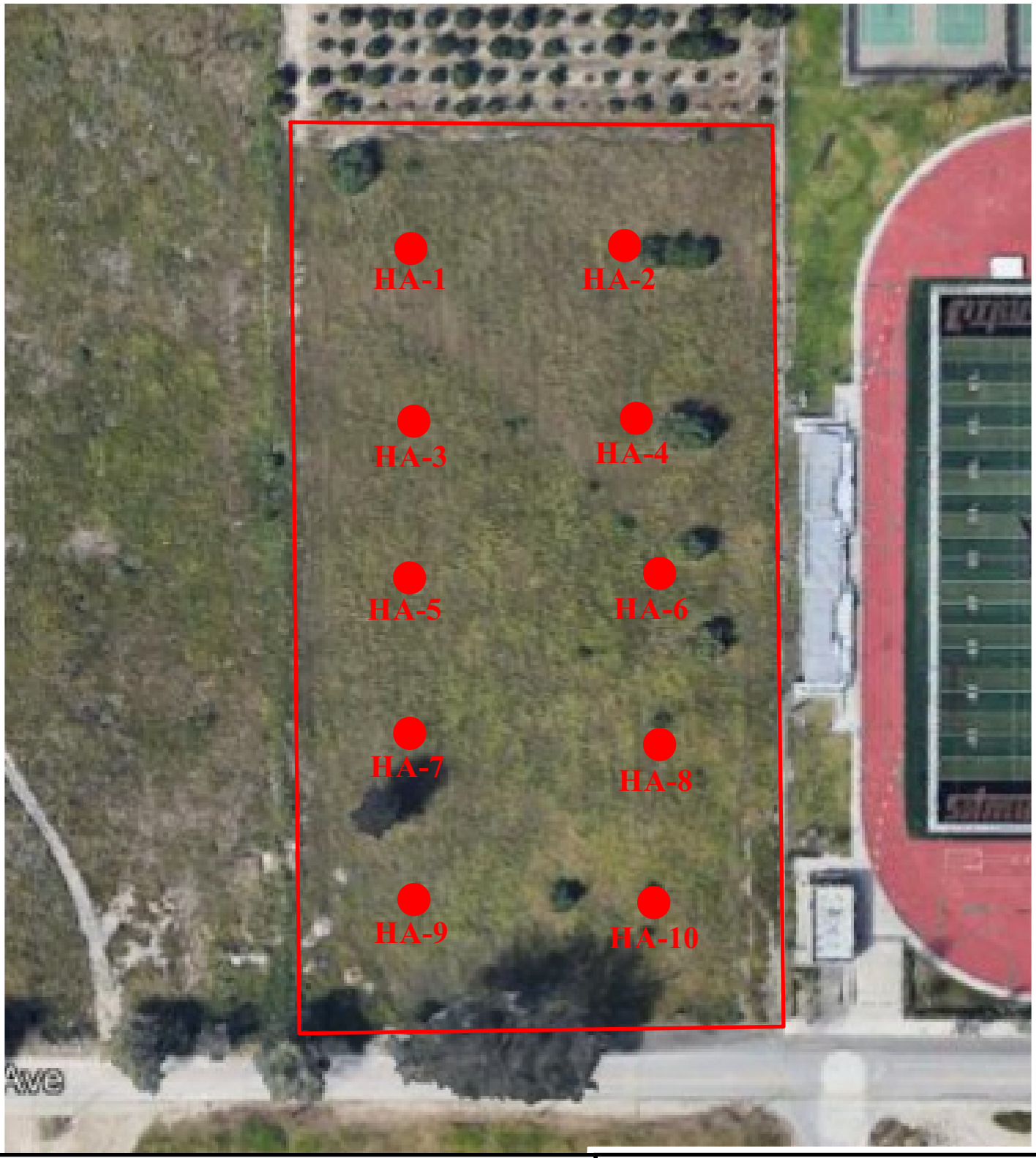
5-Acre W. Pioneer Avenue Project
Redlands, California

PETRA GEOSCIENCES INC.

DATE: May 2022

J.N.: 21-315

Figure 2



EXPLANAION

Approximate Location of Site Boundary

HA-10 Approximate Location of Hand-Auger Borings

N

Reference: Goolge Earth Image, 2022

PETRA GEOSCIENCES, INC.
40880 County Center Drive, Suite M
Temecula, California 92591
PHONE: (951) 600-9271
COSTA MESA TEMECULA VALENCIA PALM DESERT CORONA

SAMPLE LOCATION MAP

5-Acres W. Pioneer Avenue Project
Redlands, California

PETRA GEOSCIENCES INC.

DATE: May 2022

J.N.: 21-315

Figure 3

APPENDIX A

SITE PHOTOGRAPHS



View west along south boundry from southeast corner of property



View east along north boundry from northwest corner of property



View south along west boundry from northwest corner of property



View north along east boundry from southeast corner of property



View west along north boundary from northeast corner of property



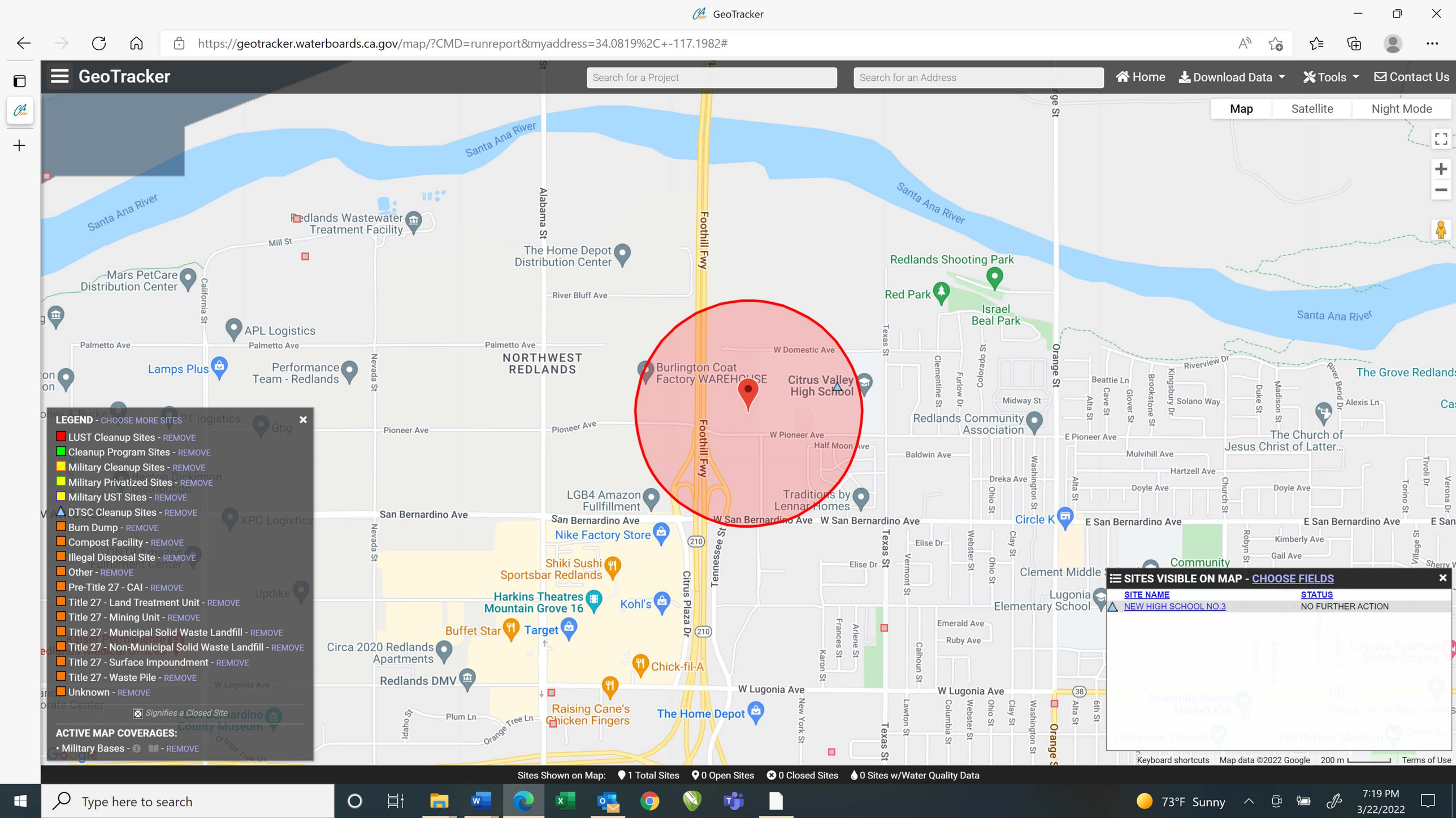
Dumped trash along west side of site

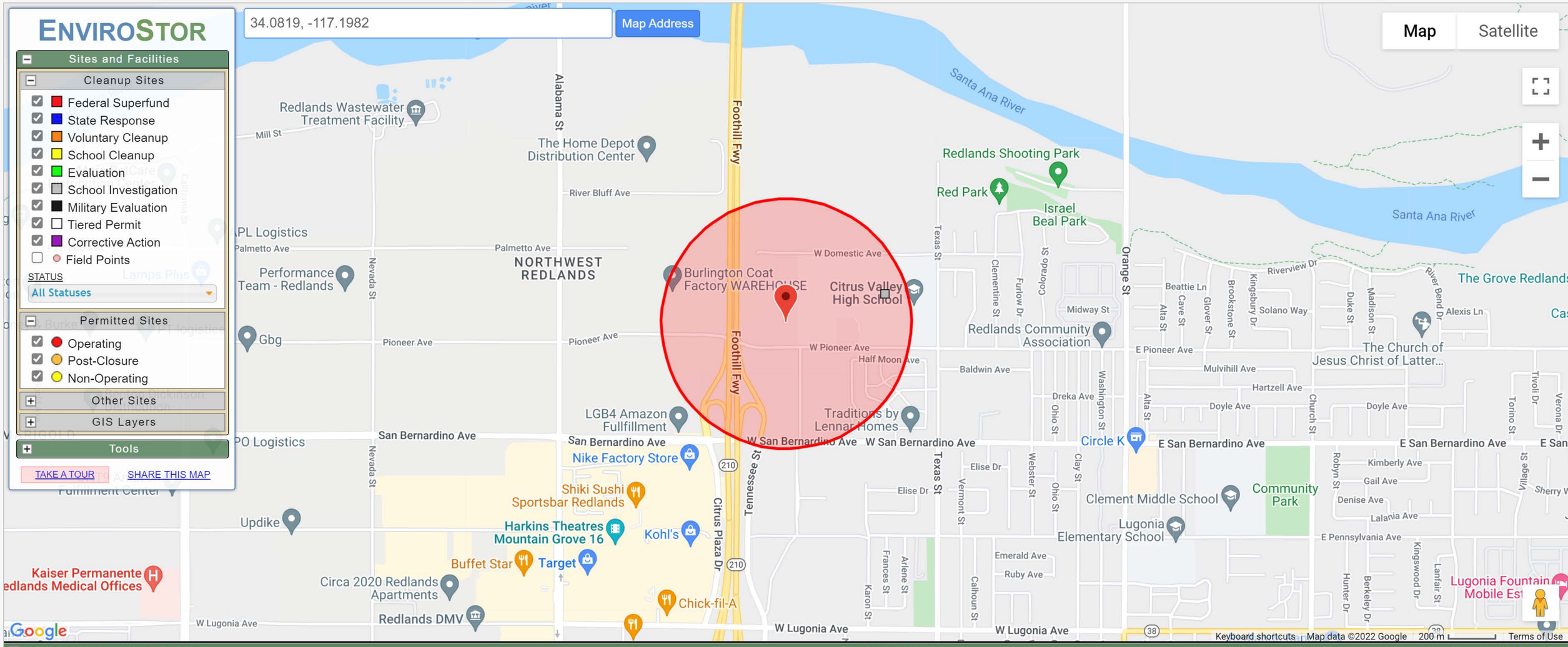


Dumped trash and transient occupied area in northwest portion of site

APPENDIX B

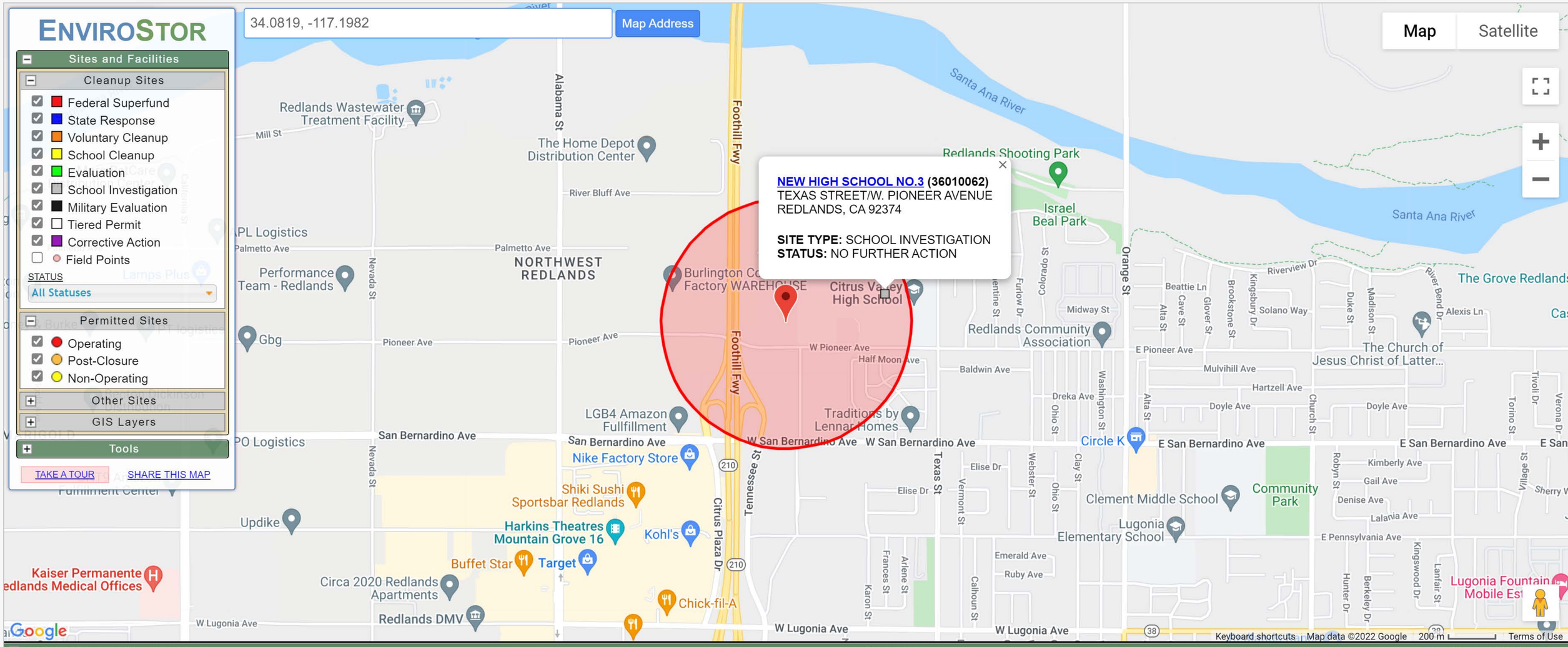
AGENCY SEARCH RESULTS


GeoTracker
https://geotracker.waterboards.ca.gov/map/?CMD=runreport&myaddress=34.0819%2C+-117.1982#
GeoTracker
Search for a Project
Search for an Address
Home
Download Data
Tools
Contact Us
Map
Satellite
Night Mode
Santa Ana River
Redlands Wastewater Treatment Facility
Mill St
Alabama St
The Home Depot Distribution Center
Foothill Fwy
River Bluff Ave
Redlands Shooting Park
Red Park
Israel Beal Park
Mars PetCare Distribution Center
California St
APL Logistics
Palmetto Ave
Lamps Plus
Performance Team - Redlands
Nevada St
NORTHWEST REDLANDS
Burlington Coat Factory WAREHOUSE
W Domestic Ave
Citrus Valley High School
Texas St
Orange St
Redlands Community Association
Midway St
Beattie Ln
Cave St
Glover St
Brookstone St
Kingsbury Dr
Riverview Dr
Solano Way
Duke St
Madison St
River Bend Dr
Alexis Ln
The Grove Redlands
The Church of Jesus Christ of Latter...
E Pioneer Ave
Mulvihill Ave
Hartzell Ave
Doyle Ave
Pioneer Ave
W Pioneer Ave
Half Moon Ave
Baldwin Ave
Dreka Ave
Ohio St
Washington St
Church St
Alta St
Torino St
Tivoli Dr
Verona Dr
LGB4 Amazon Fullfillment
Traditions by Lennar Homes
Circle K
E San Bernardino Ave
San Bernardino Ave
W San Bernardino Ave
Nike Factory Store
Shiki Sushi Sportsbar Redlands
Harkins Theatres Mountain Grove 16
Kohl's
Buffet Star
Target
Circa 2020 Redlands Apartments
Chick-fil-A
Redlands DMV
Raising Cane's Chicken Fingers
The Home Depot
Citrus Plaza Dr
Tennessee St
210
Elise Dr
Vermont St
Webster St
Clay St
Kimberly Ave
Gail Ave
Robyn St
Community
Clement Middle S...
Lugonia Elementary School
Emerald Ave
Ruby Ave
Frances St
Arlene St
Karon St
Calhoun St
W Lugonia Ave
38
New York St
Lawton St
Columbia St
6th St
Plum Ln
Orange Tree Ln
Idaho St
Redlands Ranch Market IGA
Lifehouse Theater
Ted Rupper Stadium
Citrus Grove Apartments
LEGEND - CHOOSE MORE SITES
LUST Cleanup Sites - REMOVE
Cleanup Program Sites - REMOVE
Military Cleanup Sites - REMOVE
Military Privatized Sites - REMOVE
Military UST Sites - REMOVE
DTSC Cleanup Sites - REMOVE
Burn Dump - REMOVE
Compost Facility - REMOVE
Illegal Disposal Site - REMOVE
Other - REMOVE
Pre-Title 27 - CAI - REMOVE
Title 27 - Land Treatment Unit - REMOVE
Title 27 - Mining Unit - REMOVE
Title 27 - Municipal Solid Waste Landfill - REMOVE
Title 27 - Non-Municipal Solid Waste Landfill - REMOVE
Title 27 - Surface Impoundment - REMOVE
Title 27 - Waste Pile - REMOVE
Unknown - REMOVE
Signifies a Closed Site
ACTIVE MAP COVERAGES:
• Military Bases - - REMOVE
SITES VISIBLE ON MAP - CHOOSE FIELDS
SITE NAME
STATUS
NEW HIGH SCHOOL NO.3
NO FURTHER ACTION
Keyboard shortcuts
Map data ©2022 Google
200 m
Terms of Use
Sites Shown on Map: 1 Total Sites 0 Open Sites 0 Closed Sites 0 Sites w/Water Quality Data
Type here to search
73°F Sunny
7:19 PM
3/22/2022



SITES FOUND IN SEARCH RADIUS — 1 SITES LISTED — EXPORT THIS LIST TO EXCEL

PROJECT NAME	STATUS	PROJECT TYPE	ADDRESS	CITY
NEW HIGH SCHOOL NO.3	NO FURTHER ACTION	SCHOOL INVESTIGATION	TEXAS STREET/W. PIONEER AVENUE	REDLANDS



SITES FOUND IN SEARCH RADIUS — 1 SITES LISTED — EXPORT THIS LIST TO EXCEL

PROJECT NAME	STATUS	PROJECT TYPE	ADDRESS	CITY
NEW HIGH SCHOOL NO.3	NO FURTHER ACTION	SCHOOL INVESTIGATION	TEXAS STREET/W. PIONEER AVENUE	REDLANDS

Type here to search
73°F Sunny
7:23 PM
3/22/2022

DEPARTMENT OF TOXIC SUBSTANCES CONTROL
ENVIROSTOR

NEW HIGH SCHOOL NO.3 (36010062)

SIGN UP FOR EMAIL ALERTS

TEXAS STREET/W. PIONEER AVENUE
REDLANDS, CA 92374
SAN BERNARDINO COUNTY
SITE TYPE: SCHOOL

SUPERVISOR: SHAHIR HADDAD
OFFICE: SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH
SCHOOL DISTRICT: REDLANDS UNIFIED SCHOOL DISTRICT
CENSUS TRACT: 6071008001
CALENVIROSCREEN PERCENTILE SCORE: 65-70%

Summary | Activities | Site/Facility Docs | Map | Related Sites | CalEnviroScreen

Site Information

CLEANUP STATUS
NO FURTHER ACTION AS OF 4/19/2007

SITE TYPE: SCHOOL
NATIONAL PRIORITIES LIST: NO
ACRES: 55 ACRES
APN: 167-061-04, 167-061-05, 167-061-06, 167-061-09, 167-061-10, 167-061-11, 167-061-12, 167-061-14, 167-061-15, 167-061-18, 167-061-19, 167-061-21, 167-061-22, 167-061-24, 167-061-25
CLEANUP OVERSIGHT AGENCIES:
DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY

SCHOOL DISTRICT: REDLANDS UNIFIED SCHOOL DISTRICT
ENVIROSTOR ID: 36010062
SITE CODE: 404541
SPECIAL PROGRAM:
FUNDING: SCHOOL DISTRICT
ASSEMBLY DISTRICT: 40
SENATE DISTRICT: 23

Regulatory Profile

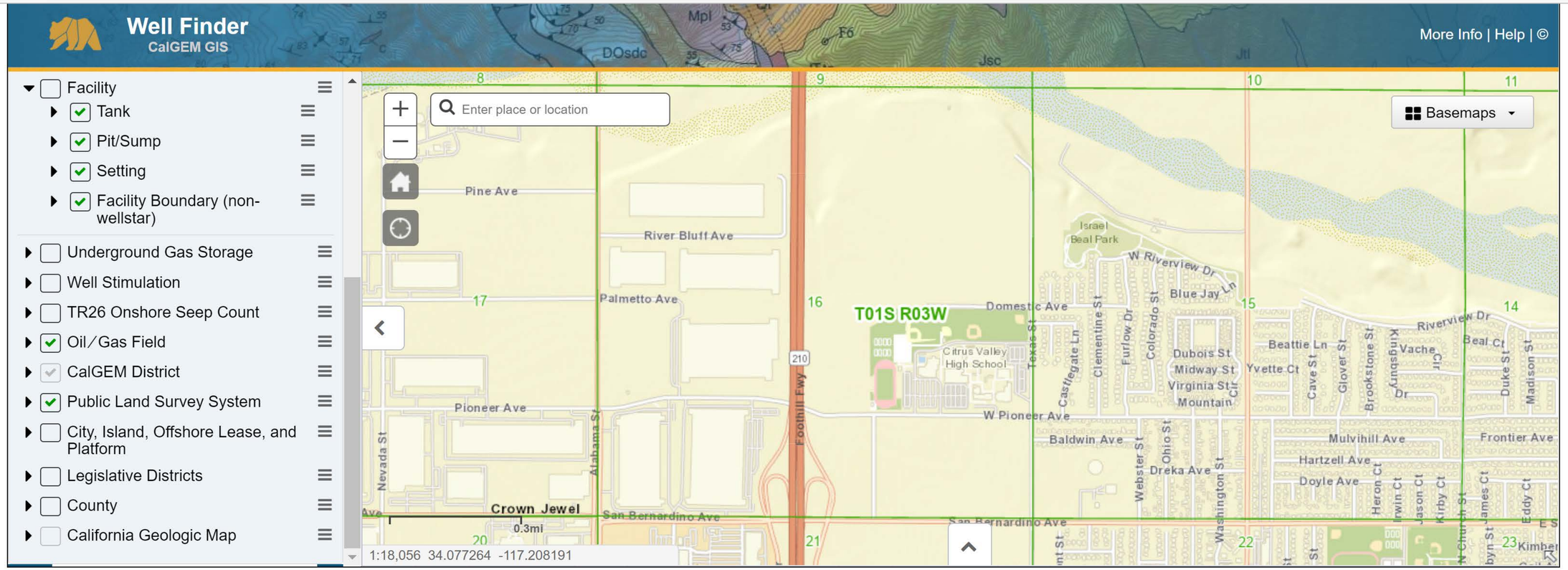
PAST USE(S) THAT CAUSED CONTAMINATION
RESIDENTIAL AREA

POTENTIAL CONTAMINANTS OF CONCERN
LEAD

POTENTIAL MEDIA AFFECTED
SOIL

Site History

The site has been used for agricultural purposes (citrus orchard) since at least 1938. Currently the site is developed with citrus orchards and residential dwellings.



Oil & Gas Related Data & Maps

Show 10 entries

Search:

Title	Division	Description	Metadata	Access	Updated
Aliso Canyon Safety Review	CalGEM	A webmap showing the current status of the Aliso Canyon Safety Review.	Metadata	Web Map [AGOL]	As needed
Aliso Canyon Safety Review	CalGEM	A feature service with the current status of the Aliso Canyon Safety Review.	Metadata	Feature Service [AGOL]	As needed
		The California Department of Conservation, Geologic Energy Managment Division publishes a GIS feature class of well locations and its associated records across the state for use by the public. Data provided are projected in Teal Albers California North American Datum of 1983 for shapefiles and WGS84 Web Mercator projection for web			

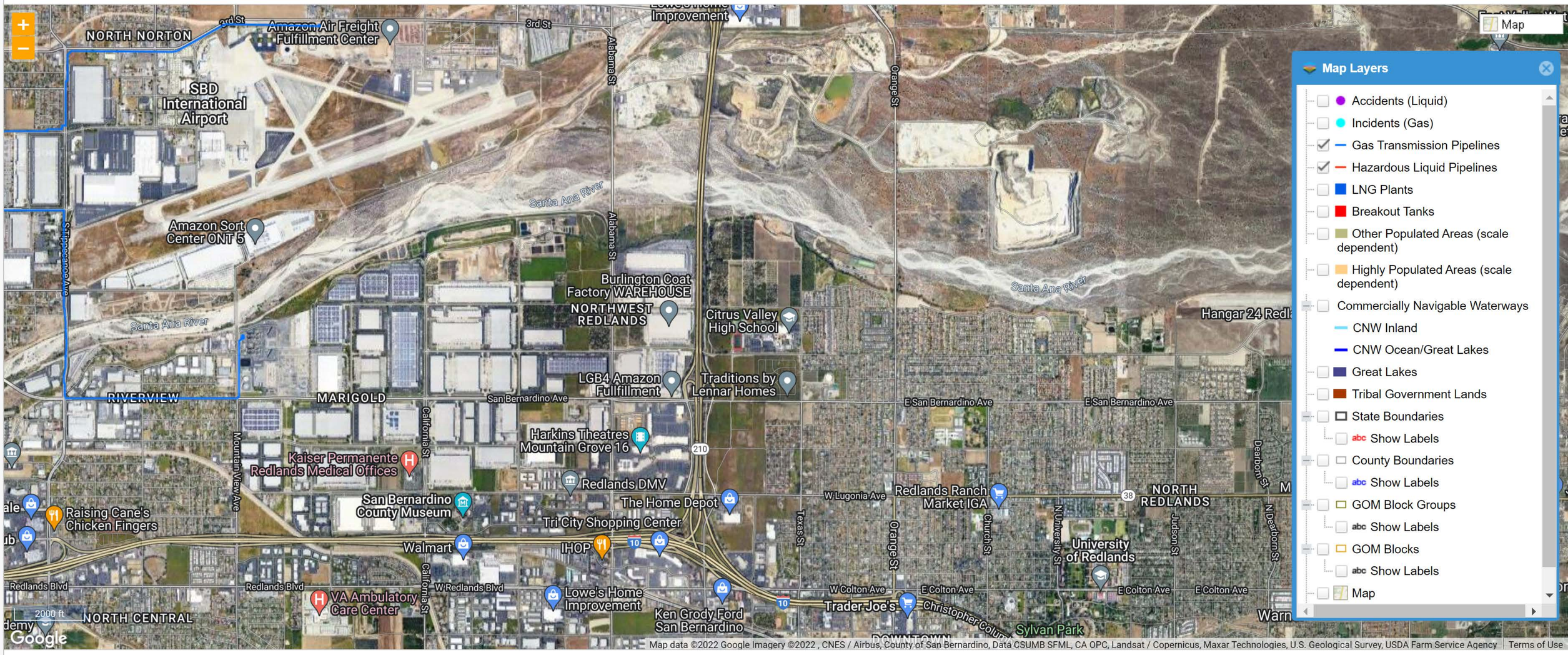
NPMS Public Viewer

https://pvnpms.phmsa.dot.gov/PublicViewer/

Public Viewer

Change County | Close Public Viewer

Map Layers | Query Tools | Enter search term (min 4 chars) | Help



Map Layers

- Accidents (Liquid)
- Incidents (Gas)
- Gas Transmission Pipelines
- Hazardous Liquid Pipelines
- LNG Plants
- Breakout Tanks
- Other Populated Areas (scale dependent)
- Highly Populated Areas (scale dependent)
- Commercially Navigable Waterways
  - CNW Inland
  - CNW Ocean/Great Lakes
- Great Lakes
- Tribal Government Lands
- State Boundaries
  - Show Labels
- County Boundaries
  - Show Labels
- GOM Block Groups
  - Show Labels
- GOM Blocks
  - Show Labels
- Map

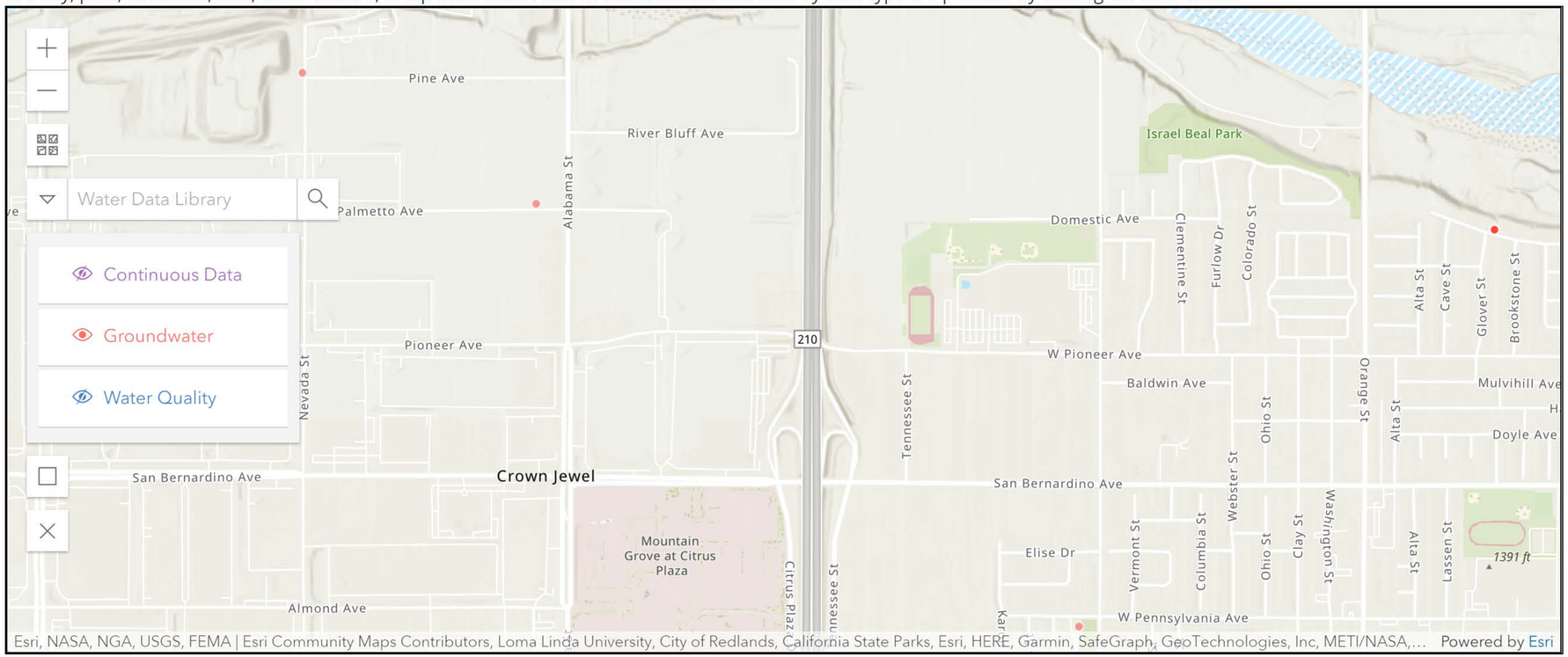
Ready | Zoom Level: 14 of 19 (1:24,000) Closest Zoom for Pipelines | (lat,long): 34.059323, -117.161969 | Map Showing Pipelines in: San Bernardino, CA

©USDOT PHMSA. All rights reserved.

Type here to search | 73°F Sunny | 7:34 PM 3/22/2022

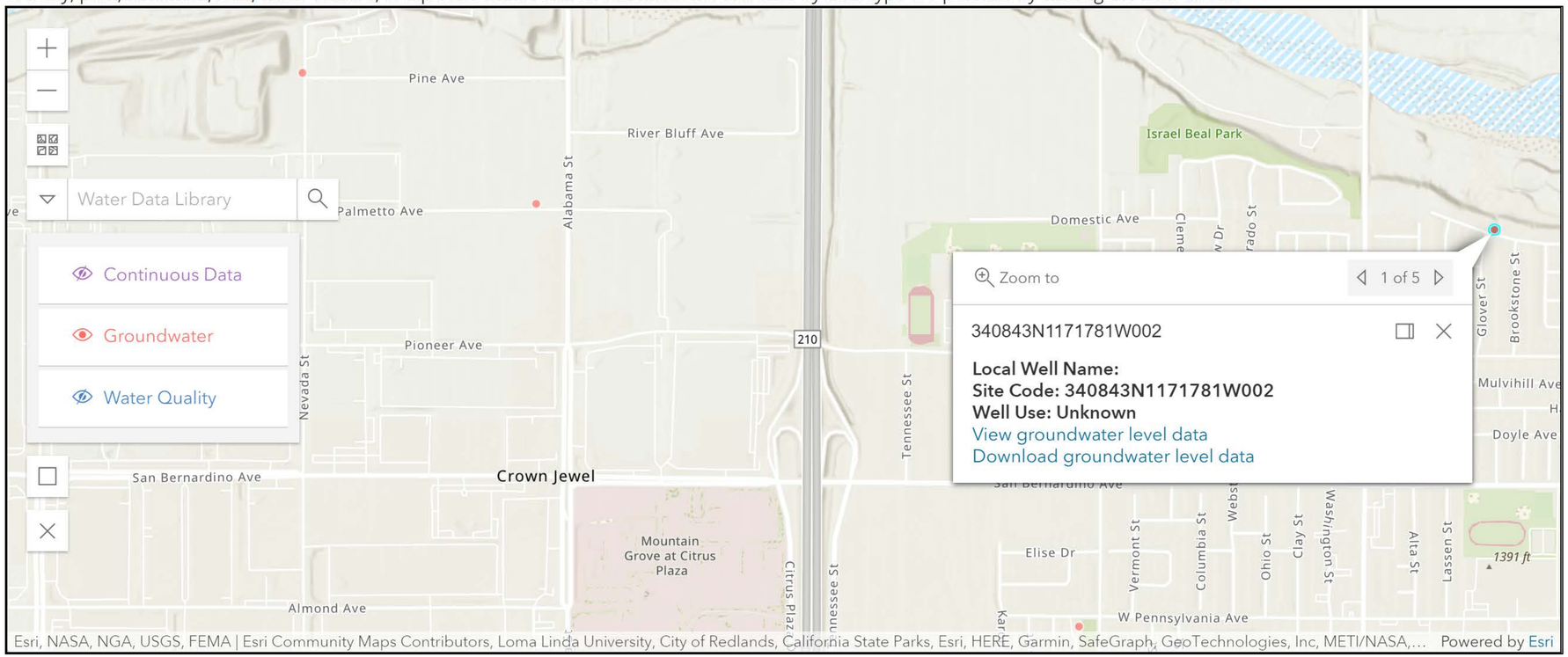
Water Data Library (WDL) Station Map

Use the map below to locate monitoring stations. You can find an area of interest if you zoom and pan the map. Use the search box below to find features on the map such as the name of a city, park, landmark, lake, water feature, or zip code within California. Additional searches by data type are possible by clicking the links above.



Water Data Library (WDL) Station Map

Use the map below to locate monitoring stations. You can find an area of interest if you zoom and pan the map. Use the search box below to find features on the map such as the name of a city, park, landmark, lake, water feature, or zip code within California. Additional searches by data type are possible by clicking the links above.

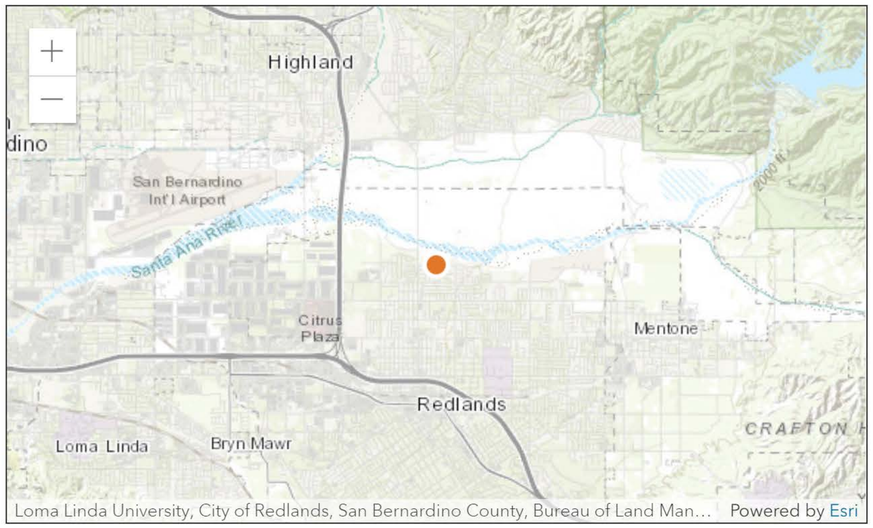


Groundwater Level Report

Station 340843N1171781W002

Station Data | Groundwater Level Data

State Well Number:	01S03W15K002S
Local Well Name:	
Site Code:	340843N1171781W002
Latitude (NAD83):	34.0843
Longitude (NAD83):	-117.1781
Basin Subbasin Name (Code):	San Bernardino (8-002.06)
Well Use Type:	Unknown
Well Status:	Active
WCR Number:	
Reference Point Elevation (NAVD88 ft):	1371.440
Ground Surface Elevation (NAVD88 ft):	1371.440
Well Depth (feet bgs):	
Perforated Interval Depths (feet bgs):	



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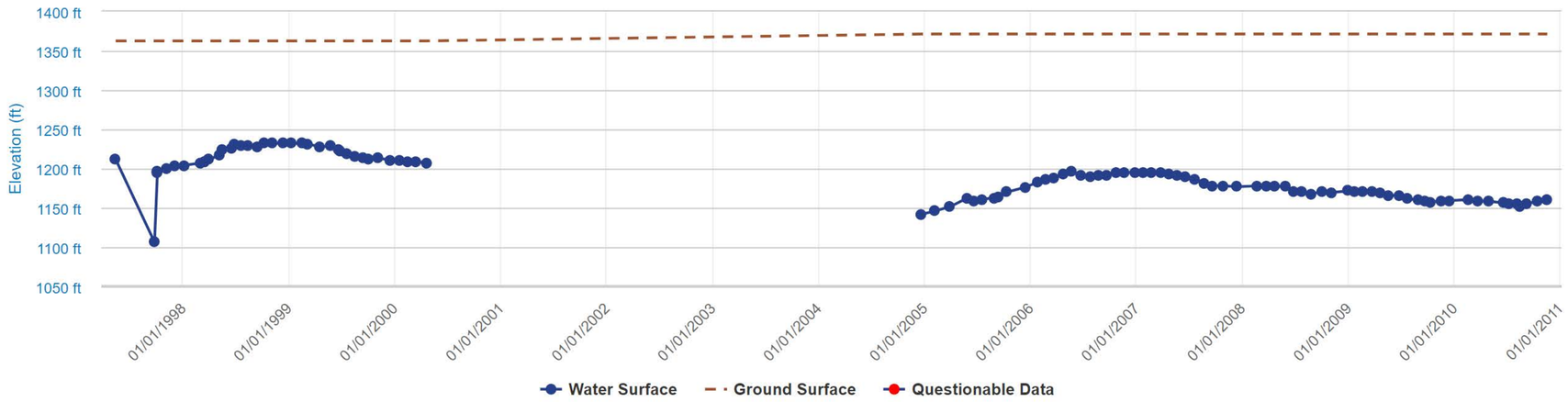
Back to Search

Groundwater Level Report

Station 340843N1171781W002

Station Data | Groundwater Level Data

Groundwater Levels for Well 340843N1171781W002

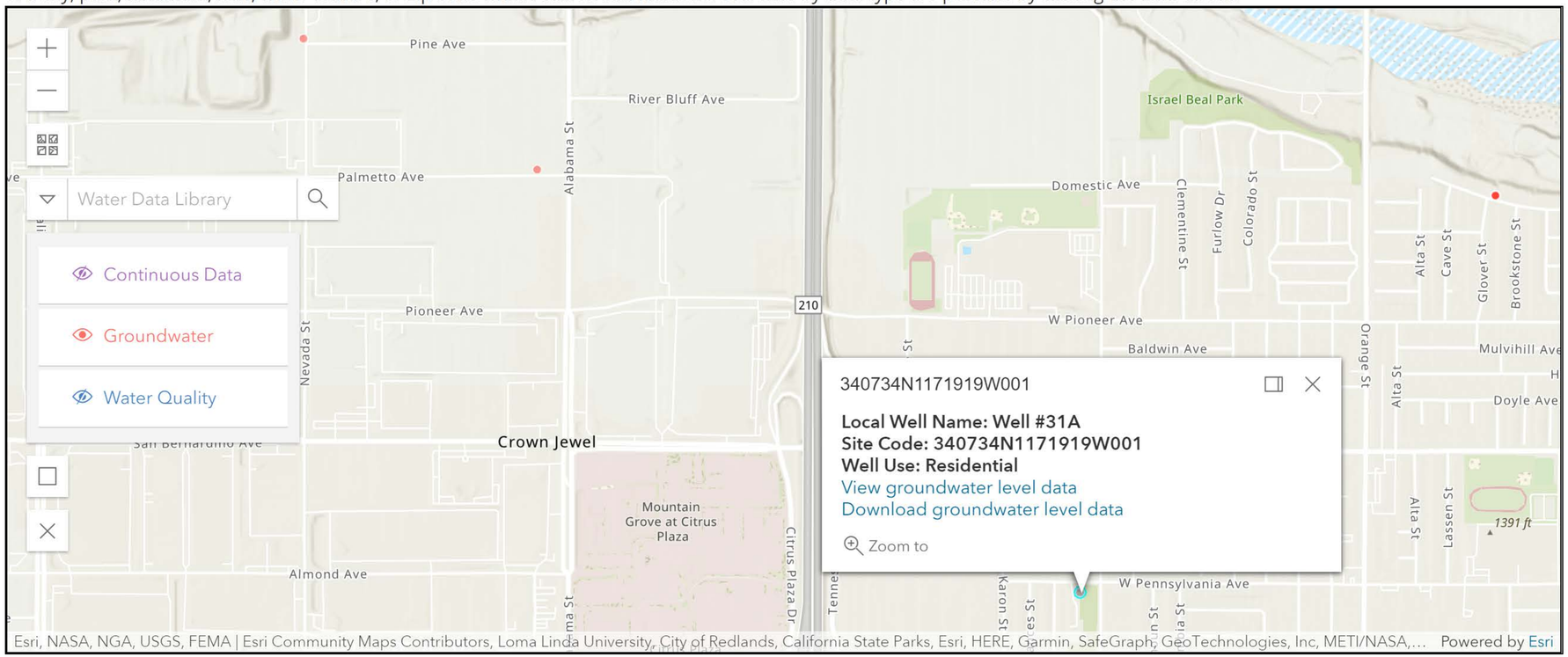


Download Data

Measurement Date (PST)	Reference Point Elevation	Ground Surface Elevation	Distance from RP to WS	Groundwater Elevation	Ground Surface to Water Surface	Measurement Issue	Collecting Agency	Water Level Measurement Comments
05/13/1997 00:00:00	1362.590	1362.590	150.9	1211.69	150.9		Department of Water Resou...	

Water Data Library (WDL) Station Map

Use the map below to locate monitoring stations. You can find an area of interest if you zoom and pan the map. Use the search box below to find features on the map such as the name of a city, park, landmark, lake, water feature, or zip code within California. Additional searches by data type are possible by clicking the links above.

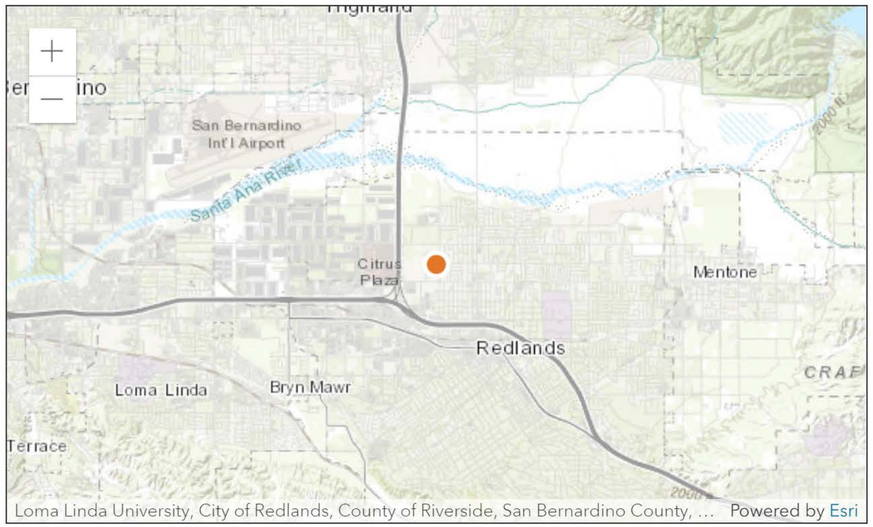


Groundwater Level Report

Station 340734N1171919W001

Station Data | Groundwater Level Data

State Well Number:	01S03W21H007S
Local Well Name:	Well #31A
Site Code:	340734N1171919W001
Latitude (NAD83):	34.07343
Longitude (NAD83):	-117.191867
Basin Subbasin Name (Code):	San Bernardino (8-002.06)
Well Use Type:	Residential
Well Status:	Inactive
WCR Number:	NA
Reference Point Elevation (NAVD88 ft):	1319.300
Ground Surface Elevation (NAVD88 ft):	1318.000
Well Depth (feet bgs):	743
Perforated Interval Depths (feet bgs):	



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Type here to search

72°F Clear

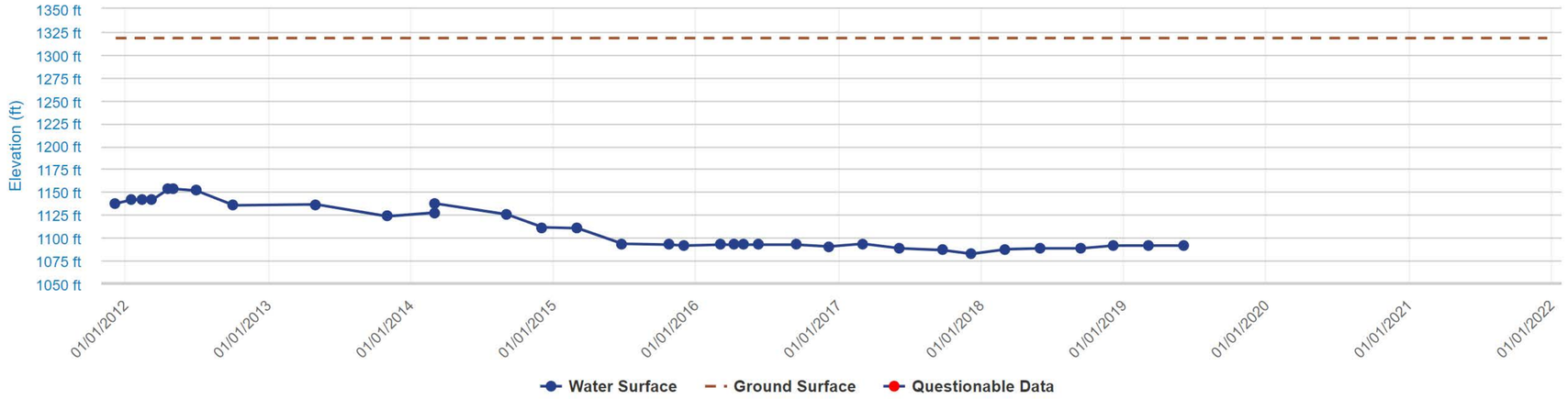
7:47 PM
3/22/2022

Groundwater Level Report

Station 340734N1171919W001

Station Data | Groundwater Level Data

Groundwater Levels for Well 340734N1171919W001

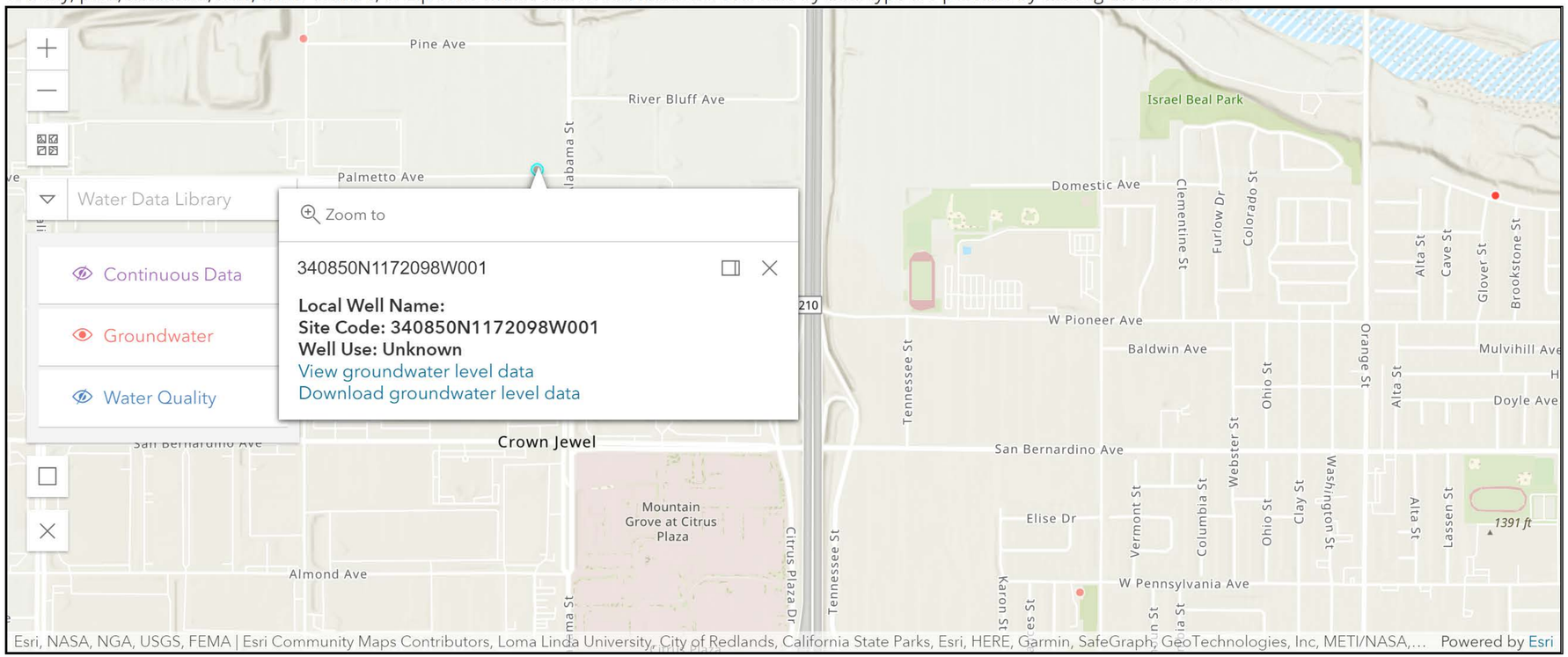


Download Data

Measurement Date (PST)	Reference Point Elevation	Ground Surface Elevation	Distance from RP to WS	Groundwater Elevation	Ground Surface to Water Surface	Measurement Issue	Collecting Agency	Water Level Measurement Comments
12/06/2011 00:00:00	1319.300	1318.000	182	1137.3	180.7		San Bernardino Valley Mun...	

Water Data Library (WDL) Station Map

Use the map below to locate monitoring stations. You can find an area of interest if you zoom and pan the map. Use the search box below to find features on the map such as the name of a city, park, landmark, lake, water feature, or zip code within California. Additional searches by data type are possible by clicking the links above.

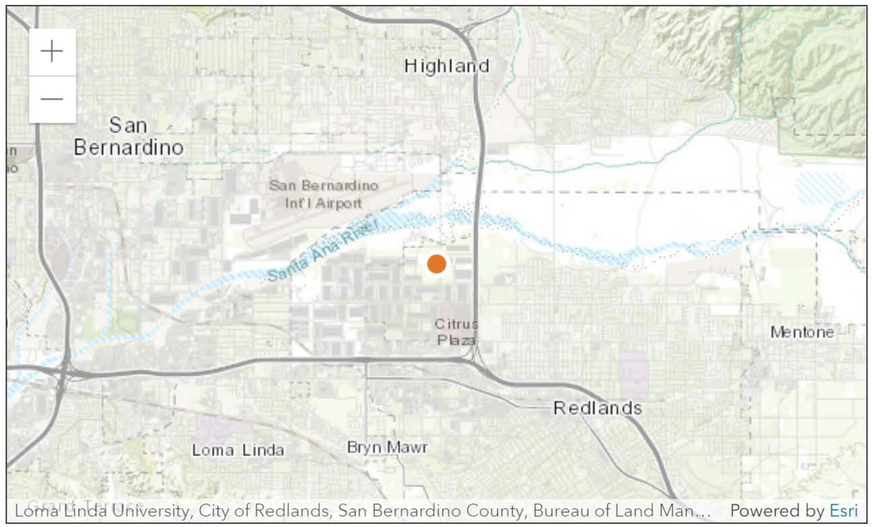


Groundwater Level Report

Station 340850N1172098W001

Station Data | Groundwater Level Data

State Well Number:	01S03W17H001S
Local Well Name:	
Site Code:	340850N1172098W001
Latitude (NAD83):	34.085
Longitude (NAD83):	-117.2098
Basin Subbasin Name (Code):	San Bernardino (8-002.06)
Well Use Type:	Unknown
Well Status:	Active
WCR Number:	
Reference Point Elevation (NAVD88 ft):	1225.250
Ground Surface Elevation (NAVD88 ft):	1225.250
Well Depth (feet bgs):	
Perforated Interval Depths (feet bgs):	



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Type here to search

72°F Clear

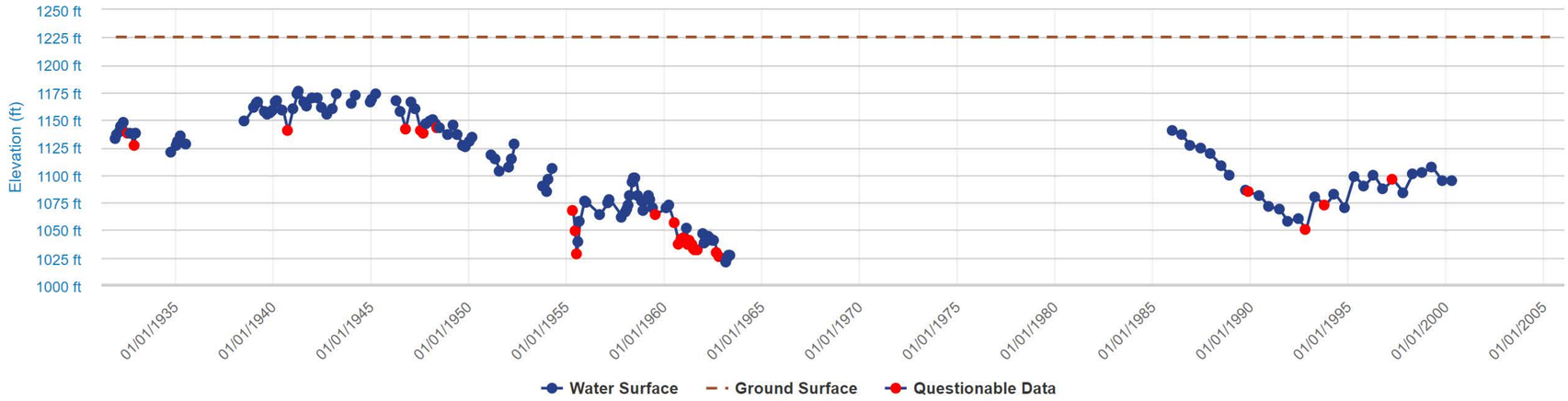
7:50 PM
3/22/2022

Groundwater Level Report

Station 340850N1172098W001

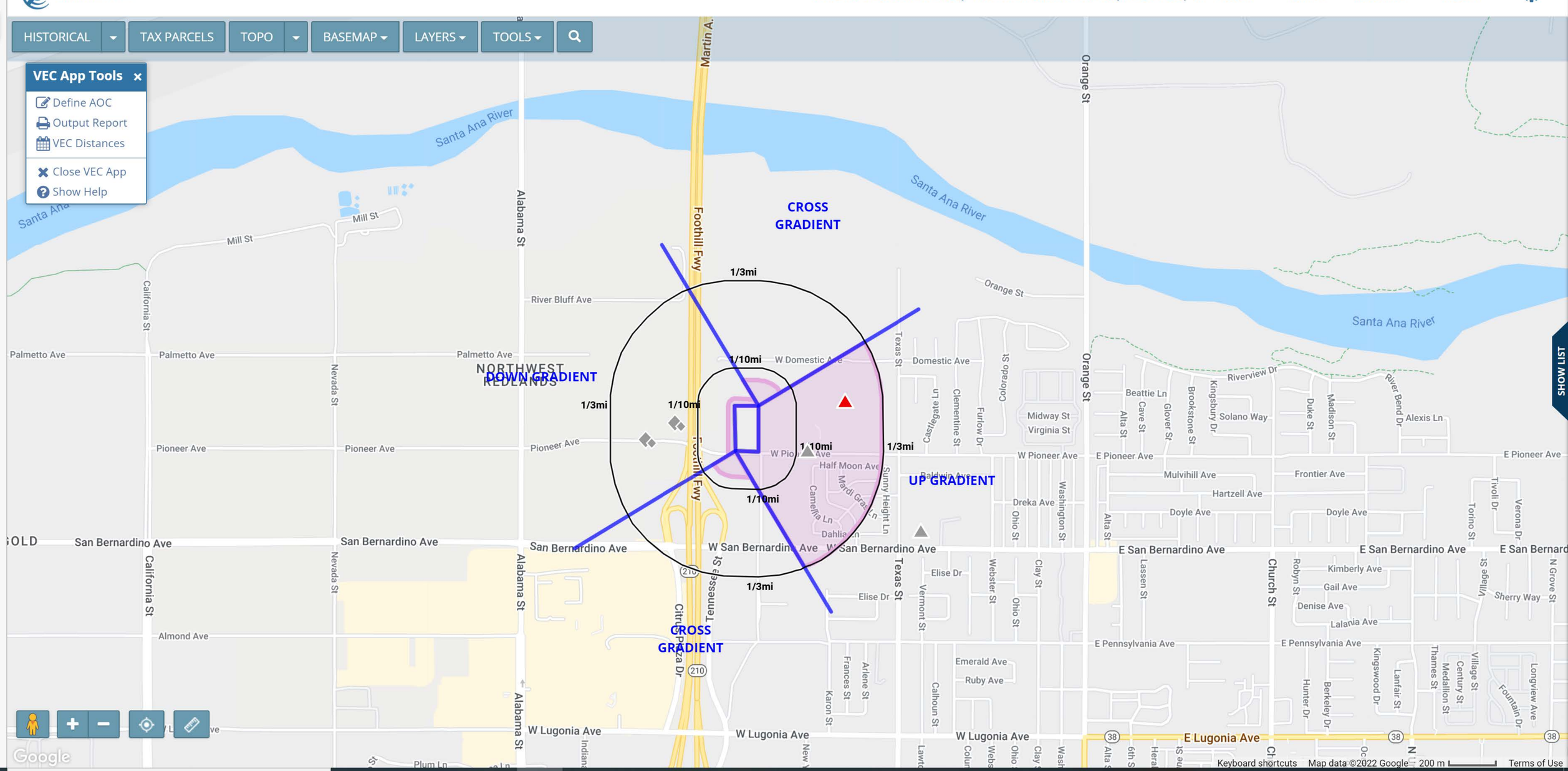
Station Data | Groundwater Level Data

Groundwater Levels for Well 340850N1172098W001



Download Data

Measurement Date (PST)	Reference Point Elevation	Ground Surface Elevation	Distance from RP to WS	Groundwater Elevation	Ground Surface to Water Surface	Measurement Issue	Collecting Agency	Water Level Measurement Comments
12/10/1931 00:00:00	1225.250	1225.250	92.7	1132.55	92.7		Department of Water Resou...	


VEC App Tools
Define AOC
Output Report
VEC Distances
Close VEC App
Show Help
CROSS GRADIENT
DOWN GRADIENT
UP GRADIENT
CROSS GRADIENT
1/3mi
1/10mi
1/10mi
1/3mi
1/10mi
1/3mi
1/3mi
Santa Ana River
Santa Ana River
Santa Ana River
Foothill Fwy
Foothill Fwy
Martin A.
Orange St
Orange St
Orange St
Alabama St
Alabama St
Alabama St
California St
California St
Nevada St
Nevada St
Mill St
Mill St
River Bluff Ave
Palmetto Ave
Palmetto Ave
Palmetto Ave
NORTHWEST REDLANDS
Pioneer Ave
Pioneer Ave
Pioneer Ave
W Pioneer Ave
E Pioneer Ave
E Pioneer Ave
W Domestic Ave
Domestic Ave
Texas St
Half Moon Ave
Baldwin Ave
Midway St
Virginia St
Beattie Ln
Alta St
Cave St
Glover St
Brookstone St
Kingsbury Dr
Solano Way
Duke St
Madison St
River Bend Dr
Alexis Ln
Riverview Dr
Mulvihill Ave
Frontier Ave
Hartzell Ave
Doyle Ave
Doyle Ave
Dreka Ave
Washington St
Ohio St
Torino St
Tivoli Dr
Verona Dr
San Bernardino Ave
San Bernardino Ave
San Bernardino Ave
W San Bernardino Ave
W San Bernardino Ave
E San Bernardino Ave
E San Bernardino Ave
Elise Dr
Elise Dr
Vermont St
Webster St
Clay St
Lassen St
Church St
Robyn St
Kimberly Ave
Gail Ave
Denise Ave
Lalania Ave
Sherry Way
Almond Ave
E Pennsylvania Ave
E Pennsylvania Ave
Emerald Ave
Ruby Ave
Frances St
Arlene St
Karon St
Calhoun St
Hunter Dr
Berkeley Dr
Kingswood Dr
Lanfair St
Thames St
Medallion St
Century St
Village St
Longview Ave
Fountain Dr
Citrus Plaza Dr
Tennessee St
W Lugonia Ave
W Lugonia Ave
W Lugonia Ave
E Lugonia Ave
Plum Ln
210
38
Google
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Map data ©2022 Google
200 m
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NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations tables should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) zone 11 North. The **horizontal datum** was NAD 83, GRS80 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, N/NGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at **(301) 713-3242**, or visit its website at http://www.ngs.noaa.gov.

Base map information shown on this FIRM was derived from digital orthophotography collected by the U.S. Department of Agriculture Farm Service Agency. This imagery was flown in 2005 and was produced with a 1-meter ground sample distance.

This map may reflect more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to confirm to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at http://msc.fema.gov/.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call **1-877-FEMA MAP** (1-877-336-2627) or visit the FEMA website at http://www.fema.gov.



LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A	No Base Flood Elevations determined.
ZONE AE	Base Flood Elevations determined.
ZONE AH	Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
ZONE AO	Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
ZONE AR	Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
ZONE A99	Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
ZONE V	Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
ZONE VE	Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X	Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X	Areas determined to be outside the 0.2% annual chance floodplain.
ZONE D	Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

	1% annual chance floodplain boundary
	0.2% annual chance floodplain boundary
	Floodway boundary
	Zone D boundary
	CBRS and OPA boundary
	Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
513	Base Flood Elevation line and value; elevation in feet*
(EL 987)	Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988

A A	Cross section line
23 23	Transect line
87°07'45", 32°22'30"	Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
3776000mN	1000-meter Universal Transverse Mercator grid values, zone 11N
600000 FT	5000-foot grid ticks: California State Plane coordinate system, zone V (FIPSZONE 0405), Lambert Conformal Conic projection
DX5510 ×	Bench mark (see explanation in Notes to Users section of this FIRM panel)
●M1.5	River Mile

MAP REPOSITORY
Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP
March 18, 1996

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL
August 28, 2008 - to update corporate limits, to change Base Flood Elevations and Special Flood Hazard Areas, to update map format, to add roads and road names, and to incorporate previously issued Letters of Map Revision.

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 500'

250 0 500 1000 FEET

150 0 150 300 METERS

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 8704H

FIRM

FLOOD INSURANCE RATE MAP

SAN BERNARDINO COUNTY, CALIFORNIA AND INCORPORATED AREAS

PANEL 8704 OF 9400

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
REDLANDS, CITY OF	060279	8704	H
SAN BERNARDINO COUNTY	060270	8704	H

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
06071C8704H

MAP REVISED
AUGUST 28, 2008

Federal Emergency Management Agency

APPENDIX C

EDR HISTORICAL REPORTS

1160 W. Pioneer Avenue
1160 W. Pioneer Avenue
Redlands, CA 92374

Inquiry Number: 06891882.2r
March 09, 2022

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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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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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 (E1527-21), 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

1160 W. PIONEER AVENUE
REDLANDS, CA 92374

COORDINATES

Latitude (North):	34.0819000 - 34ˆ 4' 54.84''
Longitude (West):	117.1982000 - 117ˆ 11' 53.52''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	481713.8
UTM Y (Meters):	3771060.0
Elevation:	1280 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	12014994 REDLANDS, CA
Version Date:	2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140603
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1160 W. PIONEER AVENUE
REDLANDS, CA 92374

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	KEN S MORSE	880 W. PIONEER AVE	RCRA NonGen / NLR	Higher	702, 0.133, ESE
A2	VERIZON WIRELESS: BU	27630-B PIONEER AVE	San Bern. Co. Permit, CERS	Lower	754, 0.143, West
A3	AT&T MOBILITY - 30 F	27630 N PIONEER AVE	San Bern. Co. Permit, CERS	Lower	763, 0.145, West
B4	BURLINGTON STORE #51	27582 PIONEER AVE	RCRA NonGen / NLR	Lower	1076, 0.204, West
B5	BURLINGTON STORE #51	27582 PIONEER AVE	CERS HAZ WASTE, HAZNET, San Bern. Co. Permit,...	Lower	1076, 0.204, West
B6	GOLDEN STATE FC LLC	27517 PIONEER AVE	RCRA-SQG	Lower	1168, 0.221, West
B7	GOLDEN STATE FC LLC	27517 PIONEER AVE	CERS HAZ WASTE, HAZNET, San Bern. Co. Permit,...	Lower	1168, 0.221, West
8	NEW HIGH SCHOOL NO.3	TEXAS STREET/W. PION	ENVIROSTOR, SCH, CERS	Higher	1234, 0.234, ENE
9	REDLANDS FARMING COM	780 WEST SAN BERNARD	ENVIROSTOR	Higher	2543, 0.482, ESE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

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

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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

Lists of Federal CERCLA sites with NFRAP

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

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

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

Lists of Federal RCRA generators

RCRA-LQG ---------- RCRA - Large 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

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE ..... State Response Sites

Lists of state and tribal landfills and solid waste disposal facilities

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

Lists of state and tribal leaking storage tanks

LUST ..... Geotracker's Leaking Underground Fuel Tank Report
INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land
CPS-SLIC ..... Statewide SLIC Cases

Lists of state and tribal registered storage tanks

FEMA UST ..... Underground Storage Tank Listing
UST ..... Active UST Facilities
AST ..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST ..... Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

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

Lists of state and tribal brownfield 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

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

HIST Cal-Sites ---- Historical Calsites Database
CDL ---- Clandestine Drug Labs
Toxic Pits ---- Toxic Pits Cleanup Act Sites
US CDL ---- National Clandestine Laboratory Register
AQUEOUS FOAM ---- Former Fire Training Facility Assessments Listing
PFAS ---- PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

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

Local Land Records

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

Records of Emergency Release Reports

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

Other Ascertainable Records

FUDS ---- Formerly Used Defense Sites
DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List
TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
ROD ---- Records Of Decision
RMP ---- Risk Management Plans
RAATS ---- RCRA Administrative Action Tracking System
PRP ---- Potentially Responsible Parties
PADS ---- PCB Activity Database System
ICIS ---- Integrated Compliance Information System
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ---- Material Licensing Tracking System
COAL ASH DOE ---- Steam-Electric Plant Operation Data
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---- PCB Transformer Registration Database
RADINFO ---- Radiation Information Database
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---- Incident and Accident Data
CONSENT ---- Superfund (CERCLA) Consent Decrees

INDIAN RESERV - Indian Reservations
FUSRAP - Formerly Utilized Sites Remedial Action Program
UMTRA - Uranium Mill Tailings Sites
LEAD SMELTERS - Lead Smelter Sites
US AIRS - Aerometric Information Retrieval System Facility Subsystem
US MINES - Mines Master Index File
ABANDONED MINES - Abandoned Mines
FINDS - Facility Index System/Facility Registry System
UXO - Unexploded Ordnance Sites
ECHO - Enforcement & Compliance History Information
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
HWP - EnviroStor Permitted Facilities Listing
HWT - Registered Hazardous Waste Transporter Database
MINES - Mines Site Location Listing
MWMP - Medical Waste Management Program Listing
NPDES - NPDES Permits Listing
PEST LIC - Pesticide Regulation Licenses Listing
PROC - Certified Processors Database
Notify 65 - Proposition 65 Records
UIC - UIC Listing
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)
HWTS - Hazardous Waste Tracking System
MINES MRDS - Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP - EDR Proprietary Manufactured Gas Plants
EDR Hist Auto - EDR Exclusive Historical Auto Stations

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

Lists of Federal RCRA generators

RCRA-SQG: 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 09/13/2021 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GOLDEN STATE FC LLC EPA ID:: CAR000272989	27517 PIONEER AVE	W 1/8 - 1/4 (0.221 mi.)	B6	33

Lists of state- and tribal hazardous waste facilities

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 10/25/2021 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW HIGH SCHOOL NO.3 Facility Id: 36010062 Status: No Further Action	***TEXAS STREET/W. PION***	***ENE 1/8 - 1/4 (0.234 mi.)***	***8***	***48***
REDLANDS FARMING COM Facility Id: 36350019 Status: Refer: Other Agency	780 WEST SAN BERNARD	ESE 1/4 - 1/2 (0.482 mi.)	9	53

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

SCH: 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.

A review of the SCH list, as provided by EDR, and dated 10/25/2021 has revealed that there is 1 SCH site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW HIGH SCHOOL NO.3 Facility Id: 36010062 Status: No Further Action	***TEXAS STREET/W. PION***	***ENE 1/8 - 1/4 (0.234 mi.)***	***8***	***48***

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 10/18/2021 has revealed that there are 2 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BURLINGTON STORE #51	***27582 PIONEER AVE***	***W 1/8 - 1/4 (0.204 mi.)***	***B5***	***18***
GOLDEN STATE FC LLC	***27517 PIONEER AVE***	***W 1/8 - 1/4 (0.221 mi.)***	***B7***	***37***

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 09/13/2021 has revealed that there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KEN S MORSE EPA ID:: CAC002967215	880 W. PIONEER AVE	ESE 1/8 - 1/4 (0.133 mi.)	1	9

Lower Elevation	Address	Direction / Distance	Map ID	Page
BURLINGTON STORE #51 EPA ID:: CAL000411087	27582 PIONEER AVE	W 1/8 - 1/4 (0.204 mi.)	B4	16

San Bern. Co. Permit: San Bernardino County Fire Department Hazardous Materials Division.

A review of the San Bern. Co. Permit list, as provided by EDR, and dated 12/01/2021 has revealed that there are 4 San Bern. Co. Permit sites within approximately 0.25 miles of the target property.

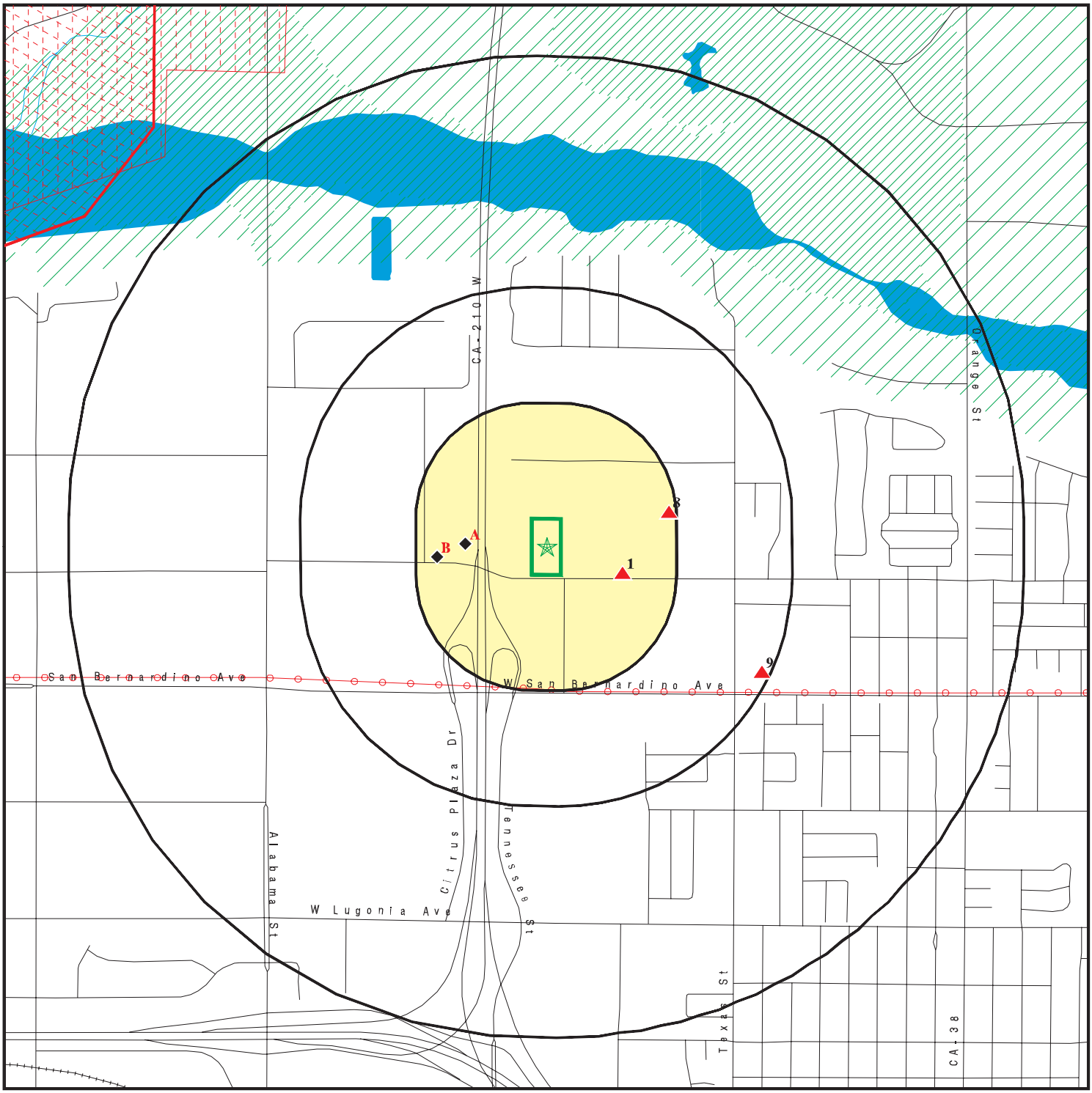
Lower Elevation	Address	Direction / Distance	Map ID	Page
VERIZON WIRELESS: BU Facility Status: ACTIVE Facility Id: FA0017054	***27630-B PIONEER AVE***	***W 1/8 - 1/4 (0.143 mi.)***	***A2***	***11***
AT&T MOBILITY - 30 F Facility Status: ACTIVE Facility Status: INACTIVE Facility Id: FA0009030	***27630 N PIONEER AVE***	***W 1/8 - 1/4 (0.145 mi.)***	***A3***	***13***
BURLINGTON STORE #51 Facility Status: ACTIVE Facility Id: FA0015718	***27582 PIONEER AVE***	***W 1/8 - 1/4 (0.204 mi.)***	***B5***	***18***
GOLDEN STATE FC LLC Facility Status: ACTIVE Facility Status: INACTIVE Facility Id: FA0016845 Facility Id: FA0017535	***27517 PIONEER AVE***	***W 1/8 - 1/4 (0.221 mi.)***	***B7***	***37***

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

Site Name	Database(s)
ALABAMA STREET ILLEGAL DISPOSAL SI	SWF/LF
CRAFTON-REDLANDS AREA	CA BOND EXP. PLAN

OVERVIEW MAP - 06891882.2R



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

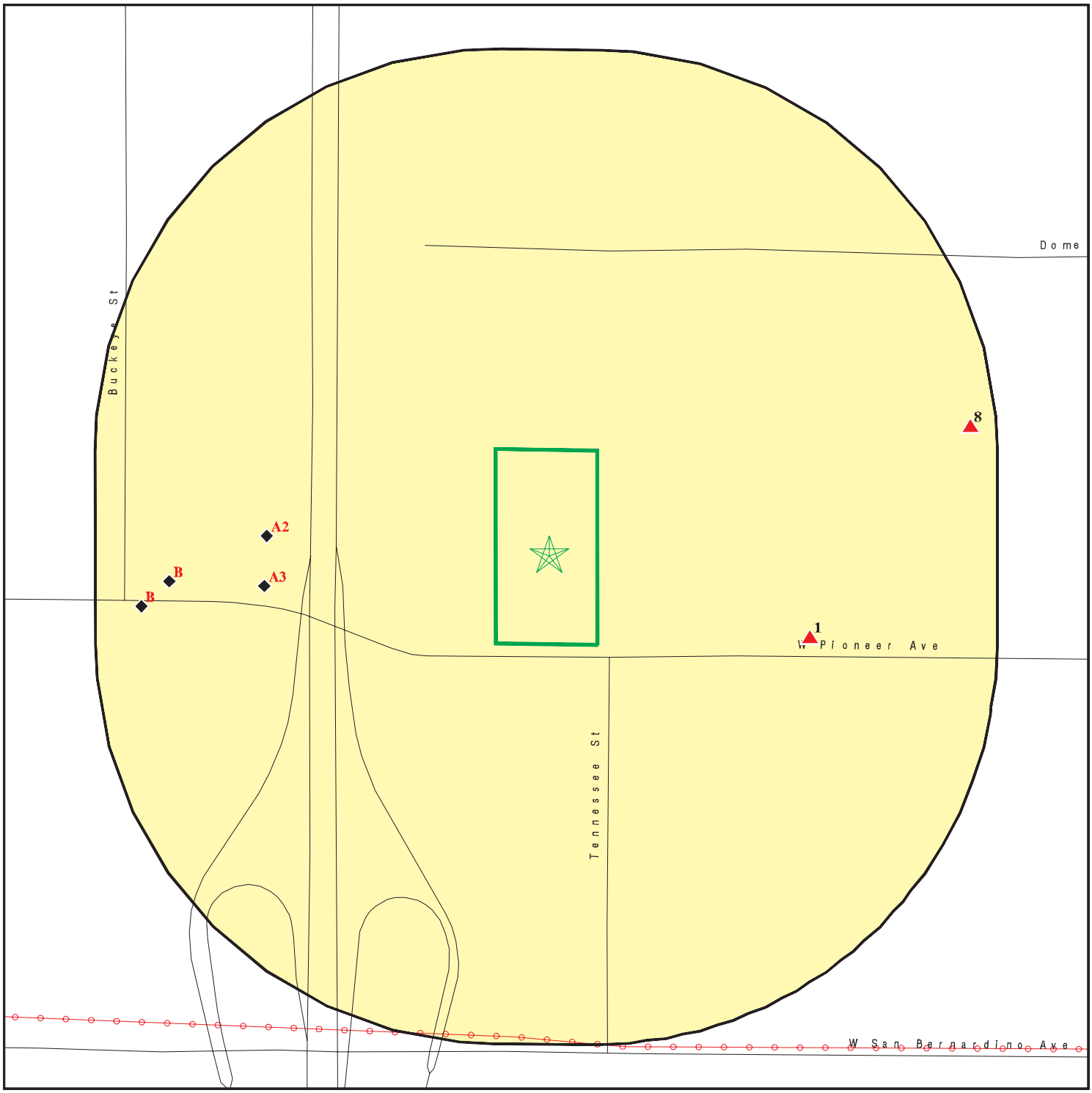
Areas of Concern

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: 1160 W. Pioneer Avenue	CLIENT: Petra Geotechnical Inc
ADDRESS: 1160 W. Pioneer Avenue Redlands CA 92374	CONTACT: Jon Cain
LAT/LONG: 34.0819 / 117.1982	INQUIRY #: 06891882.2r DATE: March 09, 2022 8:56 pm

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DETAIL MAP - 06891882.2R



- 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
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- 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: 1160 W. Pioneer Avenue	CLIENT: Petra Geotechnical Inc
ADDRESS: 1160 W. Pioneer Avenue Redlands CA 92374	CONTACT: Jon Cain INQUIRY #: 06891882.2r
LAT/LONG: 34.0819 / 117.1982	DATE: March 09, 2022 8:59 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								
Lists of Federal NPL (Superfund) sites								
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
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	1	NR	NR	NR	1
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
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		0	1	1	0	NR	2
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield 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								
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	1	NR	NR	NR	1
CDL	0.001		0	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	2	NR	NR	NR	2
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0

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
CERS TANKS	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0
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		0	2	NR	NR	NR	2
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
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	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
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
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
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
San Bern. Co. Permit	0.250		0	4	NR	NR	NR	4
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
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
HWTS	TP		NR	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	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
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	0	11	1	0	0	12

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
ESE
1/8-1/4
0.133 mi.
702 ft.

KEN S MORSE
880 W. PIONEER AVE
REDLANDS, CA 92374

RCRA NonGen / NLR **1024747438** **CAC002967215**

Relative:
Higher

Actual:
1295 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		20180619
Handler Name:	KEN S MORSE	
Handler Address:		880 W. PIONEER AVE
Handler City,State,Zip:		REDLANDS, CA 92374
EPA ID:		CAC002967215
Contact Name:		KEN MORSE
Contact Address:		20 W. LUGONIA AVE.
Contact City,State,Zip:		REDLANDS, CA 92373
Contact Telephone:		909-748-6733
Contact Fax:		Not reported
Contact Email:		KEN_MORSE@REDLANDS.K12.CA.US
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		20 W. LUGONIA AVE.
Mailing City,State,Zip:		REDLANDS, CA 92373
Owner Name:		REDLANDS UNIFIED SCHOOL DISTRICT
Owner Type:		Other
Operator Name:		KEN MORSE
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

KEN S MORSE (Continued) **1024747438**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180831
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	REDLANDS UNIFIED SCHOOL DISTRICT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	20 W. LUGONIA AVE.
Owner/Operator City,State,Zip:	REDLANDS, CA 92373
Owner/Operator Telephone:	909-307-5300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEN MORSE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	20 W. LUGONIA AVE.
Owner/Operator City,State,Zip:	REDLANDS, CA 92373
Owner/Operator Telephone:	909-748-6733
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

KEN S MORSE (Continued) **1024747438**

Historic Generators:
Receive Date: 20180619
Handler Name: KEN S MORSE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A2 **VERIZON WIRELESS: BUCKEYE** **San Bern. Co. Permit** **S119102812**
West **27630-B PIONEER AVE** **CERS** **N/A**
1/8-1/4 **REDLANDS, CA 92376**
0.143 mi.
754 ft. **Site 1 of 2 in cluster A**

Relative:
Lower

Actual:
1266 ft.

San Bern. Co. Permit:
Name: VERIZON WIRELESS: BUCKEYE
Address: 27630-B PIONEER AVE
City,State,Zip: REDLANDS, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0017054
Owner: Verizon Wireless
Permit Number: PT0036410
Permit Category: HAZARDOUS MATERIALS 1-3 CHEMICALS SPECIAL
Facility Status: ACTIVE
Expiration Date: 11/30/2021

CERS:
Name: VERIZON WIRELESS: BUCKEYE
Address: 27630-B PIONEER AVE
City,State,Zip: REDLANDS, CA 92376
Site ID: 167797
CERS ID: 10161439
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-24-2018
Violations Found: No
Eval Type: Routine done by local agency

VERIZON WIRELESS: BUCKEYE (Continued) **S119102812**

Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-24-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Steve Skanderson, Stantec
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: ,

Affiliation Type Desc: Operator
Entity Name: Verizon Wireless
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: (949) 286-7000,

Affiliation Type Desc: Identification Signer
Entity Name: Wilson Rodriguez
Entity Title: Engr III Spec-RE/Regulatory
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Verizon Wireless
Entity Title: Not reported
Affiliation Address: 15505 Sand Canyon Avenue, MS D-104
Affiliation City: Irvine
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92618
Affiliation Phone: (949) 286-7000,

Affiliation Type Desc: Environmental Contact
Entity Name: Environmental Compliance

VERIZON WIRELESS: BUCKEYE (Continued) **S119102812**

Entity Title: Not reported
Affiliation Address: 15505 Sand Canyon Avenue, MS D-104
Affiliation City: Irvine
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92618
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 15505 Sand Canyon Avenue, MS D-104
Affiliation City: Irvine
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92618
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Verizon Wireless [Southern California]
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: ,

Affiliation Type Desc: CUPA District
Entity Name: San Bernardino County Fire
Entity Title: Not reported
Affiliation Address: 620 South E Street
Affiliation City: San Bernardino
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92415-0153
Affiliation Phone: (909) 386-8401,

A3 **AT&T MOBILITY - 30 FWY/PIONEER OVERLAY (USID12380)** **San Bern. Co. Permit** **S121309744**
West **27630 N PIONEER AVE** **CERS** **N/A**
1/8-1/4 **REDLANDS, CA 92374**
0.145 mi.
763 ft. **Site 2 of 2 in cluster A**

Relative: San Bern. Co. Permit:
Lower
Actual: Name: AT&T MOBILITY - 30 FWY/PIONEER OVERLAY (USID12380)
1266 ft. Address: 27630 N PIONEER AVE
City,State,Zip: REDLANDS, CA 92374
Region: SAN BERNARDINO
Facility ID: FA0009030
Owner: New Cingular Wireless PCS, LLC dba AT&T Mobility
Permit Number: PT0015898
Permit Category: HAZARDOUS MATERIALS 1-3 CHEMICALS SPECIAL
Facility Status: ACTIVE
Expiration Date: 08/31/2022

Name: AT&T MOBILITY - 30 FWY/PIONEER OVERLAY (USID12380)

AT&T MOBILITY - 30 FWY/PIONEER OVERLAY (USID12380) (Continued) **S121309744**

Address: 27630 N PIONEER AVE
City,State,Zip: REDLANDS, CA 92374
Region: SAN BERNARDINO
Facility ID: FA0009030
Owner: New Cingular Wireless PCS, LLC dba AT&T Mobility
Permit Number: PT0020721
Permit Category: EPCRA FACILITY
Facility Status: INACTIVE
Expiration Date: 08/31/2013

CERS:
Name: AT&T MOBILITY - 30 FWY/PIONEER OVERLAY (USID12380)
Address: 27630 N PIONEER AVE
City,State,Zip: REDLANDS, CA 92374
Site ID: 94442
CERS ID: 10049479
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-27-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ROUTINE HANDLER INSPECTION FOR AT&T MOBILITY #12975 IN REDLANDS.
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-20-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Bernardino County Fire
Entity Title: Not reported
Affiliation Address: 620 South E Street
Affiliation City: San Bernardino
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92415-0153
Affiliation Phone: (909) 386-8401,

AT&T MOBILITY - 30 FWY/PIONEER OVERLAY (USID12380) (Continued) **S121309744**

Affiliation Type Desc:	Environmental Contact
Entity Name:	AT&T EH&S Hotline - Option #1
Entity Title:	Not reported
Affiliation Address:	308 S. Akard St., 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75202
Affiliation Phone:	,

Affiliation Type Desc:	Parent Corporation
Entity Name:	AT&T Mobility
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:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	New Cingular Wireless PCS, LLC dba AT&T Mobility
Entity Title:	Not reported
Affiliation Address:	308 S. Akard St., 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75202
Affiliation Phone:	(214) 464-1712,

Affiliation Type Desc:	Document Preparer
Entity Name:	Peter Burnell, Sigma Consultants, Inc.
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:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Jeremy McGrue
Entity Title:	National EPCRA Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	AT&T Mobility
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

AT&T MOBILITY - 30 FWY/PIONEER OVERLAY (USID12380) (Continued) **S121309744**

Affiliation Zip:	Not reported
Affiliation Phone:	(800) 566-9347,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	308 S. Akard St., 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75202
Affiliation Phone:	,

B4 **BURLINGTON STORE #517** **RCRA NonGen / NLR** **1024852094**
West **27582 PIONEER AVE** **CAL000411087**
1/8-1/4 **REDLANDS, CA 92374**
0.204 mi.
1076 ft. **Site 1 of 4 in cluster B**

Relative: **Lower**
Actual: **1262 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20151014
Handler Name:	BURLINGTON STORE #517	
Handler Address:		27582 PIONEER AVE
Handler City,State,Zip:		REDLANDS, CA 92374
EPA ID:		CAL000411087
Contact Name:		NANCY DENNION
Contact Address:		1830 ROUTE 130N
Contact City,State,Zip:		BURLINGTON, NJ 08016-3017
Contact Telephone:		609-387-7800
Contact Fax:		Not reported
Contact Email:		NANCY.DENNION@COAT.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1830 ROUTE 130 N
Mailing City,State,Zip:		BURLINGTON ‘, NJ 08016-0000
Owner Name:		BURLINGTON COAT FACTORY
Owner Type:		Other
Operator Name:		NANCY DENNION
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No

BURLINGTON STORE #517 (Continued) **1024852094**

Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BURLINGTON COAT FACTORY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1830 ROUTE 130 N
Owner/Operator City,State,Zip:	BURLINGTON, NJ 08016-3017
Owner/Operator Telephone:	609-387-7800
Owner/Operator Telephone Ext:	Not reported

BURLINGTON STORE #517 (Continued) **1024852094**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NANCY DENNION
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1830 ROUTE 130N
Owner/Operator City,State,Zip:	BURLINGTON, NJ 08016-3017
Owner/Operator Telephone:	609-387-7800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20151014
Handler Name:	BURLINGTON STORE #517
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	45211
NAICS Description:	DEPARTMENT STORES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

B5 **BURLINGTON STORE #517** **CERS HAZ WASTE** **S117566035**
West **27582 PIONEER AVE** **HAZNET** **N/A**
1/8-1/4 **REDLANDS, CA 92374** **San Bern. Co. Permit**
0.204 mi. **CERS**
1076 ft. **Site 2 of 4 in cluster B** **HWTS**

Relative:
Lower

Actual:
1262 ft.

CERS HAZ WASTE:

Name:	BURLINGTON STORE #517
Address:	27582 PIONEER AVE
City,State,Zip:	REDLANDS, CA 92374
Site ID:	273945
CERS ID:	10622209
CERS Description:	Hazardous Waste Generator

HAZNET:

BURLINGTON STORE #517 (Continued) **S117566035**

Name:	BURLINGTON STORE #517
Address:	27582 PIONEER AVE
Address 2:	Not reported
City,State,Zip:	REDLANDS, CA 080160000
Contact:	NANCY DENNION
Telephone:	6093877800
Mailing Name:	Not reported
Mailing Address:	1830 ROUTE 130 N
Year:	2019
Gepaid:	CAL000411087
TSD EPA ID:	NVD980895338
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.05750
Year:	2019
Gepaid:	CAL000411087
TSD EPA ID:	CAD008364432
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00400
Year:	2019
Gepaid:	CAL000411087
TSD EPA ID:	CAD008364432
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.04100
Year:	2019
Gepaid:	CAL000411087
TSD EPA ID:	AZR000515924
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.76950
Year:	2019
Gepaid:	CAL000411087
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.00000
Year:	2018
Gepaid:	CAL000411087
TSD EPA ID:	AZR000515924
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.55550

BURLINGTON STORE #517 (Continued) **S117566035**

Year:	2018
Gepaid:	CAL000411087
TSD EPA ID:	CAD008364432
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00100

Year:	2018
Gepaid:	CAL000411087
TSD EPA ID:	NVD980895338
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.14650

Year:	2017
Gepaid:	CAL000411087
TSD EPA ID:	CAD008364432
CA Waste Code:	141 - Off-specification, aged or surplus inorganics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0015

Year:	2017
Gepaid:	CAL000411087
TSD EPA ID:	CAD008364432
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.086

Click this hyperlink while viewing on your computer to access
3 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2016
Gen EPA ID:	CAL000411087
Shipment Date:	20151022
Creation Date:	12/18/2015 22:15:09
Receipt Date:	20151102
Manifest ID:	008436198FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.116

BURLINGTON STORE #517 (Continued) **S117566035**

Waste Quantity:	232
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAL000411087
Shipment Date:	20151022
Creation Date:	12/18/2015 22:15:09
Receipt Date:	20151102
Manifest ID:	008436198FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.116
Waste Quantity:	232
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAL000411087
Shipment Date:	20171228
Creation Date:	10/16/2018 18:30:53
Receipt Date:	20180105
Manifest ID:	011347014FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLDWIDE RECOVERY SYS INC
TSDF EPA ID:	AZR000515924
Trans Name:	YUMA YES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

BURLINGTON STORE #517 (Continued) **S117566035**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.22
Waste Quantity:	440
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170721
Creation Date:	5/31/2018 18:30:42
Receipt Date:	20170727
Manifest ID:	009376855FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000
Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170721
Creation Date:	5/31/2018 18:30:42
Receipt Date:	20170727
Manifest ID:	009376855FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000
Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.068
Waste Quantity:	136
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

BURLINGTON STORE #517 (Continued) **S117566035**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170721
Creation Date:	5/31/2018 18:30:42
Receipt Date:	20170727
Manifest ID:	009376855FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000
Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D009
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0065
Waste Quantity:	13
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170721
Creation Date:	5/31/2018 18:30:42
Receipt Date:	20170727
Manifest ID:	009376855FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000
Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0095
Waste Quantity:	19
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170124
Creation Date:	3/23/2017 18:30:44
Receipt Date:	20170201
Manifest ID:	009352051FLE

BURLINGTON STORE #517 (Continued) **S117566035**

Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D009
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170124
Creation Date:	3/23/2017 18:30:44
Receipt Date:	20170201
Manifest ID:	009352051FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170124
Creation Date:	3/23/2017 18:30:44
Receipt Date:	20170201
Manifest ID:	009352051FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported

BURLINGTON STORE #517 (Continued) **S117566035**

TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.008
Waste Quantity:	16
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170124
Creation Date:	3/23/2017 18:30:44
Receipt Date:	20170201
Manifest ID:	009352051FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170124
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009352051FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2635
Waste Quantity:	527

BURLINGTON STORE #517 (Continued) **S117566035**

Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

San Bern. Co. Permit:
Name: BURLINGTON STORE #517
Address: 27582 PIONEER AVE
City,State,Zip: REDLANDS, CA 92374
Region: SAN BERNARDINO
Facility ID: FA0015718
Owner: Burlington Stores
Permit Number: PT0034309
Permit Category: HAZARDOUS MATERIALS 4-10 CHEMICALS
Facility Status: ACTIVE
Expiration Date: 12/31/2021

Name: BURLINGTON STORE #517
Address: 27582 PIONEER AVE
City,State,Zip: REDLANDS, CA 92374
Region: SAN BERNARDINO
Facility ID: FA0015718
Owner: Burlington Stores
Permit Number: PT0034310
Permit Category: CONDITIONALLY EXEMPT SM QTY GENERATOR
Facility Status: ACTIVE
Expiration Date: 12/31/2021

CERS:
Name: BURLINGTON STORE #517
Address: 27582 PIONEER AVE
City,State,Zip: REDLANDS, CA 92374
Site ID: 273945
CERS ID: 10622209
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 273945
Site Name: Burlington Store #517
Violation Date: 08-19-2020
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Observed (1) 30 gallon drum of used lubricating oil to have exceeded the accumulation time frame for the facility. The hazardous waste labeling affixed tot he drum denoted an accumulation start date of 01/18/2018. CORRECTIVE ACTION: Sign the Certificate of Compliance

BURLINGTON STORE #517 (Continued) **S117566035**

indicating that all hazardous waste that has exceeded the accumulation time frame for this facility has been transported off site by a licensed hazardous waste transporter. Provide a copy of the associated disposal record to this Division.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 273945
Site Name: Burlington Store #517
Violation Date: 11-26-2014
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 07/26/2017. Failure to establish a Contingency Plan (CCR 66265.51(a))
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 273945
Site Name: Burlington Store #517
Violation Date: 08-19-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: The hazardous materials inventory submitted via CERS on 02/26/2020, did not disclose the following items: -(2)~1928 cubic foot containers of R-134a refrigerant gas -(1) 251 cuic foot cylinder of oxygen -(1) 30 gallon drum of used lubricating oil -(1) 55 gallon drum of used lubricating oil -(5) 55 gallon drums of hydraulic fluid -The quantity of electrolyte contained in the on site powered industrial trucks The following items were disclosed in the CERS hazardous materials inventory, in the incorrect quantities: -(2) 50 gallon drums of waste aerosol cans -(4) 50 gallon drums of toxic/state regulated waste -(1) 30 gallon drum of drained used oil filters CORRECTIVE ACTION: Submit an accurate and complete hazardous materials inventory into the California Environmental Reporting System (CERS).
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 273945
Site Name: Burlington Store #517
Violation Date: 11-26-2014
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 07/26/2017. Failure to obtain a CUPA Hazardous Waste Generator Permit (SBCC 23.0602(b)(1))
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 273945

BURLINGTON STORE #517 (Continued) **S117566035**

Site Name:	Burlington Store #517
Violation Date:	08-19-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 08/19/2020. Observed (1) 55 gallon drum of used lubricating oil to not have appropriate hazardous waste labeling. Violation corrected on site. Operator correctly labeled the drum
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	273945
Site Name:	Burlington Store #517
Violation Date:	08-19-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	The site map submitted via CERS on 02/26/2020 did not disclose the following mapping elements: -Utility Shut Off's (Electricity, Water, Gas) -Emergency Response Equipment -Locations of the hazardous materials CORRECTIVE ACTION: Submit an accurate and complete site map into the California Environmental Reporting System (CERS).
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	273945
Site Name:	Burlington Store #517
Violation Date:	08-19-2020
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	Observed (1) 30 gallon drum of drained used oil filters to exceed the accumulation time frame. CORRECTIVE ACTION: Sign the Certificate of Compliance indicating that contents of the drained used oil filter drum have been removed off site by a licensed hazardous waste transporter. Provide a copy of the associated disposal record to this Division.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	273945
Site Name:	Burlington Store #517
Violation Date:	07-26-2017
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 07/26/2017. Failure to complete hazardous waste labels (CCR 66262.34(f)(3)) Failure to ensure that the following

BURLINGTON STORE #517 (Continued) **S117566035**

information is present and legible on a Hazardous Waste label: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste and starting accumulation date.

Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 273945
Site Name: Burlington Store #517
Violation Date: 11-26-2014
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 07/26/2017.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 273945
Site Name: Burlington Store #517
Violation Date: 11-26-2014
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 07/26/2017.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 273945
Site Name: Burlington Store #517
Violation Date: 11-26-2014
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 07/26/2017. Failure to obtain a CUPA Hazardous Materials Handler permit (SBCC 23.0602(a))
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-26-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE GENERATOR INSPECTION OF BURLINGTON STORE #517.
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

BURLINGTON STORE #517 (Continued) **S117566035**

Eval Date: 08-19-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-26-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: NEW FACILITY GENERATOR INSPECTION-BURLINGTON COAT
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-26-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ROUTINE HANDLER INSPECTION OF BURLINGTON STORE #517.
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-26-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: NEW FACILITY HANDLER INSPECTION-BURLINGTON COAT
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 273945
Site Name: Burlington Store #517
Site Address: 27582 PIONEER AVE
Site City: REDLANDS
Site Zip: 92374
Enf Action Date: 11-26-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS,

BURLINGTON STORE #517 (Continued) **S117566035**

Site ID:	273945
Site Name:	Burlington Store #517
Site Address:	27582 PIONEER AVE
Site City:	REDLANDS
Site Zip:	92374
Enf Action Date:	11-26-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	San Bernardino County Fire Department
Enf Action Program:	HW
Enf Action Source:	CERS,

Coordinates:

Site ID:	273945
Facility Name:	Burlington Store #517
Env Int Type Code:	HWG
Program ID:	10622209
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	34.083160
Longitude:	-117.203410

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	ASHLEY CAMPBELL
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:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	ASHLEY CAMPBELL
Entity Title:	Not reported
Affiliation Address:	5151 San Felipe St, Ste 1000
Affiliation City:	Houston
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	77056
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1830 Route 130 North
Affiliation City:	Burlington
Affiliation State:	NJ
Affiliation Country:	Not reported
Affiliation Zip:	08016
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	San Bernardino County Fire

BURLINGTON STORE #517 (Continued) **S117566035**

Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153
Affiliation Phone:	(909) 386-8401,
Affiliation Type Desc:	Identification Signer
Entity Name:	ASHLEY CAMPBELL
Entity Title:	Agent For
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Burlington Stores
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:	(609) 387-7800,
Affiliation Type Desc:	Property Owner
Entity Name:	Howard Pacific Properties
Entity Title:	Not reported
Affiliation Address:	1438 N. Gower St, Box 2
Affiliation City:	Hollywood
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90028
Affiliation Phone:	(415) 277-0802,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Burlington Stores
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:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Burlington Stores
Entity Title:	Not reported
Affiliation Address:	1830 Route 130 North
Affiliation City:	Burlington
Affiliation State:	NJ
Affiliation Country:	United States
Affiliation Zip:	08016
Affiliation Phone:	(609) 387-7800,

BURLINGTON STORE #517 (Continued) **S117566035**

HWTS:

Name:	BURLINGTON STORE #517
Address:	27582 PIONEER AVE
Address 2:	Not reported
City,State,Zip:	REDLANDS, CA 92374
EPA ID:	CAL000411087
Inactive Date:	Not reported
Create Date:	10/14/2015
Last Act Date:	11/02/2020
Mailing Name:	Not reported
Mailing Address:	1830 ROUTE 130 N
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BURLINGTON ‘, NJ 080160000
Owner Name:	BURLINGTON COAT FACTORY
Owner Address:	1830 ROUTE 130 N
Owner Address 2:	Not reported
Owner City,State,Zip:	BURLINGTON, NJ 080163017
Contact Name:	NANCY DENNION
Contact Address:	1830 ROUTE 130N
Contact Address 2:	Not reported
City,State,Zip:	BURLINGTON, NJ 080163017

NAICS:

EPA ID:	CAL000411087
Create Date:	2015-10-14 10:14:07.813
NAICS Code:	45211
NAICS Description:	Department Stores
Issued EPA ID Date:	2015-10-14 10:14:07.79300
Inactive Date:	Not reported
Facility Name:	BURLINGTON STORE #517
Facility Address:	27582 PIONEER AVE
Facility Address 2:	Not reported
Facility City:	REDLANDS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	92374

B6 **GOLDEN STATE FC LLC (LGB4)** **RCRA-SQG** **1023675274**
West **27517 PIONEER AVE** **CAR000272989**
1/8-1/4 **REDLANDS, CA 92374**
0.221 mi.
1168 ft. **Site 3 of 4 in cluster B**

Relative:
Lower

Actual:
1260 ft.

RCRA-SQG:

Date Form Received by Agency:	20170530
Handler Name:	GOLDEN STATE FC LLC (LGB4)
Handler Address:	27517 PIONEER AVE
Handler City,State,Zip:	REDLANDS, CA 92374
EPA ID:	CAR000272989
Contact Name:	LANCE JONES
Contact Address:	BOREN AVE NORTH
Contact City,State,Zip:	SEATTLE, WA 98109
Contact Telephone:	206-435-2754
Contact Fax:	Not reported
Contact Email:	LANCEJON@AMAZON.COM
Contact Title:	ENVIRONMENTAL PROGRAM MGR
EPA Region:	09

GOLDEN STATE FC LLC (LGB4) (Continued) **1023675274**

Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	BOREN AVE NORTH
Mailing City,State,Zip:	SEATTLE, WA 98109
Owner Name:	PROLOGIS USLV NEW CA 7, LLC
Owner Type:	Private
Operator Name:	GOLDEN STATE FC LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

GOLDEN STATE FC LLC (LGB4) (Continued) **1023675274**

Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20170613
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D016
Waste Description:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	D027
Waste Description:	1,4-DICHLOROBENZENE

GOLDEN STATE FC LLC (LGB4) (Continued) **1023675274**

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U129
Waste Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U159
Waste Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: GOLDEN STATE FC LLC
Legal Status: Private
Date Became Current: 20170617
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PROLOGIS USLV NEW CA 7, LLC
Legal Status: Private
Date Became Current: 20160406
Date Ended Current: Not reported
Owner/Operator Address: 4545 AIRPORT WAY
Owner/Operator City,State,Zip: DENVER, CO 80239
Owner/Operator Telephone: 909-673-8716
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20170530
Handler Name: GOLDEN STATE FC LLC (LGB4)
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

GOLDEN STATE FC LLC (LGB4) (Continued) **1023675274**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 493110
NAICS Description: GENERAL WAREHOUSING AND STORAGE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

B7 **GOLDEN STATE FC LLC LGB4)** **CERS HAZ WASTE** **S118839866**
West **27517 PIONEER AVE** **HAZNET** **N/A**
1/8-1/4 **REDLANDS, CA 92374** **San Bern. Co. Permit**
0.221 mi. **CERS**
1168 ft. **Site 4 of 4 in cluster B** **HWTS**

Relative:
Lower

Actual:
1260 ft.

CERS HAZ WASTE:
Name: AMAZON.COM SERVICES, LLC - LGB4
Address: 27517 PIONEER AVE
City,State,Zip: REDLANDS, CA 92374
Site ID: 362234
CERS ID: 10653712
CERS Description: Hazardous Waste Generator

HAZNET:
Name: AMAZON.COM SERVICES INC. - LGB4
Address: 27517 PIONEER AVE
Address 2: Not reported
City,State,Zip: REDLANDS, CA 981080000
Contact: ERIC CHAPMAN
Telephone: 2064134526
Mailing Name: Not reported
Mailing Address: P.O. BOX 80842

Year: 2019
Gepaid: CAR000272989
TSD EPA ID: NVD980895338
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.33050

Year: 2019
Gepaid: CAR000272989
TSD EPA ID: CAD008364432
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.14600

GOLDEN STATE FC LLC LGB4) (Continued) **S118839866**

Year: 2019
Gepaid: CAR000272989
TSD EPA ID: NVD980895338
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H070 -
Tons: 0.06200

Year: 2019
Gepaid: CAR000272989
TSD EPA ID: CAD008364432
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.06850

Year: 2019
Gepaid: CAR000272989
TSD EPA ID: CAD008364432
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.48250

Year: 2019
Gepaid: CAR000272989
TSD EPA ID: CAD008364432
CA Waste Code: 311 - Pharmaceutical waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.41400

Year: 2019
Gepaid: CAR000272989
TSD EPA ID: CAD008364432
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.06200

Year: 2019
Gepaid: CAR000272989
TSD EPA ID: CAD008364432
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.07700

Year: 2019
Gepaid: CAR000272989
TSD EPA ID: CAD008364432
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.08250

Year: 2019
Gepaid: CAR000272989

GOLDEN STATE FC LLC LGB4) (Continued) **S118839866**

TSD EPA ID: CAD008364432
CA Waste Code: 123 - Unspecified alkaline solution
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.40100

Click this hyperlink while viewing on your computer to access
27 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2017
Gen EPA ID: CAR000272989

Shipment Date: 20171207
Creation Date: 8/7/2018 18:30:40
Receipt Date: 20171221
Manifest ID: 010798805FLE
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: CAR000217554
Trans 2 Name: CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.2295
Waste Quantity: 459
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171207
Creation Date: 8/7/2018 18:30:40
Receipt Date: 20171221
Manifest ID: 010798805FLE
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: CAR000217554
Trans 2 Name: CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 123 - Unspecified alkaline solution
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0935
Waste Quantity: 187

GOLDEN STATE FC LLC LGB4) (Continued) **S118839866**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171207
Creation Date:	8/7/2018 18:30:40
Receipt Date:	20171221
Manifest ID:	010798805FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D009
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0305
Waste Quantity:	61
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171120
Creation Date:	7/19/2018 18:30:11
Receipt Date:	20171201
Manifest ID:	010838584FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

GOLDEN STATE FC LLC LGB4) (Continued) **S118839866**

Shipment Date:	20171120
Creation Date:	7/19/2018 18:30:11
Receipt Date:	20171201
Manifest ID:	010838584FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.068
Waste Quantity:	136
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171120
Creation Date:	7/19/2018 18:30:11
Receipt Date:	20171201
Manifest ID:	010838584FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.013
Waste Quantity:	26
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171120
Creation Date:	7/19/2018 18:30:11
Receipt Date:	20171201
Manifest ID:	010838584FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported

GOLDEN STATE FC LLC LGB4) (Continued) **S118839866**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0335
Waste Quantity:	67
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171120
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010838584FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171120
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010838584FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported

GOLDEN STATE FC LLC LGB4) (Continued) **S118839866**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.026
Waste Quantity:	52
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171120
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010838584FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0825
Waste Quantity:	165
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

San Bern. Co. Permit:

Name:	AMAZON.COM SERVICES, INC. - LGB4
Address:	27517 PIONEER AVE
City,State,Zip:	REDLANDS, CA 92374
Region:	SAN BERNARDINO
Facility ID:	FA0016845
Owner:	Amazon.com Services, LLC
Permit Number:	PT0038881
Permit Category:	SMALL QUANTITY GENERATOR
Facility Status:	ACTIVE
Expiration Date:	08/31/2022
Name:	AMAZON.COM SERVICES, INC. - LGB4
Address:	27517 PIONEER AVE
City,State,Zip:	REDLANDS, CA 92374
Region:	SAN BERNARDINO
Facility ID:	FA0016845
Owner:	Amazon.com Services, LLC
Permit Number:	PT0036145
Permit Category:	HAZARDOUS MATERIALS 4-10 CHEMICALS
Facility Status:	ACTIVE

GOLDEN STATE FC LLC LGB4) (Continued) **S118839866**

Expiration Date: 08/31/2022

Name: AMAZON.COM SERVICES, INC. - LGB4
Address: 27517 PIONEER AVE
City,State,Zip: REDLANDS, CA 92374
Region: SAN BERNARDINO
Facility ID: FA0016845
Owner: Amazon.com Services, LLC
Permit Number: PT0040252
Permit Category: UW HANDLER WITH ANOTHER CUPA PERMIT
Facility Status: ACTIVE
Expiration Date: 08/31/2021

Name: GOLDEN STATE FC, LLC
Address: 27517 PIONEER AVE
City,State,Zip: REDLANDS, CA 92374
Region: SAN BERNARDINO
Facility ID: FA0017535
Owner: GOLDEN STATE FC, LLC
Permit Number: PT0037704
Permit Category: HAZARDOUS MATERIALS 1-3 CHEMICALS SPECIAL
Facility Status: INACTIVE
Expiration Date: 08/31/2019

CERS:
Name: AMAZON.COM SERVICES, LLC - LGB4
Address: 27517 PIONEER AVE
City,State,Zip: REDLANDS, CA 92374
Site ID: 362234
CERS ID: 10653712
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 362234
Site Name: Amazon.com Services, LLC - LGB4
Violation Date: 08-18-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 09/04/2020. Observed (1) 1 yard bin containing electronic waste, which the facility is managing as universal waste. This item was not disclosed in the hazardous materials inventory submitted via CERS on 06/05/2020. Update the "maximum daily amount" of the disclosed hazardous materials inventory items to correlate with the total storage capacity of any hazardous materials or hazardous waste stored on site. Update the "largest container size" of the disclosed hazardous materials inventory items to correlate with the largest capacity of a container utilized to store the hazardous materials or hazardous waste. CORRECTIVE ACTION: Submit an accurate and complete hazardous materials inventory into the California Environmental Reporting System (CERS).
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

GOLDEN STATE FC LLC LGB4) (Continued) **S118839866**

Site ID: 362234
Site Name: Amazon.com Services, LLC - LGB4
Violation Date: 07-28-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 09/07/2017.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 362234
Site Name: Amazon.com Services, LLC - LGB4
Violation Date: 07-28-2017
Citation: Un-Specified
Violation Description: Business Plan Program - Administration/Documentation - General Local Ordinance
Violation Notes: Returned to compliance on 09/07/2017.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-18-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-28-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-18-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-28-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported

GOLDEN STATE FC LLC LGB4) (Continued) **S118839866**

Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,

Coordinates:

Site ID:	362234
Facility Name:	Amazon.com Services, LLC - LGB4
Env Int Type Code:	HMBP
Program ID:	10653712
Coord Name:	Not reported
Ref Point Type Desc:	Unknown,
Latitude:	34.079775
Longitude:	-117.204246

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Bernardino County Fire
Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153
Affiliation Phone:	(909) 386-8401,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Ryan Schaefer
Entity Title:	Not reported
Affiliation Address:	PO Box 80842
Affiliation City:	Seattle
Affiliation State:	WA
Affiliation Country:	Not reported
Affiliation Zip:	98108
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Amazon.com Services LLC
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:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Prologis
Entity Title:	Not reported
Affiliation Address:	3546 Concours Street, Suite 100
Affiliation City:	Ontario
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91764
Affiliation Phone:	(909) 815-0106,
Affiliation Type Desc:	Operator

GOLDEN STATE FC LLC LGB4) (Continued) **S118839866**

Entity Name:	Amazon.com Services, LLC - LGB4
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:	(951) 533-4199,
Affiliation Type Desc:	Document Preparer
Entity Name:	Ryan Schaefer
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:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	Attn: NA Environmental Team P.O. Box 80842
Affiliation City:	Seatle
Affiliation State:	WA
Affiliation Country:	Not reported
Affiliation Zip:	98108
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Ryan Schaefer
Entity Title:	Regional Environmental Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Amazon.com Services, LLC
Entity Title:	Not reported
Affiliation Address:	PO Box 80842
Affiliation City:	Seattle
Affiliation State:	WA
Affiliation Country:	United States
Affiliation Zip:	98108
Affiliation Phone:	(206) 266-1036,

HWTS:

Name:	AMAZON.COM SERVICES, INC. - LGB4
Address:	27517 PIONEER AVE
Address 2:	Not reported
City,State,Zip:	REDLANDS, CA 92374
EPA ID:	CAR000272989
Inactive Date:	Not reported

GOLDEN STATE FC LLC LGB4) (Continued) **S118839866**

Create Date:	06/13/2017
Last Act Date:	12/04/2020
Mailing Name:	Not reported
Mailing Address:	P.O. BOX 80842
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SEATTLE, WA 981080000
Owner Name:	GOLDEN STATE FC LLC
Owner Address:	P.O. BOX 80842
Owner Address 2:	Not reported
Owner City,State,Zip:	SEATTLE, WA 981080000
Contact Name:	NATALIE WAID
Contact Address:	P.O. BOX 80842
Contact Address 2:	Not reported
City,State,Zip:	SEATTLE, WA 98108

NAICS:

EPA ID:	CAR000272989
Create Date:	2017-06-13 17:02:35.453
NAICS Code:	99999
NAICS Description:	Not Otherwise Specified
Issued EPA ID Date:	2017-06-13 17:02:35.39000
Inactive Date:	Not reported
Facility Name:	AMAZON.COM SERVICES, INC. - LGB4
Facility Address:	27517 PIONEER AVE
Facility Address 2:	Not reported
Facility City:	REDLANDS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	92374

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8 **NEW HIGH SCHOOL NO.3** **ENVIROSTOR** **S107736878**
ENE **TEXAS STREET/W. PIONEER AVENUE** **SCH** **N/A**
1/8-1/4 **REDLANDS, CA 92374** **CERS**
0.234 mi.
1234 ft.

Relative:
Higher

Actual:
1300 ft.

ENVIROSTOR:

Name:	NEW HIGH SCHOOL NO.3
Address:	TEXAS STREET/W. PIONEER AVENUE
City,State,Zip:	REDLANDS, CA 92374
Facility ID:	36010062
Status:	No Further Action
Status Date:	04/19/2007
Site Code:	404541
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	55
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	40
Senate:	23
Special Program:	Not reported
Restricted Use:	NO

NEW HIGH SCHOOL NO.3 (Continued) **S107736878**

Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.08305
Longitude:	-117.1936
APN:	167-061-04, 167-061-05, 167-061-06, 167-061-09, 167-061-10, 167-061-11, 167-061-12, 167-061-14, 167-061-15, 167-061-18, 167-061-19, 167-061-21, 167-061-22, 167-061-24, 167-061-25
Past Use:	RESIDENTIAL AREA
Potential COC:	Lead
Confirmed COC:	30013-NO
Potential Description:	SOIL
Alias Name:	Citrus Valley High School
Alias Type:	Alternate Name
Alias Name:	NEW HIGH SCHOOL NO. 3
Alias Type:	Alternate Name
Alias Name:	REDLANDS UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	REDLANDS USD-PROPOSED NEW HIGH SCHOOL 3
Alias Type:	Alternate Name
Alias Name:	167-061-04
Alias Type:	APN
Alias Name:	167-061-05
Alias Type:	APN
Alias Name:	167-061-06
Alias Type:	APN
Alias Name:	167-061-09
Alias Type:	APN
Alias Name:	167-061-10
Alias Type:	APN
Alias Name:	167-061-11
Alias Type:	APN
Alias Name:	167-061-12
Alias Type:	APN
Alias Name:	167-061-14
Alias Type:	APN
Alias Name:	167-061-15
Alias Type:	APN
Alias Name:	167-061-18
Alias Type:	APN
Alias Name:	167-061-19
Alias Type:	APN
Alias Name:	167-061-21
Alias Type:	APN
Alias Name:	167-061-22
Alias Type:	APN
Alias Name:	167-061-24
Alias Type:	APN
Alias Name:	167-061-25
Alias Type:	APN
Alias Name:	404541
Alias Type:	Project Code (Site Code)
Alias Name:	36010062
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement

NEW HIGH SCHOOL NO.3 (Continued) **S107736878**

Completed Date:	07/09/2004
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	04/19/2007
Comments:	CRU Memo
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	07/21/2005
Comments:	PEA approved. SSI required for lead-based paint.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Workplan
Completed Date:	01/08/2007
Comments:	DTSC concurred with the sampling plan proposed
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	04/09/2007
Comments:	DTSC determined based on the Supplemental Site Investigation report that " No Further Action" is required at this Site.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	NEW HIGH SCHOOL NO.3
Address:	TEXAS STREET/W. PIONEER AVENUE
City,State,Zip:	REDLANDS, CA 92374
Facility ID:	36010062
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	55
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404541
Assembly:	40

NEW HIGH SCHOOL NO.3 (Continued) **S107736878**

Senate:	23
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	04/19/2007
Restricted Use:	NO
Funding:	School District
Latitude:	34.08305
Longitude:	-117.1936
APN:	167-061-04, 167-061-05, 167-061-06, 167-061-09, 167-061-10, 167-061-11, 167-061-12, 167-061-14, 167-061-15, 167-061-18, 167-061-19, 167-061-21, 167-061-22, 167-061-24, 167-061-25
Past Use:	RESIDENTIAL AREA
Potential COC:	Lead
Confirmed COC:	30013-NO
Potential Description:	SOIL
Alias Name:	Citrus Valley High School
Alias Type:	Alternate Name
Alias Name:	NEW HIGH SCHOOL NO. 3
Alias Type:	Alternate Name
Alias Name:	REDLANDS UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	REDLANDS USD-PROPOSED NEW HIGH SCHOOL 3
Alias Type:	Alternate Name
Alias Name:	167-061-04
Alias Type:	APN
Alias Name:	167-061-05
Alias Type:	APN
Alias Name:	167-061-06
Alias Type:	APN
Alias Name:	167-061-09
Alias Type:	APN
Alias Name:	167-061-10
Alias Type:	APN
Alias Name:	167-061-11
Alias Type:	APN
Alias Name:	167-061-12
Alias Type:	APN
Alias Name:	167-061-14
Alias Type:	APN
Alias Name:	167-061-15
Alias Type:	APN
Alias Name:	167-061-18
Alias Type:	APN
Alias Name:	167-061-19
Alias Type:	APN
Alias Name:	167-061-21
Alias Type:	APN
Alias Name:	167-061-22
Alias Type:	APN
Alias Name:	167-061-24
Alias Type:	APN
Alias Name:	167-061-25
Alias Type:	APN
Alias Name:	404541
Alias Type:	Project Code (Site Code)
Alias Name:	36010062
Alias Type:	Envirostor ID Number

NEW HIGH SCHOOL NO.3 (Continued) **S107736878**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	07/09/2004
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	04/19/2007
Comments:	CRU Memo

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	07/21/2005
Comments:	PEA approved. SSI required for lead-based paint.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Workplan
Completed Date:	01/08/2007
Comments:	DTSC concurred with the sampling plan proposed

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	04/09/2007
Comments:	DTSC determined based on the Supplemental Site Investigation report that " No Further Action" is required at this Site.

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

CERS:

Name:	NEW HIGH SCHOOL NO.3
Address:	TEXAS STREET/W. PIONEER AVENUE
City,State,Zip:	REDLANDS, CA 92374
Site ID:	340563
CERS ID:	36010062
CERS Description:	School Investigation

Affiliation:

Affiliation Type Desc:	Lead Project Manager
Entity Name:	IVY OSORNIO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported

NEW HIGH SCHOOL NO.3 (Continued) **S107736878**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Supervisor
Entity Name:	SHAHIR HADDAD
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:	,

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9 **REDLANDS FARMING COMPANY** **ENVIROSTOR** **1000277298**
ESE **780 WEST SAN BERNARDINO AVENUE** **N/A**
1/4-1/2 **REDLANDS, CA 92373**
0.482 mi.
2543 ft.

Relative:
Higher

Actual:
1324 ft.

ENVIROSTOR:

Name:	REDLANDS FARMING COMPANY
Address:	780 WEST SAN BERNARDINO AVENUE
City,State,Zip:	REDLANDS, CA 92373
Facility ID:	36350019
Status:	Refer: Other Agency
Status Date:	08/22/1995
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Mmonroy
Division Branch:	Cleanup Cypress
Assembly:	40
Senate:	23
Special Program:	* CERC2
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.07803
Longitude:	-117.1901
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* Pesticides - Rinse Waters * Pesticides - Wastes From Production * CONTAMINATED SOIL * UNSPECIFIED OIL CONTAINING WASTE * WASTE OIL & MIXED OIL
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	REDLAND HEIGHTS DOLE
Alias Type:	Alternate Name
Alias Name:	CAD982360307
Alias Type:	EPA Identification Number
Alias Name:	36350019

REDLANDS FARMING COMPANY (Continued) **1000277298**

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 06/20/1983
Comments: FACILITY IDENTIFIED ID VIA DRIVE BY FACILITY DRIVE-BY UNLINED POND WITH OILY WASTE ON SITE. PESTICIDE SPRAY TANKS ON SITE.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/27/1994
Comments: Database verification program confirmed the NFA status for DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/10/1989
Comments: SITE SCREENING DONE NO FURTHER ACTION UNDER CERCLA 10/28/88 NFA UNDER SITE MITIGATION

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 09/15/1987
Comments: PRELIM ASSESS DONE REDLANDS FARMING: HISTORY OF SITE WASTES DISPOSED OFF SITE,ANY OTHER CONTAMINATION IN LOW QUANITITES

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/20/1987
Comments: SITE SCREENING DONE FURTHER RECORD SEARCH NEEDED TO DETER- MINE EXACT TYPE OF OPERATION.

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

Count: 2 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
REDLANDS	S126984098	ALABAMA STREET ILLEGAL DISPOSAL SI	ALABAMA ST. AND PIONEER AVE.	92374	SWF/LF
REDLANDS & VICINITY	S105960464	CRAFTON-REDLANDS AREA	BUNKER HILL GROUND WATER SUB-B	92374	CA BOND EXP. PLAN

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

Lists of Federal NPL (Superfund) sites

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: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/11/2022
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 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

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: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/11/2022
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

Lists of Federal Delisted NPL sites

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: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
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: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

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: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
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: 11/15/2021
Date Data Arrived at EDR: 11/16/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 84

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 05/23/2022
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: 11/19/2021
Date Data Arrived at EDR: 11/19/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
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: 11/19/2021
Date Data Arrived at EDR: 11/19/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
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: 09/13/2021
Date Data Arrived at EDR: 09/21/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 85

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/01/2022
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

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: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

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: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

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: 11/08/2021
Date Data Arrived at EDR: 11/09/2021
Date Made Active in Reports: 01/28/2022
Number of Days to Update: 80

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

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

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

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

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

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

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

LUST REG 5: Leaking Underground Storage Tank Database

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

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

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

LUST: 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: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

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

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

LUST REG 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

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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

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

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

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

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
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

Lists of state and tribal registered storage tanks

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

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 04/18/2022
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: 12/01/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 03/02/2022
Number of Days to Update: 85
Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

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

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

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

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
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: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 10/14/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 02/09/2022
Next Scheduled EDR Contact: 05/02/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

Lists of 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: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

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

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

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
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: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

Lists of state and tribal brownfield 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: 12/15/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Date of Government Version: 06/10/2021
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 68

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/15/2022
Next Scheduled EDR Contact: 03/28/2022
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: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: No Update Planned

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

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Quarterly

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

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 11/23/2021
Number of Days to Update: 12

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 05/23/2022
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: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
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: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
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: 01/28/2022
Next Scheduled EDR Contact: 05/09/2022
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: 11/16/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
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: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/18/2022
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: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
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: 11/16/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Quarterly

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 12/10/2021
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 12/10/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

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

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

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

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

HIST UST: Hazardous Substance Storage Container Database

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

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

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

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
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: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
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: 08/25/2021
Date Data Arrived at EDR: 09/03/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
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: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/11/2022
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: 11/30/2021
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/16/2022
Number of Days to Update: 78

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
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: 09/12/2021
Date Data Arrived at EDR: 09/13/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 15

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
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: 09/30/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
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: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
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: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
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: 10/26/2021
Date Data Arrived at EDR: 11/16/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 84

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/15/2022
Next Scheduled EDR Contact: 05/30/2022
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: 03/02/2022
Next Scheduled EDR Contact: 04/25/2022
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: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
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: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
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: 02/01/2022
Next Scheduled EDR Contact: 05/16/2022
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: 02/03/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/18/2022
Next Scheduled EDR Contact: 05/30/2022
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: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 82

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
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: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 06/13/2022
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: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 22

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

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

Date of Government Version: 11/19/2020
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
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: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
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: 07/29/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

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

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
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: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
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: 02/04/2022
Next Scheduled EDR Contact: 05/16/2022
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: 12/27/2021
Next Scheduled EDR Contact: 04/11/2022
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: 01/24/2022
Next Scheduled EDR Contact: 05/08/2022
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: 09/30/2021
Date Data Arrived at EDR: 10/13/2021
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 89

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2022
Next Scheduled EDR Contact: 04/18/2022
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: 12/31/2019
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 90

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/02/2022
Next Scheduled EDR Contact: 04/04/2022
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: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
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: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
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: 02/17/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/03/2022
Next Scheduled EDR Contact: 04/11/2022
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

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: 11/02/2021
Date Data Arrived at EDR: 11/22/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

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

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/06/2022
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: 02/24/2022
Next Scheduled EDR Contact: 06/06/2022
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: 09/14/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 91

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/04/2022
Next Scheduled EDR Contact: 06/20/2022
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: 11/04/2021
Date Data Arrived at EDR: 11/22/2021
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 95

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/11/2022
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 34

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/11/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/01/2022
Date Data Arrived at EDR: 01/04/2022
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/22/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 78

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 05/30/2022
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: 12/16/2021
Date Data Arrived at EDR: 12/16/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 77

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
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: 08/27/2021
Date Data Arrived at EDR: 09/01/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 79

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 06/13/2022
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: 11/29/2021
Date Data Arrived at EDR: 11/29/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 77

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
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: 11/17/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 02/07/2022
Number of Days to Update: 81

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

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

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 78

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Varies

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

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 84

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 03/03/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 10/05/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
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: 11/18/2021
Date Data Arrived at EDR: 11/19/2021
Date Made Active in Reports: 02/07/2022
Number of Days to Update: 80

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 05/23/2022
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

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

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Annually

ICE: ICE

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

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 80

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 02/15/2022
Next Scheduled EDR Contact: 05/30/2022
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: 11/15/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/15/2022
Next Scheduled EDR Contact: 05/30/2022
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: 10/04/2021
Date Data Arrived at EDR: 10/05/2021
Date Made Active in Reports: 12/22/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
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: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
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: 11/18/2021
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/17/2022
Number of Days to Update: 79

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 11/09/2021
Date Made Active in Reports: 01/27/2022
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
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: 11/30/2021
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/17/2022
Number of Days to Update: 79

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 11/29/2021
Date Data Arrived at EDR: 11/29/2021
Date Made Active in Reports: 02/11/2022
Number of Days to Update: 74

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
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: 12/13/2021
Date Data Arrived at EDR: 12/14/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
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: 12/03/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/24/2022
Number of Days to Update: 79

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

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

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
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: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
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: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
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: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: No Update Planned

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

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
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: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
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: 11/30/2021
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/16/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
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: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

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

Non-Case Information sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

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

Other Oil & Gas Projects sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
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: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
Data Release Frequency: Varies

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55
Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

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: 02/24/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 07/13/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 84
Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
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

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: 12/28/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/01/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 75

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 11/01/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
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: 12/28/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
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: 10/22/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 85

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 10/01/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

EL DORADO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/30/2021
Date Data Arrived at EDR: 12/01/2021
Date Made Active in Reports: 02/16/2022
Number of Days to Update: 77

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 05/09/2022
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: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 12/21/2021
Next Scheduled EDR Contact: 04/11/2022
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: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 84

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
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: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 82

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

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

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 82

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

KINGS COUNTY:

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

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 05/02/2022
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: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

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

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 10/08/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 82

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/11/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

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

Date of Government Version: 01/01/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 81

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/25/2022
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: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
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: 10/12/2021
Date Data Arrived at EDR: 10/13/2021
Date Made Active in Reports: 01/04/2022
Number of Days to Update: 83

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 11

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
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: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 09/14/2021
Number of Days to Update: 89

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
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: 05/26/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/24/2022
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: 01/07/2022
Next Scheduled EDR Contact: 04/25/2022
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: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/02/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Semi-Annually

MADERA COUNTY:

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

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
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: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/24/2021
Date Data Arrived at EDR: 11/29/2021
Date Made Active in Reports: 02/11/2022
Number of Days to Update: 74

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 03/04/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Varies

MONTEREY COUNTY:

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

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/11/2022
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: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
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: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/26/2021
Date Data Arrived at EDR: 10/27/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 85

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

ORANGE COUNTY:

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

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 11/04/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 81

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Annually

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

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

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

Date of Government Version: 10/29/2021
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 05/16/2022
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: 12/01/2021
Date Data Arrived at EDR: 12/02/2021
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 85

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
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: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
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: 09/29/2021
Date Data Arrived at EDR: 09/30/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Quarterly

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

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 09/30/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 76
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
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: 06/18/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 77
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
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: 08/02/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 11/02/2021
Number of Days to Update: 90
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
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: 12/01/2021
Date Data Arrived at EDR: 12/02/2021
Date Made Active in Reports: 02/17/2022
Number of Days to Update: 77
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
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: 11/30/2021
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/16/2022
Number of Days to Update: 78

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 02/28/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 02/25/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
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: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 02/03/2022
Date Data Arrived at EDR: 02/04/2022
Date Made Active in Reports: 02/11/2022
Number of Days to Update: 7

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities

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

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

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
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: 11/10/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 83

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
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: 09/09/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

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

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/16/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 79

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/23/2022
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: 12/10/2021
Next Scheduled EDR Contact: 03/21/2022
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: 03/02/2022
Next Scheduled EDR Contact: 06/20/2022
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: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 11/19/2021
Date Data Arrived at EDR: 11/22/2021
Date Made Active in Reports: 02/07/2022
Number of Days to Update: 77

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
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: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: No Update Planned

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

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 05/16/2022
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: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
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: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
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: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

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

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
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: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

SUTTER COUNTY:

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

Date of Government Version: 11/23/2021
Date Data Arrived at EDR: 11/29/2021
Date Made Active in Reports: 02/11/2022
Number of Days to Update: 74

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 02/24/2022
Next Scheduled EDR Contact: 06/13/2022
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 04/06/2021
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 04/26/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
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: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
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: 09/29/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 79
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
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: 02/07/2022
Next Scheduled EDR Contact: 05/23/2022
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: 09/29/2021
Date Data Arrived at EDR: 10/21/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 84
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 11/29/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/24/2022
Number of Days to Update: 79
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/08/2022
Next Scheduled EDR Contact: 06/20/2022
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: 09/23/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 78
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Annually

YUBA COUNTY:

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

Date of Government Version: 10/26/2021
Date Data Arrived at EDR: 10/27/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 85

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
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: 11/11/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 81

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/23/2022
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: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
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: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/09/2022
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: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/14/2022
Next Scheduled EDR Contact: 05/30/2022
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: 03/02/2022
Next Scheduled EDR Contact: 06/20/2022
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

1160 W. PIONEER AVENUE
1160 W. PIONEER AVENUE
REDLANDS, CA 92374

TARGET PROPERTY COORDINATES

Latitude (North):	34.0819 - 34ˆ 4’ 54.84’’
Longitude (West):	117.1982 - 117ˆ 11’ 53.52’’
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	481713.8
UTM Y (Meters):	3771060.0
Elevation:	1280 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	12014994 REDLANDS, CA
Version Date:	2018

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

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

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

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

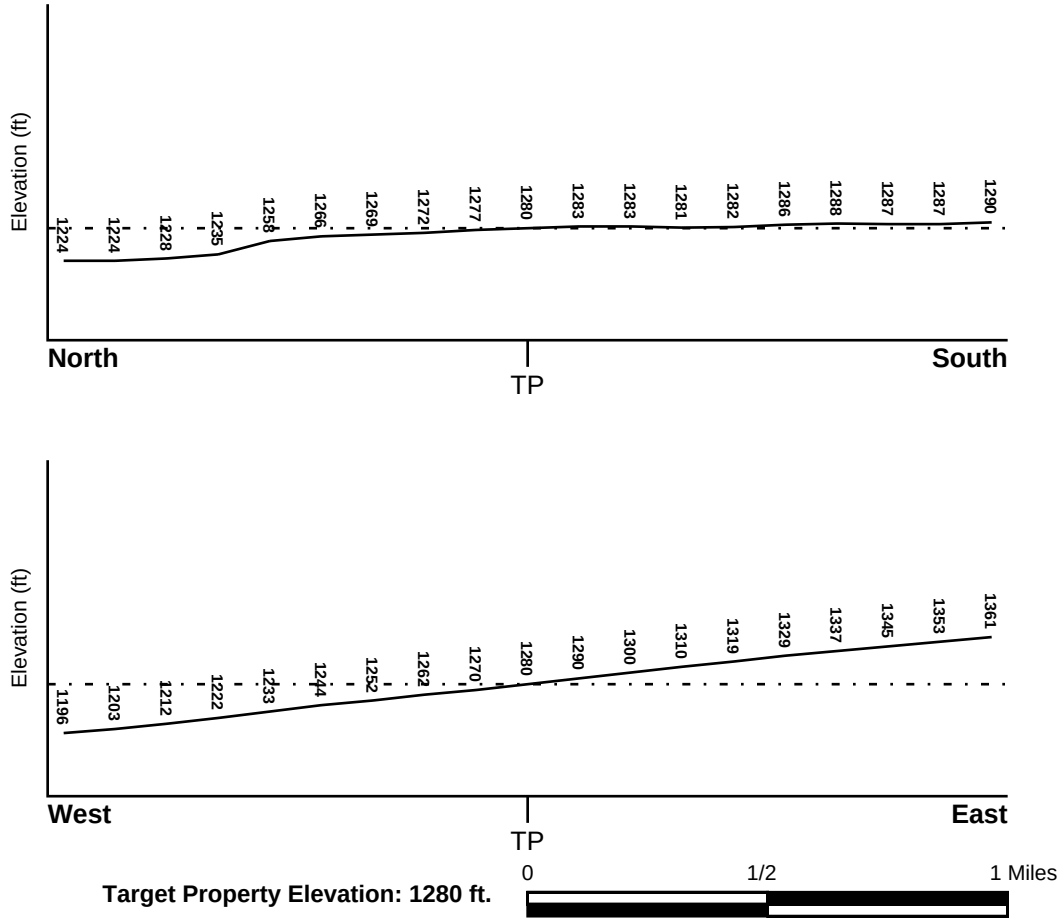
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 1280 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06071C8704H	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06071C8702H	FEMA FIRM Flood data
06071C8708H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

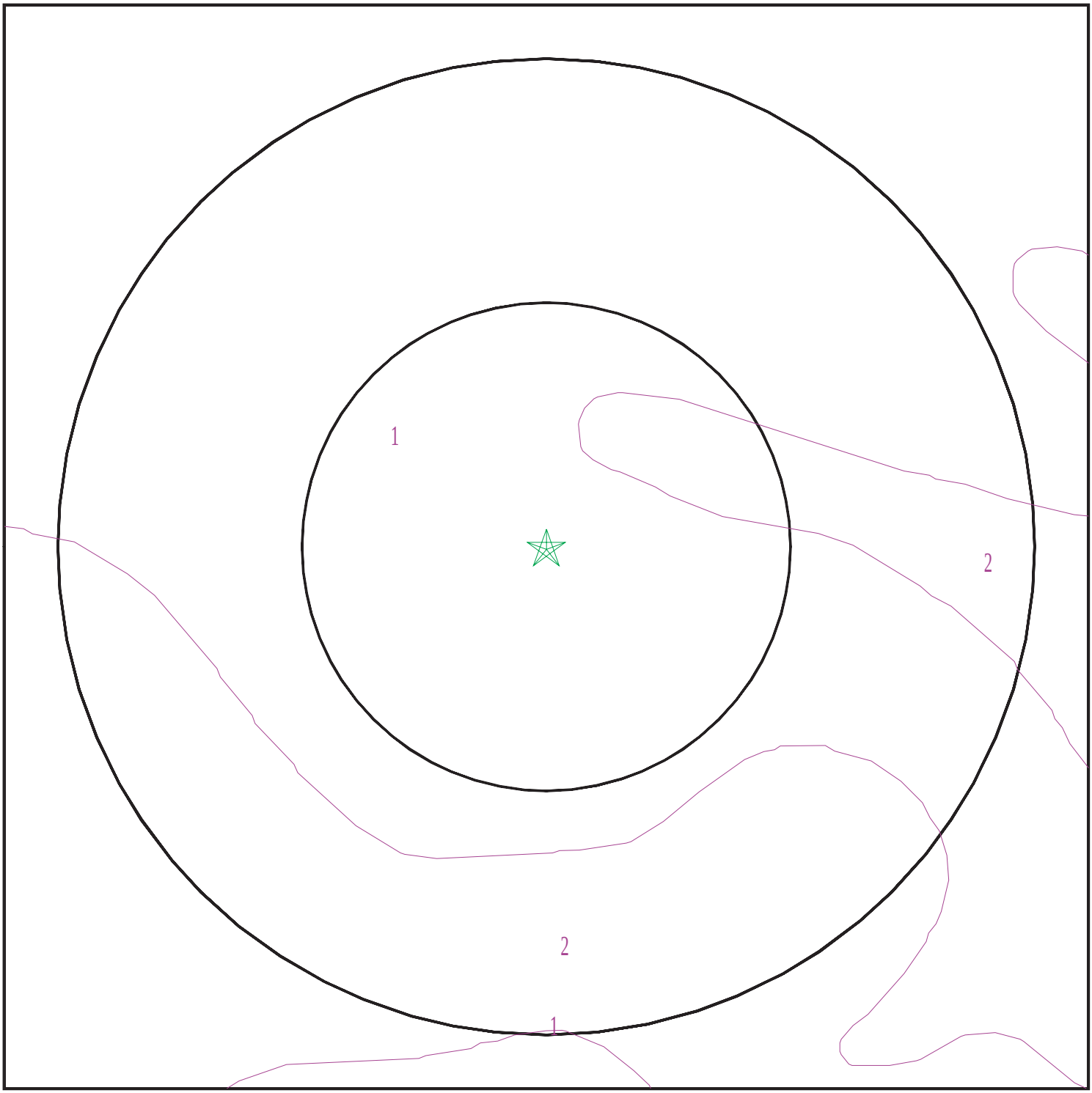
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

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

SSURGO SOIL MAP - 06891882.2r



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	1160 W. Pioneer Avenue	CLIENT:	Petra Geotechnical Inc
ADDRESS:	1160 W. Pioneer Avenue Redlands CA 92374	CONTACT:	Jon Cain
		INQUIRY #:	06891882.2r
LAT/LONG:	34.0819 / 117.1982	DATE:	March 09, 2022 9:01 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: HANFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
2	11 inches	59 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6

Soil Map ID: 2

Soil Component Name: TUJUNGA

Soil Surface Texture: gravelly loamy sand

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

Soil Drainage Class: Somewhat excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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	18 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.1
2	18 inches	59 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.1

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS40000140734	0 - 1/8 Mile SE
B4	USGS40000140745	0 - 1/8 Mile West
5	USGS40000140730	1/8 - 1/4 Mile ESE
C8	USGS40000140733	1/4 - 1/2 Mile East
D11	USGS40000140739	1/4 - 1/2 Mile West
F15	USGS40000140827	1/4 - 1/2 Mile NNW
19	USGS40000140657	1/2 - 1 Mile SW
G20	USGS40000140628	1/2 - 1 Mile SSE
H25	USGS40000140841	1/2 - 1 Mile NE
J28	USGS40000140729	1/2 - 1 Mile East
K30	USGS40000140786	1/2 - 1 Mile WNW
L32	USGS40000140568	1/2 - 1 Mile SSE
K35	USGS40000140787	1/2 - 1 Mile WNW
I36	USGS40000140712	1/2 - 1 Mile ESE
M37	USGS40000140590	1/2 - 1 Mile SSE
M38	USGS40000140589	1/2 - 1 Mile SSE
M39	USGS40000140592	1/2 - 1 Mile SSE
M40	USGS40000140591	1/2 - 1 Mile SSE
M45	USGS40000140583	1/2 - 1 Mile SSE
L50	USGS40000140551	1/2 - 1 Mile SSE
52	USGS40000140538	1/2 - 1 Mile South
N54	USGS40000140701	1/2 - 1 Mile WSW
P59	USGS40000140537	1/2 - 1 Mile SSE
Q62	USGS40000140614	1/2 - 1 Mile SW
Q63	USGS40000140602	1/2 - 1 Mile SW
P64	USGS40000140524	1/2 - 1 Mile SSE
P65	USGS40000140525	1/2 - 1 Mile SSE
R68	USGS40000140559	1/2 - 1 Mile SW
T74	USGS40000140793	1/2 - 1 Mile WNW
U76	USGS40000140508	1/2 - 1 Mile SSW
T78	USGS40000140794	1/2 - 1 Mile WNW
V80	USGS40000140518	1/2 - 1 Mile SSW
W81	USGS40000140557	1/2 - 1 Mile SW
83	USGS40000140588	1/2 - 1 Mile SE
X88	USGS40000140809	1/2 - 1 Mile ENE
Y89	USGS40000140474	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
21	CA3000759	1/2 - 1 Mile SE

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

STATE DATABASE WELL INFORMATION

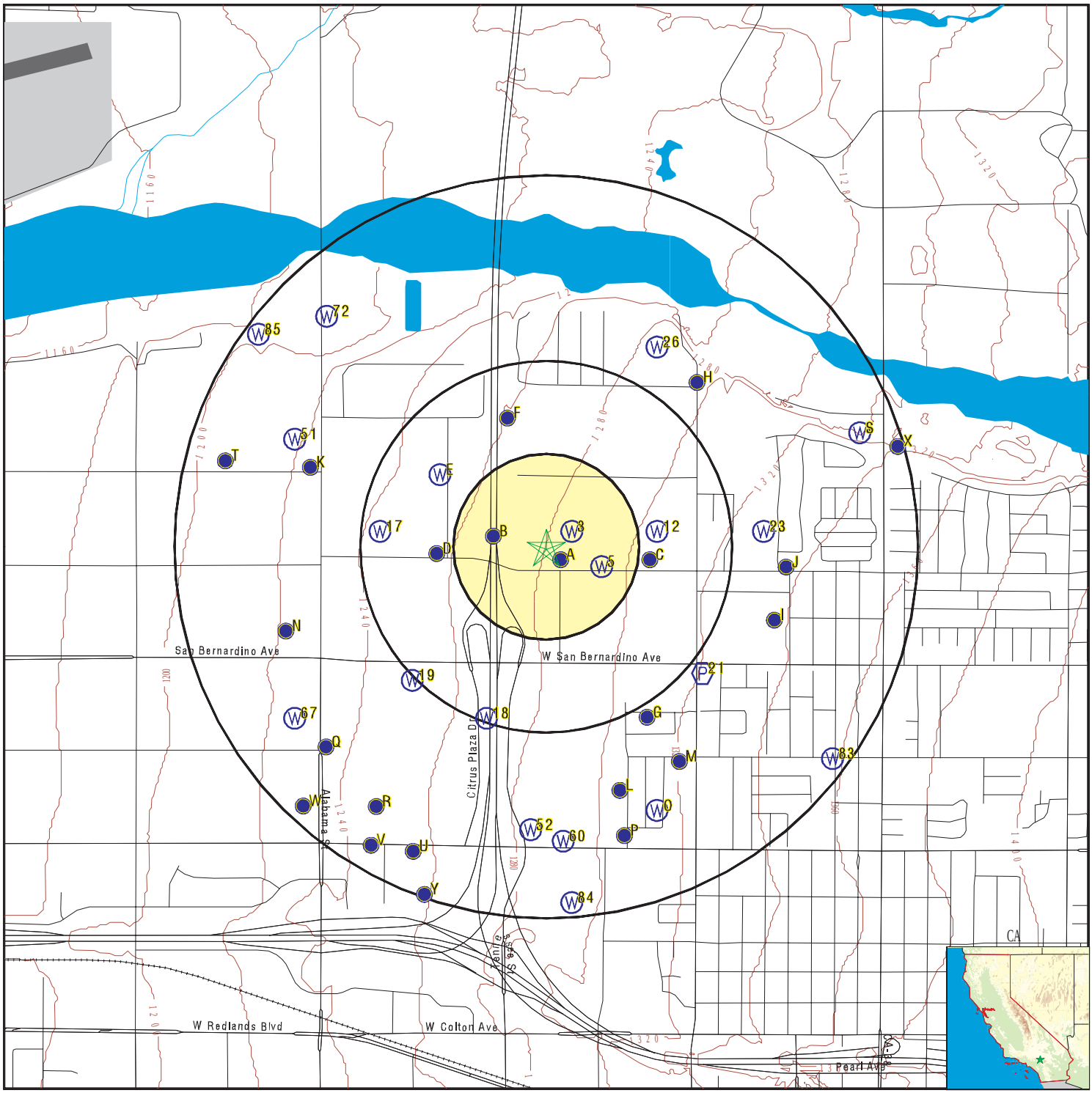
MAP ID	WELL ID	LOCATION FROM TP
A2	CAUSGSN00012213	0 - 1/8 Mile SE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
3	CADWR0000036203	0 - 1/8 Mile ENE
B6	CADWR0000024116	1/8 - 1/4 Mile WNW
B7	CADWR0000032543	1/8 - 1/4 Mile WNW
C9	CAUSGSN00012992	1/4 - 1/2 Mile East
D10	CAUSGSN00003719	1/4 - 1/2 Mile West
12	CADWR0000011045	1/4 - 1/2 Mile East
E13	CADDW0000014763	1/4 - 1/2 Mile NW
F14	CAUSGSN00001221	1/4 - 1/2 Mile NNW
E16	18784	1/4 - 1/2 Mile WNW
17	CADWR0000007430	1/4 - 1/2 Mile West
18	CADWR0000032622	1/4 - 1/2 Mile SSW
G22	CADWR0000037343	1/2 - 1 Mile SSE
23	CADWR0000018197	1/2 - 1 Mile East
H24	CAUSGSN00016637	1/2 - 1 Mile NE
26	CADWR0000018192	1/2 - 1 Mile NNE
I27	CADWR0000025347	1/2 - 1 Mile ESE
J29	CAUSGSN00012838	1/2 - 1 Mile East
K31	CADWR0000006174	1/2 - 1 Mile WNW
L33	CAUSGSN00005086	1/2 - 1 Mile SSE
K34	CAUSGSN00004493	1/2 - 1 Mile WNW
M41	CAUSGSN00002426	1/2 - 1 Mile SSE
M42	CAUSGSN00014188	1/2 - 1 Mile SSE
M43	CADWR9000006638	1/2 - 1 Mile SSE
M44	CADDW0000004193	1/2 - 1 Mile SSE
M46	CAUSGSN00018448	1/2 - 1 Mile SSE
N47	CADWR0000000975	1/2 - 1 Mile WSW
N48	CADWR0000031374	1/2 - 1 Mile WSW
K49	CADWR9000006699	1/2 - 1 Mile WNW
51	CADWR0000015864	1/2 - 1 Mile WNW
N53	CAUSGSN00017827	1/2 - 1 Mile WSW
O55	CADWR0000032561	1/2 - 1 Mile SSE
O56	CADWR0000022998	1/2 - 1 Mile SSE
O57	CADWR0000011134	1/2 - 1 Mile SSE
O58	CADWR0000011042	1/2 - 1 Mile SSE
60	CADPR0000005112	1/2 - 1 Mile South
Q61	CAUSGSN00001888	1/2 - 1 Mile SW
P66	CAUSGSN00013593	1/2 - 1 Mile SSE
67	CADWR0000037282	1/2 - 1 Mile SW
R69	CADWR0000022985	1/2 - 1 Mile SSW
R70	CADWR0000037348	1/2 - 1 Mile SSW
R71	CADWR0000034947	1/2 - 1 Mile SSW
72	CAEDF0000050677	1/2 - 1 Mile NW
S73	815	1/2 - 1 Mile ENE
U75	CAUSGSN00018297	1/2 - 1 Mile SSW
T77	CAUSGSN00002457	1/2 - 1 Mile WNW
S79	CADDW0000005786	1/2 - 1 Mile ENE
V82	CAUSGSN00019035	1/2 - 1 Mile SSW
84	CADWR0000000222	1/2 - 1 Mile South
85	CAEDF0000036533	1/2 - 1 Mile NW
W86	CADWR0000028975	1/2 - 1 Mile SW
X87	CAUSGSN00014803	1/2 - 1 Mile ENE
Y90	CAUSGSN00011123	1/2 - 1 Mile SSW

PHYSICAL SETTING SOURCE MAP - 06891882.2r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- 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

N

SITE NAME:	1160 W. Pioneer Avenue	CLIENT:	Petra Geotechnical Inc
ADDRESS:	1160 W. Pioneer Avenue Redlands CA 92374	CONTACT:	Jon Cain
		INQUIRY #:	06891882.2r
LAT/LONG:	34.0819 / 117.1982	DATE:	March 09, 2022 9:00 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
SE
0 - 1/8 Mile
Higher | **FED USGS** | **USGS40000140734**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W16K001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19360101	Well Depth:	351
Well Depth Units:	ft	Well Hole Depth:	351
Well Hole Depth Units:	ft		

A2
SE
0 - 1/8 Mile
Higher | **CA WELLS** | **CAUSGSN00012213**

Well ID:	USGS-340453117114801	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340453117114801	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340453117114801&store_num=		
GeoTracker Data:	Not Reported		

3
ENE
0 - 1/8 Mile
Higher | **CA WELLS** | **CADWR0000036203**

Well ID:	01S03W16K001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W16K001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W16K001S&store_num=		
GeoTracker Data:	Not Reported		

B4
West
0 - 1/8 Mile
Lower | **FED USGS** | **USGS40000140745**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W16L002S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported

Construction Date:	19290101	Well Depth:	430
Well Depth Units:	ft	Well Hole Depth:	430
Well Hole Depth Units:	ft		

5
ESE **FED USGS** **USGS40000140730**
1/8 - 1/4 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W16K002S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19040101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	256
Well Hole Depth Units:	ft		

B6
WNW **CA WELLS** **CADWR0000024116**
1/8 - 1/4 Mile
Lower

Well ID:	01S03W16L002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W16L002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W16L002S&store_num=		
GeoTracker Data:	Not Reported		

B7
WNW **CA WELLS** **CADWR0000032543**
1/8 - 1/4 Mile
Lower

Well ID:	01S03W16L004S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W16L004S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W16L004S&store_num=		
GeoTracker Data:	Not Reported		

C8
East **FED USGS** **USGS40000140733**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W16J001S	Type:	Well
Description:	Not Reported	HUC:	18070203

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19310101	Well Depth:	388
Well Depth Units:	ft	Well Hole Depth:	400
Well Hole Depth Units:	ft		

C9
East **CA WELLS** **CAUSGSN00012992**
1/4 - 1/2 Mile
Higher

Well ID:	USGS-340453117113301	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340453117113301	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340453117113301&store_num=		
GeoTracker Data:	Not Reported		

D10
West **CA WELLS** **CAUSGSN00003719**
1/4 - 1/2 Mile
Lower

Well ID:	USGS-340454117120902	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340454117120902	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340454117120902&store_num=		
GeoTracker Data:	Not Reported		

D11
West **FED USGS** **USGS40000140739**
1/4 - 1/2 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W16L004S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

12
East
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR0000011045**

Well ID:	01S03W16J001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W16J001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W16J001S&store_num=		
GeoTracker Data:	Not Reported		

E13
NW
1/4 - 1/2 Mile
Lower

CA WELLS **CADDW0000014763**

Well ID:	3610037-054	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	CHURCH STREET WELL	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3610037-054&store_num=		
GeoTracker Data:	Not Reported		

F14
NNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAUSGSN00001221**

Well ID:	USGS-340513117115701	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340513117115701	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340513117115701&store_num=		
GeoTracker Data:	Not Reported		

F15
NNW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000140827**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W16F001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19310101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	400
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E16
WNW
1/4 - 1/2 Mile
Lower

CA WELLS **18784**

Seq:	18784	Prim sta c:	3610037-054
Frds no:	3610037054	County:	36
District:	13	User id:	TAN
System no:	3610037	Water type:	G
Source nam:	CHURCH STREET WELL	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340505.0	Longitude:	1171210.0
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:	3610037	System nam:	Redlands City Mud-Water Div
Hqname:	Not Reported	Address:	PO BOX 3005
City:	REDLANDS	State:	CA
Zip:	92373	Zip ext:	Not Reported
Pop serv:	69300	Connection:	18447
Area serve:	REDLANDS		

Sample date:	15-FEB-18	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	28-DEC-17	Finding:	4.7671
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	30-NOV-17	Finding:	4.8948
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	21-NOV-17	Finding:	4.7321
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	16-NOV-17	Finding:	4.7993
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	07-NOV-17	Finding:	4.8689
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	26-OCT-17	Finding:	4.5855
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	19-OCT-17	Finding:	4.704
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	07-SEP-17	Finding:	4.6647
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	31-AUG-17	Finding:	440.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	31-AUG-17	Finding:	4.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-AUG-17	Finding:	4.6827
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-AUG-17	Finding:	5.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-AUG-17	Finding:	4.5846
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-AUG-17	Finding:	4.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-JUL-17	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-JUL-17	Finding:	4.6017
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JUN-17	Finding:	4.9502
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-MAY-17	Finding:	4.4238
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-MAY-17	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-MAY-17	Finding:	170.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	18-MAY-17	Finding:	2.3e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dlr:	1.e-002		
Sample date:	18-MAY-17	Finding:	280.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAY-17	Finding:	4.3742
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-APR-17	Finding:	0.7
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L

Dlr:	0.1		
Sample date:	20-APR-17	Finding:	32.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	20-APR-17	Finding:	21.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	20-APR-17	Finding:	4.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-APR-17	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	20-APR-17	Finding:	380.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	20-APR-17	Finding:	0.16
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	20-APR-17	Finding:	58.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-APR-17	Finding:	13.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-APR-17	Finding:	14.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-APR-17	Finding:	2.1
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-APR-17	Finding:	6.55
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	20-APR-17	Finding:	0.412
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-APR-17	Finding:	1.06
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-APR-17	Finding:	200.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-17	Finding:	4.4177
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	05-APR-17	Finding:	4.4468
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	30-MAR-17	Finding:	4.41
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-NOV-16	Finding:	4.1994
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-SEP-16	Finding:	4.203
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-SEP-16	Finding:	4.2091
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-SEP-16	Finding:	4.2371
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-SEP-16	Finding:	4.269
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-SEP-16	Finding:	4.3306
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-AUG-16	Finding:	4.3691
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-AUG-16	Finding:	4.4363
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-AUG-16	Finding:	4.4558
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-JUL-16	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-JUL-16	Finding:	400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	07-JUL-16	Finding:	3.5539
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	30-JUN-16	Finding:	4.4085
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-JUN-16	Finding:	2.9635
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	03-MAR-16	Finding:	3.1956
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-JAN-16	Finding:	3.2
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-JAN-16	Finding:	3.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-JAN-16	Finding:	2.9581
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-OCT-15	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-SEP-15	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JUL-15	Finding:	4.2013
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-AUG-14	Finding:	440.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	07-AUG-14	Finding:	8.1
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	07-AUG-14	Finding:	110.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	07-AUG-14	Finding:	140.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	07-AUG-14	Finding:	190.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	07-AUG-14	Finding:	54.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-AUG-14	Finding:	13.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-AUG-14	Finding:	14.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	07-AUG-14	Finding:	1.9
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-AUG-14	Finding:	23.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	07-AUG-14	Finding:	30.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	07-AUG-14	Finding:	0.7
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	07-AUG-14	Finding:	2.9
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-AUG-14	Finding:	2.5e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dlr:	1.e-002		
Sample date:	07-AUG-14	Finding:	240.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	07-AUG-14	Finding:	0.94
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	07-AUG-14	Finding:	7.4e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	07-AUG-14	Finding:	3.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	22-MAY-14	Finding:	20.152
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-SEP-13	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JUL-13	Finding:	20.225
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-MAY-13	Finding:	20.062
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-JAN-13	Finding:	23.838
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-JAN-13	Finding:	20.716
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	10-JAN-13	Finding:	20.132
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JAN-13	Finding:	4600.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-JAN-13	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-NOV-12	Finding:	20.676
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-NOV-12	Finding:	20.099
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-OCT-12	Finding:	20.021
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-OCT-12	Finding:	20.003
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-SEP-12	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-SEP-12	Finding:	20.852
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-AUG-12	Finding:	21.062
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-AUG-12	Finding:	20.82
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-AUG-12	Finding:	21.085
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-AUG-12	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-AUG-12	Finding:	5200.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-12	Finding:	21.667
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	12-JUL-12	Finding:	21.071
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-JUL-12	Finding:	21.871
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JUL-12	Finding:	2.9
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-JUL-12	Finding:	0.19
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	03-JUL-12	Finding:	3.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-JUL-12	Finding:	5.2
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	31-MAY-12	Finding:	22.243
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-MAY-12	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-MAY-12	Finding:	22.402
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-MAY-12	Finding:	23.966
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-MAY-12	Finding:	24.025
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-APR-12	Finding:	24.12
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-APR-12	Finding:	24.113
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

17
West
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000007430**

Well ID:	01S03W16M001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W16M001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W16M001S&store_num=		

GeoTracker Data: Not Reported

18
SSW **CA WELLS** **CADWR0000032622**
1/4 - 1/2 Mile
Lower

Well ID:	01S03W21C001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W21C001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W21C001S&store_num=		
GeoTracker Data:	Not Reported		

19
SW **FED USGS** **USGS40000140657**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W21C001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	167
Well Depth Units:	ft	Well Hole Depth:	167
Well Hole Depth Units:	ft		

G20
SSE **FED USGS** **USGS40000140628**
1/2 - 1 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W21A001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19480101	Well Depth:	338
Well Depth Units:	ft	Well Hole Depth:	350
Well Hole Depth Units:	ft		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

21
SE
1/2 - 1 Mile
Higher | **FRDS PWS** | **CA3000759**

Epa region:	09	State:	CA
Pwsid:	CA3000759	Pwsname:	CANYON RV PARK
Cityserved:	Not Reported	Stateserved:	CA
Zipserved:	Not Reported	Fipscounty:	06059
Status:	Active	Retpopsrvd:	278
Pwssvcconn:	150	Psource longname:	Groundwater
Pwstype:	NTNCWS	Owner:	Local_Govt
Contact:	BUSCH, DANA ST. CLAIR	Contactorgname:	BUSCH, DANA ST. CLAIR
Contactphone:	714-963-7466	Contactaddress1:	10101 SLATER AVE. #234
Contactaddress2:	Not Reported	Contactcity:	FOUNTAIN VALLEY
Contactstate:	CA	Contactzip:	92708
Pwsactivitycode:	A		

Pwsid:	CA3000759	Facid:	632
Facname:	WELL CHLORINATION	XCLD	
Factype:	Treatment_plant	Facactivitycode:	A
Trtobjective:	disinfection	Trtprocess:	hypochlorination, post
Factypecode:	TP		

PWS ID:	CA3000759	PWS type:	System Owner/Responsible Party
PWS name:	FEATHERLY REGIONAL PARK	PWS address:	Not Reported
PWS city:	ANAHEIM	PWS state:	CA
PWS zip:	92806	PWS name:	Canyon RV Park
PWS type code:	NTNC	Retail population served:	363
Contact:	Dana St. Clair Busch	Contact address:	10101 Slater Ave. #234
Contact address:	Fountain Valley	Contact city:	CA
Contact state:	92	Contact zip:	7149637466
Contact telephone:	Not Reported		

PWS ID:	CA3000759	Activity status:	Active
Date system activated:	8404	Date system deactivated:	Not Reported
Retail population:	00000500	System name:	CANYON RV PARK
System address:	FEATHERLY REGIONAL PARK	System address:	24001 SANTA ANA CYN RD
System city:	ANAHEIM	System state:	CA
System zip:	92808		

Population served:	101 - 500 Persons	Treatment:	Untreated

Latitude:	340437	Longitude:	1171124

Violation id:	508005	Orig code:	S
State:	CA	Violation Year:	2005
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	21	Violation name:	MCL, Acute (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/2005
Cmp edt:	01/31/2005		

Violation id:	508006	Orig code:	S
State:	CA	Violation Year:	2005
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	24	Violation name:	Monitoring, Routine Minor (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported

State mcl:	Not Reported	Cmp bdt:	02/01/2005
Cmp edt:	02/28/2005		

Violation id:	808008	Orig code:	S
State:	CA	Violation Year:	2008
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	21	Violation name:	MCL, Acute (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	05/01/2008
Cmp edt:	05/31/2008		

Violation ID:	508005	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	02/23/2005
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal

Violation ID:	508005	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	03/30/2005
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

Violation ID:	508006	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	03/30/2005
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

Violation ID:	508006	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	04/05/2005
Enforcement Detail:	St Public Notif issued	Enforcement Category:	Informal

Violation ID:	808008	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	06/25/2008
Enforcement Detail:	St Public Notif issued	Enforcement Category:	Informal

Violation ID:	808008	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	06/25/2008
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

PWS name:	Canyon RV Park	Population served:	363
PWS type code:	NTNC	Violation ID:	0508005
Contaminant:	COLIFORM (TCR)	Violation type:	Max Contaminant Level, Acute (TCR)
Compliance start date:	1/1/2005 0:00:00	Compliance end date:	1/31/2005 0:00:00
Enforcement date:	2/23/2005 0:00:00	Enforcement action:	State Boil Water Order
Violation measurement:	Not Reported		

PWS name:	Canyon RV Park	Population served:	363
PWS type code:	NTNC	Violation ID:	0508006
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Minor (TCR)
Compliance start date:	2/1/2005 0:00:00	Compliance end date:	2/28/2005 0:00:00
Enforcement date:	4/5/2005 0:00:00	Enforcement action:	State Public Notif Issued
Violation measurement:	Not Reported		

PWS name:	Canyon RV Park	Population served:	363
PWS type code:	NTNC	Violation ID:	0808008
Contaminant:	COLIFORM (TCR)	Violation type:	Max Contaminant Level, Acute (TCR)
Compliance start date:	5/1/2008 0:00:00	Compliance end date:	5/31/2008 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G22
SSE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000037343**

Well ID:	01S03W21A001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W21A001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W21A001S&store_num=		
GeoTracker Data:	Not Reported		

23
East
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000018197**

Well ID:	01S03W15M003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W15M003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W15M003S&store_num=		
GeoTracker Data:	Not Reported		

H24
NE
1/2 - 1 Mile
Higher

CA WELLS **CAUSGSN00016637**

Well ID:	USGS-340518117112501	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340518117112501	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340518117112501&store_num=		
GeoTracker Data:	Not Reported		

H25
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000140841**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W16A001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19490101	Well Depth:	395
Well Depth Units:	ft	Well Hole Depth:	418
Well Hole Depth Units:	ft		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

26
NNE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000018192**

Well ID:	01S03W16A001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W16A001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W16A001S&store_num=		
GeoTracker Data:	Not Reported		

I27
ESE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000025347**

Well ID:	01S03W15N001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W15N001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W15N001S&store_num=		
GeoTracker Data:	Not Reported		

J28
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000140729**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W15M003S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19300101	Well Depth:	382
Well Depth Units:	ft	Well Hole Depth:	396
Well Hole Depth Units:	ft		

J29
East
1/2 - 1 Mile
Higher

CA WELLS **CAUSGSN00012838**

Well ID:	USGS-340452117111001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340452117111001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340452117111001&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K30
WNW
1/2 - 1 Mile
Lower | **FED USGS** | **USGS40000140786**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W17H001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19260908	Well Depth:	182.5
Well Depth Units:	ft	Well Hole Depth:	220
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	166	Level reading date:	2004-10-25
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The site was dry (no water level recorded).		

Level reading date:	2004-04-20	Feet below surface:	Not Reported
Feet to sea level:	Not Reported		
Note:	The site was dry (no water level recorded).		

Level reading date:	2003-10-23	Feet below surface:	Not Reported
Feet to sea level:	Not Reported		
Note:	The site was dry (no water level recorded).		

Level reading date:	2003-04-22	Feet below surface:	Not Reported
Feet to sea level:	Not Reported		
Note:	The site was dry (no water level recorded).		

Level reading date:	2002-10-30	Feet below surface:	Not Reported
Feet to sea level:	Not Reported		
Note:	The site was dry (no water level recorded).		

Level reading date:	2002-04-08	Feet below surface:	161.42
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-10-23	Feet below surface:	159.13
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer had been pumped recently.		

Level reading date:	2001-04-16	Feet below surface:	142.00
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-10-24	Feet below surface:	145.56
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-04-12	Feet below surface:	130.68
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1999-10-18	Feet below surface:	130.62
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1999-04-14	Feet below surface:	117.94
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1998-10-19	Feet below surface:	123.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-14	Feet below surface:	124.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-10-27	Feet below surface:	141.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-14	Feet below surface:	129.56
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1996-10-07	Feet below surface:	138.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-04-22	Feet below surface:	125.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-10-24	Feet below surface:	135.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-04-18	Feet below surface:	126.31
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-10-25	Feet below surface:	154.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-04-20	Feet below surface:	142.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-10-19	Feet below surface:	153.14
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1993-04-12	Feet below surface:	144.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-10-29	Feet below surface:	175.07
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1992-06-12	Feet below surface:	164.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-11-27	Feet below surface:	167.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-06-17	Feet below surface:	156.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-12-03	Feet below surface:	154.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-06-25	Feet below surface:	144.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-11-28	Feet below surface:	140.71
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1989-09-21	Feet below surface:	138.46

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1988-11-22	Feet below surface:	125.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1988-07-06	Feet below surface:	117.07
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1987-12-08	Feet below surface:	106.07
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1987-06-17	Feet below surface:	100.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1986-11-20	Feet below surface:	98.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1986-06-19	Feet below surface:	88.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1986-01-15	Feet below surface:	84.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963-05-29	Feet below surface:	198.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963-04-26	Feet below surface:	198.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963-03-20	Feet below surface:	200.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963-02-28	Feet below surface:	204.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1962-10-25	Feet below surface:	199.3
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was flowing.		
Level reading date:	1962-09-18	Feet below surface:	196.2
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was flowing.		
Level reading date:	1962-07-25	Feet below surface:	184.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1962-06-28	Feet below surface:	184.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1962-05-28	Feet below surface:	183.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1962-04-16	Feet below surface:	180.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1962-03-26	Feet below surface:	180.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1962-03-01	Feet below surface:	186.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1962-01-16	Feet below surface:	186.5

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1961-12-21	Feet below surface:	178.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1961-09-28	Feet below surface:	193.3
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1961-08-10	Feet below surface:	192.9
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1961-07-13	Feet below surface:	192.1
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1961-06-15	Feet below surface:	188.3
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1961-05-25	Feet below surface:	188.1
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1961-04-16	Feet below surface:	184.6
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1961-03-13	Feet below surface:	187.8
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1961-02-20	Feet below surface:	173.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1961-01-25	Feet below surface:	184.5
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1960-12-27	Feet below surface:	182.7
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1960-11-25	Feet below surface:	183.0
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1960-10-05	Feet below surface:	188.1
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1960-07-05	Feet below surface:	168.5
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1960-03-24	Feet below surface:	152.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1960-02-03	Feet below surface:	155.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1959-08-06	Feet below surface:	161.1
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1959-06-10	Feet below surface:	154.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1959-04-14	Feet below surface:	147.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1959-03-13	Feet below surface:	143.8
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1958-12-20	Feet below surface:	157.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-11-13	Feet below surface:	149.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-09-10	Feet below surface:	144.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-07-19	Feet below surface:	128.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-06-12	Feet below surface:	128.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-05-09	Feet below surface:	131.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-04-10	Feet below surface:	144.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-03-10	Feet below surface:	152.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-02-10	Feet below surface:	155.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-01-11	Feet below surface:	158.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1957-11-07	Feet below surface:	163.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1957-03-21	Feet below surface:	147.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1957-02-20	Feet below surface:	150.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1956-09-18	Feet below surface:	161.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1956-01-17	Feet below surface:	150.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1955-12-06	Feet below surface:	148.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1955-09-08	Feet below surface:	167.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1955-08-05	Feet below surface:	185.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1955-07-08	Feet below surface:	197.2
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1955-06-09	Feet below surface:	175.5
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1955-05-04	Feet below surface:	157.8
Feet to sea level:	Not Reported	Note:	The site was being pumped.

Level reading date:	1954-04-17	Feet below surface:	119.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1954-02-09	Feet below surface:	128.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1953-12-31	Feet below surface:	140.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1953-10-26	Feet below surface:	135.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1952-05-09	Feet below surface:	97.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1952-03-12	Feet below surface:	111.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1952-01-23	Feet below surface:	118.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1951-08-06	Feet below surface:	121.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1951-05-10	Feet below surface:	111.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1951-03-06	Feet below surface:	106.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1950-03-07	Feet below surface:	90.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1950-01-09	Feet below surface:	95.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1949-11-01	Feet below surface:	99.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1949-09-08	Feet below surface:	97.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1949-06-03	Feet below surface:	89.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1949-03-28	Feet below surface:	80.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1948-12-18	Feet below surface:	88.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1948-07-09	Feet below surface:	82.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1948-05-27	Feet below surface:	82.7
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1948-04-20	Feet below surface:	78.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1948-03-15	Feet below surface:	75.5
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1948-01-24	Feet below surface:	76.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1947-10-24	Feet below surface:	78.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1947-08-30	Feet below surface:	87.2
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1947-07-17	Feet below surface:	85.1
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1947-04-12	Feet below surface:	65.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1947-01-24	Feet below surface:	59.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1946-10-10	Feet below surface:	83.1
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1946-07-05	Feet below surface:	67.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1946-04-16	Feet below surface:	57.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1945-03-29	Feet below surface:	51.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1945-01-09	Feet below surface:	57.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1945-01-04	Feet below surface:	58.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-03-31	Feet below surface:	52.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-01-04	Feet below surface:	60.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-04-03	Feet below surface:	51.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-01-06	Feet below surface:	65.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-09-30	Feet below surface:	69.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-07-04	Feet below surface:	63.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-04-06	Feet below surface:	54.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-12-29	Feet below surface:	55.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-09-29	Feet below surface:	62.5
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1941-07-30	Feet below surface:	58.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-04-28	Feet below surface:	49.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-04-04	Feet below surface:	51.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-01-04	Feet below surface:	65.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-09-30	Feet below surface:	85.4
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1940-07-03	Feet below surface:	66.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-03-22	Feet below surface:	57.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-02-27	Feet below surface:	59.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-01-02	Feet below surface:	66.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-11-29	Feet below surface:	68.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-10-31	Feet below surface:	68.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-09-28	Feet below surface:	69.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-07-31	Feet below surface:	67.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-03-30	Feet below surface:	59.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-02-25	Feet below surface:	60.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-01-03	Feet below surface:	64.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1938-07-16	Feet below surface:	76.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1935-07-19	Feet below surface:	97.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1935-04-16	Feet below surface:	90.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1935-02-26	Feet below surface:	94.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1935-01-12	Feet below surface:	99.0
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1934-10-24	Feet below surface:	104.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1932-12-16	Feet below surface:	87.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1932-11-15	Feet below surface:	99.0
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1932-09-12	Feet below surface:	87.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1932-07-12	Feet below surface:	87.4
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1932-05-11	Feet below surface:	76.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1932-03-11	Feet below surface:	80.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1932-02-15	Feet below surface:	86.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1932-01-14	Feet below surface:	88.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1931-12-10	Feet below surface:	92.7
Feet to sea level:	Not Reported	Note:	Not Reported

K31
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000006174**

Well ID:	01S03W17H001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W17H001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W17H001S&store_num=		
GeoTracker Data:	Not Reported		

L32
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS40000140568**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W21H001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19290101	Well Depth:	426
Well Depth Units:	ft	Well Hole Depth:	426
Well Hole Depth Units:	ft		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L33
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAUSGSN00005086**

Well ID:	USGS-340422117113801	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340422117113801	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340422117113801&store_num=		
GeoTracker Data:	Not Reported		

K34
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00004493**

Well ID:	USGS-340506117123001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340506117123001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340506117123001&store_num=		
GeoTracker Data:	Not Reported		

K35
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000140787**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W17H008S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin 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		

I36
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40000140712**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W15N001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported

Construction Date:	19270101	Well Depth:	249
Well Depth Units:	ft	Well Hole Depth:	271
Well Hole Depth Units:	ft		

M37
SSE **FED USGS** **USGS40000140590**
1/2 - 1 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	HOLE-01 LYSIMETER AT 60		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin 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		

M38
SSE **FED USGS** **USGS40000140589**
1/2 - 1 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	HOLE-01 LYSIMETER AT 30		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin 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		

M39
SSE **FED USGS** **USGS40000140592**
1/2 - 1 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	HOLE-01 LYSIMETER AT 187		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin 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

M40
SSE **FED USGS** **USGS40000140591**
1/2 - 1 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	HOLE-01 LYSIMETER AT 110		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin 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		

M41
SSE **CA WELLS** **CAUSGSN00002426**
1/2 - 1 Mile
Higher

Well ID:	USGS-340425117112801	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340425117112801	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340425117112801&store_num=		
GeoTracker Data:	Not Reported		

M42
SSE **CA WELLS** **CAUSGSN00014188**
1/2 - 1 Mile
Higher

Well ID:	USGS-340425117112804	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340425117112804	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340425117112804&store_num=		
GeoTracker Data:	Not Reported		

M43
SSE **CA WELLS** **CADWR9000006638**
1/2 - 1 Mile
Higher

State Well #:	01S03W21H007S	Station ID:	46645
Well Name:	Well #31A	Basin Name:	San Bernardino
Well Use:	Residential	Well Type:	Single Well
Well Depth:	743	Well Completion Rpt #:	NA

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M44
SSE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000004193**

Well ID:	3610037-044	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 31A - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3610037-044&store_num=		
GeoTracker Data:	Not Reported		

M45
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS40000140583**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W21H007S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	723
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

M46
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAUSGSN00018448**

Well ID:	USGS-340424117112801	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340424117112801	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340424117112801&store_num=		
GeoTracker Data:	Not Reported		

N47
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000000975**

Well ID:	01S03W17R002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W17R002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W17R002S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N48
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000031374**

Well ID:	01S03W17R001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W17R001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W17R001S&store_num=		
GeoTracker Data:	Not Reported		

K49
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000006699**

State Well #:	01S03W17H001S	Station ID:	6588
Well Name:	Not Reported	Basin Name:	San Bernardino
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

L50
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS40000140551**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W21H002S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	233
Well Depth Units:	ft	Well Hole Depth:	233
Well Hole Depth Units:	ft		

51
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000015864**

Well ID:	01S03W17H003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W17H003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W17H003S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

52
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000140538**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W21G001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19270101	Well Depth:	262
Well Depth Units:	ft	Well Hole Depth:	274
Well Hole Depth Units:	ft		

N53
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00017827**

Well ID:	USGS-340442117123601	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340442117123601	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340442117123601&store_num=		
GeoTracker Data:	Not Reported		

N54
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000140701**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W17R001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19130101	Well Depth:	360
Well Depth Units:	ft	Well Hole Depth:	360
Well Hole Depth Units:	ft		

O55
SSE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000032561**

Well ID:	01S03W21H001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W21H001S	GAMA PFAS Testing:	Not Reported

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W21H001S&store_num=
GeoTracker Data: Not Reported

O56
SSE **CA WELLS** **CADWR0000022998**
1/2 - 1 Mile
Higher

Well ID:	01S03W21H002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W21H002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W21H002S&store_num=		
GeoTracker Data:	Not Reported		

O57
SSE **CA WELLS** **CADWR0000011134**
1/2 - 1 Mile
Higher

Well ID:	01S03W21H007S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W21H007S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W21H007S&store_num=		
GeoTracker Data:	Not Reported		

O58
SSE **CA WELLS** **CADWR0000011042**
1/2 - 1 Mile
Higher

Well ID:	01S03W21H003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W21H003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W21H003S&store_num=		
GeoTracker Data:	Not Reported		

P59
SSE **FED USGS** **USGS40000140537**
1/2 - 1 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W21H003S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19130101	Well Depth:	237

Well Depth Units:	ft	Well Hole Depth:	237
Well Hole Depth Units:	ft		

60
South **CA WELLS** **CADPR0000005112**
1/2 - 1 Mile
Higher

Well ID:	85208	Well Type:	UNK
Source:	Department of Pesticide Regulation		
Other Name:	85208	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DPR&samp_date=&global_id=&assigned_name=85208&store_num=		
GeoTracker Data:	Not Reported		

Q61
SW **CA WELLS** **CAUSGSN00001888**
1/2 - 1 Mile
Lower

Well ID:	USGS-340426117122701	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340426117122701	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340426117122701&store_num=		
GeoTracker Data:	Not Reported		

Q62
SW **FED USGS** **USGS40000140614**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W20A001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19030101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	195
Well Hole Depth Units:	ft		

Q63
SW **FED USGS** **USGS40000140602**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W21E005S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin 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		

P64
SSE **FED USGS** **USGS40000140524**
1/2 - 1 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W21H005S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	412
Well Depth Units:	ft	Well Hole Depth:	480
Well Hole Depth Units:	ft		

P65
SSE **FED USGS** **USGS40000140525**
1/2 - 1 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W21H006S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19580101	Well Depth:	500
Well Depth Units:	ft	Well Hole Depth:	500
Well Hole Depth Units:	ft		

P66
SSE **CA WELLS** **CAUSGSN00013593**
1/2 - 1 Mile
Higher

Well ID:	USGS-340414117113702	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340414117113702	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340414117113702&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

67
SW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000037282**

Well ID:	01S03W20A001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W20A001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W20A001S&store_num=		
GeoTracker Data:	Not Reported		

R68
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000140559**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W21E003S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19110101	Well Depth:	306
Well Depth Units:	ft	Well Hole Depth:	306
Well Hole Depth Units:	ft		

R69
SSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000022985**

Well ID:	01S03W21E006S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W21E006S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W21E006S&store_num=		
GeoTracker Data:	Not Reported		

R70
SSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000037348**

Well ID:	01S03W21E001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W21E001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W21E001S&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

R71
SSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000034947**

Well ID:	01S03W21E005S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W21E005S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W21E005S&store_num=		
GeoTracker Data:	Not Reported		

72
NW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000050677**

Well ID:	L10004733296-B-1C	Well Type:	MONITORING
Source:	EDF	Other Name:	B-1C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10004733296&assigned_name=B-1C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10004733296&assigned_name=B-1C		

S73
ENE
1/2 - 1 Mile
Higher

CA WELLS **815**

Seq:	815	Prim sta c:	01S/03W-15F02 S
Frds no:	3610037029	County:	36
District:	13	User id:	TAN
System no:	3610037	Water type:	G
Source nam:	ORANGE STREET WELL - INACTIVE	Station ty:	WELL/AMBNT
Latitude:	340511.0	Longitude:	1171059.0
Precision:	3	Status:	IR
Comment 1:	CHLORINATED	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:	3610037	System nam:	Redlands City Mud-Water Div
Hqname:	Not Reported	Address:	PO BOX 3005
City:	REDLANDS	State:	CA
Zip:	92373	Zip ext:	Not Reported
Pop serv:	69300	Connection:	18447
Area serve:	REDLANDS		

Sample date:	15-FEB-18	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	01-FEB-18	Finding:	0.8054
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	30-NOV-17	Finding:	1.1697
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-NOV-17	Finding:	1.1317
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-NOV-17	Finding:	1.1235
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-NOV-17	Finding:	1.1523
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-OCT-17	Finding:	1.0924
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-OCT-17	Finding:	1.0948
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-OCT-17	Finding:	1.0697
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-SEP-17	Finding:	1.1258
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-AUG-17	Finding:	280.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	31-AUG-17	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-AUG-17	Finding:	0.9874
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-AUG-17	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-AUG-17	Finding:	0.9981
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-AUG-17	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-JUL-17	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-JUL-17	Finding:	0.9945
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	06-JUL-17	Finding:	0.9766
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JUN-17	Finding:	0.9823
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-17	Finding:	1.1318
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-MAY-17	Finding:	1.0686
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-MAY-17	Finding:	97.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-MAY-17	Finding:	190.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-MAY-17	Finding:	120.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAY-17	Finding:	1.1139
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-APR-17	Finding:	2.2
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-APR-17	Finding:	13.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-APR-17	Finding:	6.7
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-APR-17	Finding:	35.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-APR-17	Finding:	120.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	20-APR-17	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	20-APR-17	Finding:	15.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	20-APR-17	Finding:	15.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	20-APR-17	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-APR-17	Finding:	7.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	20-APR-17	Finding:	230.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	20-APR-17	Finding:	0.55
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-APR-17	Finding:	1.06
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-APR-17	Finding:	1.0025
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-17	Finding:	1.0665
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	30-MAR-17	Finding:	1.04
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-MAR-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-17	Finding:	0.9271
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-JAN-17	Finding:	0.9093
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-NOV-16	Finding:	0.9801
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-NOV-16	Finding:	0.9681
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-SEP-16	Finding:	1.027
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-SEP-16	Finding:	0.9883
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	15-SEP-16	Finding:	0.991
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-SEP-16	Finding:	0.996
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-SEP-16	Finding:	0.9809
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-AUG-16	Finding:	0.9784
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-AUG-16	Finding:	0.979
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-AUG-16	Finding:	0.9339
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-JUL-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-JUL-16	Finding:	260.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	07-JUL-16	Finding:	0.9125
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	30-JUN-16	Finding:	0.9236
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	23-JUN-16	Finding:	0.9016
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-JUN-16	Finding:	0.8742
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-MAY-16	Finding:	0.7991
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-APR-16	Finding:	0.926
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-APR-16	Finding:	0.8963
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	03-MAR-16	Finding:	0.877
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-FEB-16	Finding:	0.849
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-OCT-15	Finding:	4.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-SEP-15	Finding:	4.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-SEP-15	Finding:	4.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-AUG-15	Finding:	3.9901
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-AUG-15	Finding:	3.9551
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-AUG-15	Finding:	3.8634
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JUL-15	Finding:	0.9095
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-JUL-15	Finding:	4.026
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-JUN-15	Finding:	3.225
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JUN-15	Finding:	3.672
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-MAY-15	Finding:	4.154
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-MAY-15	Finding:	3.562
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-APR-15	Finding:	3.686
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-MAR-15	Finding:	4.689
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	05-MAR-15	Finding:	4.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-FEB-15	Finding:	4.66
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-15	Finding:	4.227
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JAN-15	Finding:	4.68
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-DEC-14	Finding:	4.798
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-DEC-14	Finding:	4.779
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-DEC-14	Finding:	4.797
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-DEC-14	Finding:	4.409
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-NOV-14	Finding:	4.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-NOV-14	Finding:	5.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-OCT-14	Finding:	5.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-OCT-14	Finding:	4.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-OCT-14	Finding:	4.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-OCT-14	Finding:	5.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-OCT-14	Finding:	5.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	25-SEP-14	Finding:	5.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-SEP-14	Finding:	5.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-SEP-14	Finding:	5.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-SEP-14	Finding:	5.075
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-AUG-14	Finding:	5.301
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-AUG-14	Finding:	4.923
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-AUG-14	Finding:	4.985
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-AUG-14	Finding:	4.973
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-JUL-14	Finding:	5.086
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-JUL-14	Finding:	5.325
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUL-14	Finding:	5.155
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-JUL-14	Finding:	4.958
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JUL-14	Finding:	1200.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-JUL-14	Finding:	3.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-JUL-14	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	03-JUL-14	Finding:	7.6e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU

Dlr:	0.1		
Sample date:	03-JUL-14	Finding:	5.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JUL-14	Finding:	0.42
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	03-JUL-14	Finding:	180.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JUL-14	Finding:	4.2
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	03-JUL-14	Finding:	0.39
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	03-JUL-14	Finding:	16.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	03-JUL-14	Finding:	12.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JUL-14	Finding:	2.2
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JUL-14	Finding:	12.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JUL-14	Finding:	6.4
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JUL-14	Finding:	34.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JUL-14	Finding:	110.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JUL-14	Finding:	110.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JUL-14	Finding:	88.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JUL-14	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		

Sample date:	03-JUL-14	Finding:	290.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	03-JUL-14	Finding:	3.2
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	26-JUN-14	Finding:	5.024
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-JUN-14	Finding:	5.219
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-JUN-14	Finding:	5.031
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-JUN-14	Finding:	4.973
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-MAY-14	Finding:	4.958
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-MAY-14	Finding:	5.05
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-MAY-14	Finding:	4.893
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-APR-14	Finding:	4.382
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-MAR-14	Finding:	5.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-FEB-14	Finding:	5.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-JAN-14	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JAN-14	Finding:	5.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-DEC-13	Finding:	4.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-DEC-13	Finding:	1000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	21-OCT-13	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-OCT-13	Finding:	5.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-OCT-13	Finding:	5.924
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-SEP-13	Finding:	5.24
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-SEP-13	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-SEP-13	Finding:	5.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-SEP-13	Finding:	5.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-SEP-13	Finding:	5.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-AUG-13	Finding:	5.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-AUG-13	Finding:	5.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-AUG-13	Finding:	3.317
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-AUG-13	Finding:	5.579
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-JUL-13	Finding:	5.846
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-JUL-13	Finding:	6.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-JUL-13	Finding:	5.492
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	03-JUL-13	Finding:	5.86
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-JUN-13	Finding:	5.378
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-JUN-13	Finding:	5.633
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-JUN-13	Finding:	5.695
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JUN-13	Finding:	5.752
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-MAY-13	Finding:	5.58
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-MAY-13	Finding:	5.573
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-MAY-13	Finding:	4.747
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-MAY-13	Finding:	5.48
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-APR-13	Finding:	5.525
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-APR-13	Finding:	5.681
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-APR-13	Finding:	5.433
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-APR-13	Finding:	5.482
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-MAR-13	Finding:	5.154
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-FEB-13	Finding:	5.522
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-FEB-13	Finding:	5.634
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	23-JAN-13	Finding:	5.391
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-JAN-13	Finding:	4.547
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-JAN-13	Finding:	5.596
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JAN-13	Finding:	1200.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-JAN-13	Finding:	5.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-DEC-12	Finding:	3.141
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-DEC-12	Finding:	5.319
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-DEC-12	Finding:	5.22
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-NOV-12	Finding:	3.427
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-NOV-12	Finding:	4.975
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-NOV-12	Finding:	5.084
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-NOV-12	Finding:	5.095
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-OCT-12	Finding:	5.397
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-OCT-12	Finding:	4.907
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-OCT-12	Finding:	770.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	04-OCT-12	Finding:	3.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-SEP-12	Finding:	5.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-SEP-12	Finding:	5.351
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-AUG-12	Finding:	5.479
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-AUG-12	Finding:	5.356
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-AUG-12	Finding:	5.404
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-AUG-12	Finding:	1300.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-AUG-12	Finding:	5.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-AUG-12	Finding:	4.415
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-JUL-12	Finding:	5.276
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-JUL-12	Finding:	5.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-JUL-12	Finding:	4.65
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-JUL-12	Finding:	5.128
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-JUN-12	Finding:	0.12
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	14-JUN-12	Finding:	3.
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-JUN-12	Finding:	7.3
Chemical:	GROSS ALPHA	Report units:	PCI/L

Dlr:	3.		
Sample date:	14-JUN-12	Finding:	3.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-JUN-12	Finding:	5.209
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	31-MAY-12	Finding:	4.829
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-MAY-12	Finding:	5.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-MAY-12	Finding:	4.614
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-MAY-12	Finding:	4.398
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-MAY-12	Finding:	4.308
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-APR-12	Finding:	4.182
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-APR-12	Finding:	4.113
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-APR-12	Finding:	4.036
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-APR-12	Finding:	4.065
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-MAR-12	Finding:	3.915
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-MAR-12	Finding:	3.956
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-FEB-12	Finding:	3.358
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-FEB-12	Finding:	3.23
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	06-JAN-12	Finding:	2.908
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

T74
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000140793**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W17H003S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19340101	Well Depth:	286
Well Depth Units:	ft	Well Hole Depth:	300
Well Hole Depth Units:	ft		

U75
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00018297**

Well ID:	USGS-340412117121301	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340412117121301	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340412117121301&store_num=		
GeoTracker Data:	Not Reported		

U76
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000140508**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W21M002S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19280101	Well Depth:	270
Well Depth Units:	ft	Well Hole Depth:	304
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

T77
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00002457**

Well ID:	USGS-340507117124501	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340507117124501	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340507117124501&store_num=		
GeoTracker Data:	Not Reported		

T78
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000140794**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W17H005S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19630101	Well Depth:	590
Well Depth Units:	ft	Well Hole Depth:	600
Well Hole Depth Units:	ft		

S79
ENE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000005786**

Well ID:	3610037-029	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	ORANGE STREET WELL	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3610037-029&store_num=		
GeoTracker Data:	Not Reported		

V80
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000140518**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W21E002S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported

Construction Date:	19440101	Well Depth:	264
Well Depth Units:	ft	Well Hole Depth:	264
Well Hole Depth Units:	ft		

W81
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000140557**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W20H005S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19610101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	500
Well Hole Depth Units:	ft		

V82
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00019035**

Well ID:	USGS-340413117122001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340413117122001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340413117122001&store_num=		
GeoTracker Data:	Not Reported		

83
SE
1/2 - 1 Mile
Higher

FED USGS **USGS40000140588**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W22F002S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19510101	Well Depth:	426
Well Depth Units:	ft	Well Hole Depth:	440
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

84
South
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000000222**

Well ID:	01S03W21K001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W21K001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W21K001S&store_num=		
GeoTracker Data:	Not Reported		

85
NW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000036533**

Well ID:	L10004733296-B-10C	Well Type:	MONITORING
Source:	EDF	Other Name:	B-10C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10004733296&assigned_name=B-10C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10004733296&assigned_name=B-10C		

W86
SW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000028975**

Well ID:	01S03W20H003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W20H003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W20H003S&store_num=		
GeoTracker Data:	Not Reported		

X87
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAUSGSN00014803**

Well ID:	USGS-340509117105101	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340509117105101	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340509117105101&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X88
ENE **FED USGS** **USGS40000140809**
1/2 - 1 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W15G001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19550101	Well Depth:	354
Well Depth Units:	ft	Well Hole Depth:	354
Well Hole Depth Units:	ft		

Y89
SSW **FED USGS** **USGS40000140474**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	SANDYS RESTURANT	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin 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		

Y90
SSW **CA WELLS** **CAUSGSN00011123**
1/2 - 1 Mile
Lower

Well ID:	USGS-340406117121101	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340406117121101	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340406117121101&store_num=		
GeoTracker Data:	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
92374	85	0

Federal EPA Radon Zone for SAN BERNARDINO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 92374

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.500 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

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

GEOLOGIC INFORMATION

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

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

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

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

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

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

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

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

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

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

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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

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

OTHER

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

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

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

STREET AND ADDRESS INFORMATION

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1160 W. Pioneer Avenue

1160 W. Pioneer Avenue

Redlands, CA 92374

Inquiry Number: 6891882.3

March 09, 2022

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

03/09/22

Site Name:

1160 W. Pioneer Avenue
1160 W. Pioneer Avenue
Redlands, CA 92374
EDR Inquiry # 6891882.3

Client Name:

Petra Geotechnical Inc
40880 County Center Drive, Suite M
Temecula, CA 92591
Contact: Jon Cain

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

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

Certified Sanborn Results:

Certification # AEE7-4D02-834D

PO # 21-315

Project 1160 W. Pioneer Avenue

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 #: AEE7-4D02-834D

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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1160 W. Pioneer Avenue

1160 W. Pioneer Avenue

Redlands, CA 92374

Inquiry Number: 6891882.4

March 09, 2022

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

03/09/22

Site Name:

1160 W. Pioneer Avenue
1160 W. Pioneer Avenue
Redlands, CA 92374
EDR Inquiry # 6891882.4

Client Name:

Petra Geotechnical Inc
40880 County Center Drive, Suite M
Temecula, CA 92591
Contact: Jon Cain

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Petra Geotechnical Inc were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. 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:

P.O.# 21-315

Project: 1160 W. Pioneer Avenue

Coordinates:

Latitude:	34.0819 34° 4' 55" North
Longitude:	-117.1982 -117° 11' 54" West
UTM Zone:	Zone 11 North
UTM X Meters:	481714.23
UTM Y Meters:	3771254.67
Elevation:	1280.00' above sea level

Maps Provided:

2018	1967
2015	1954
2012	1901
1996	1899
1988	
1980	
1975	
1973	

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Topo Sheet Key

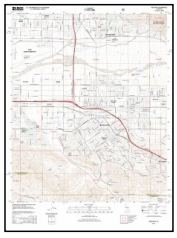
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2018 Source Sheets



Redlands
2018
7.5-minute, 24000

2015 Source Sheets



Redlands
2015
7.5-minute, 24000

2012 Source Sheets



Redlands
2012
7.5-minute, 24000

1996 Source Sheets

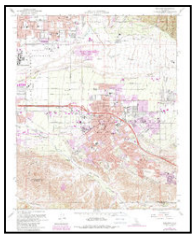


Redlands
1996
7.5-minute, 24000
Aerial Photo Revised 1994

Topo Sheet Key

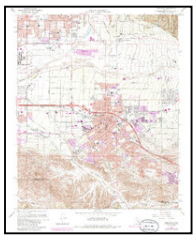
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1988 Source Sheets



Redlands
1988
7.5-minute, 24000
Aerial Photo Revised 1985

1980 Source Sheets



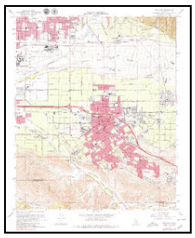
Redlands
1980
7.5-minute, 24000
Aerial Photo Revised 1978

1975 Source Sheets



Redlands
1975
7.5-minute, 24000
Aerial Photo Revised 1975

1973 Source Sheets

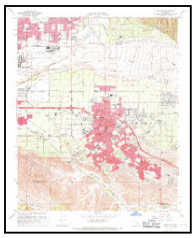


Redlands
1973
7.5-minute, 24000
Aerial Photo Revised 1973

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1967 Source Sheets



Redlands
1967
7.5-minute, 24000
Aerial Photo Revised 1966

1954 Source Sheets



Redlands
1954
7.5-minute, 24000
Aerial Photo Revised 1952

1901 Source Sheets



Redlands
1901
15-minute, 62500

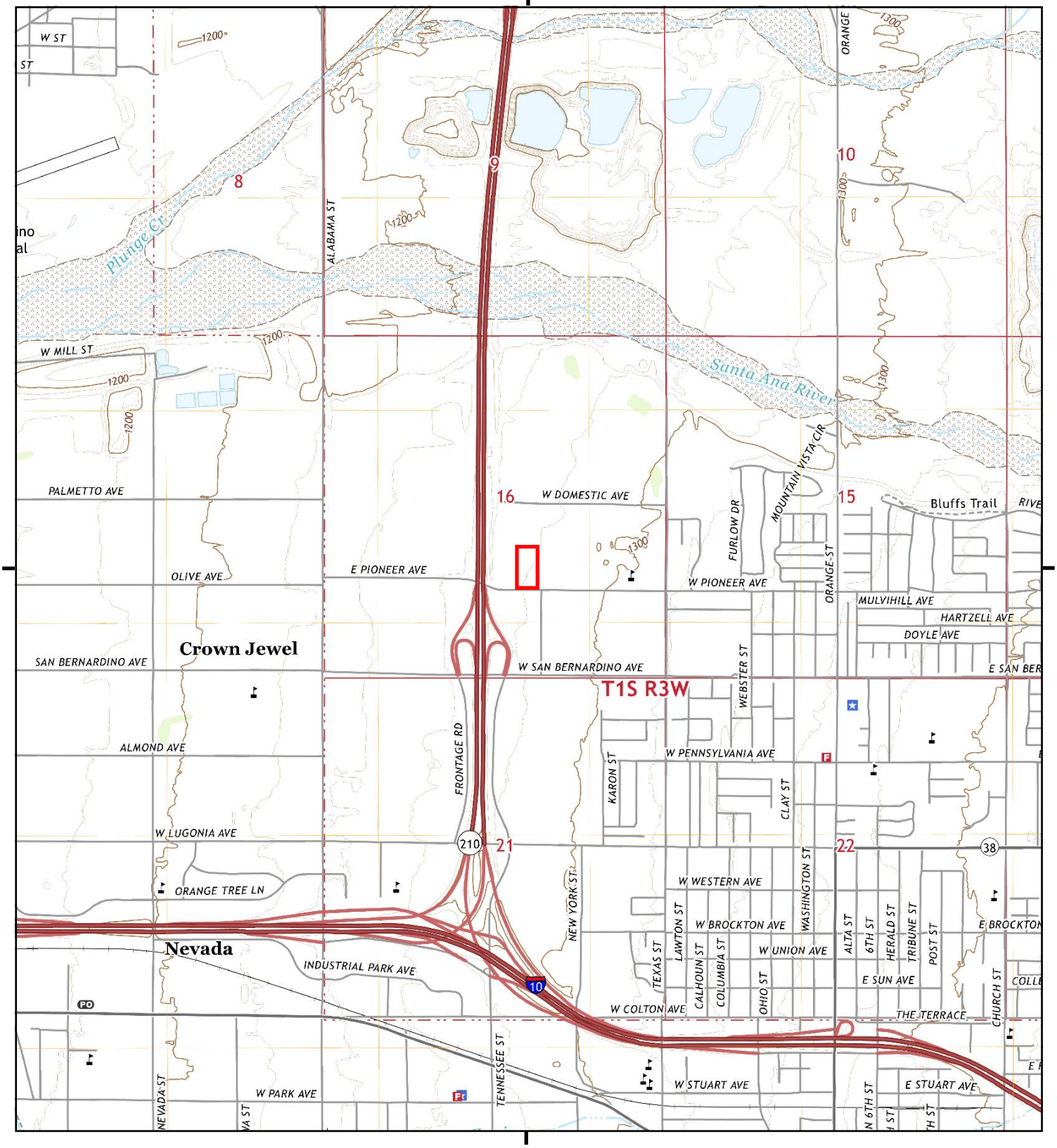
1899 Source Sheets



Redlands
1899
15-minute, 62500

Historical Topo Map

2018



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

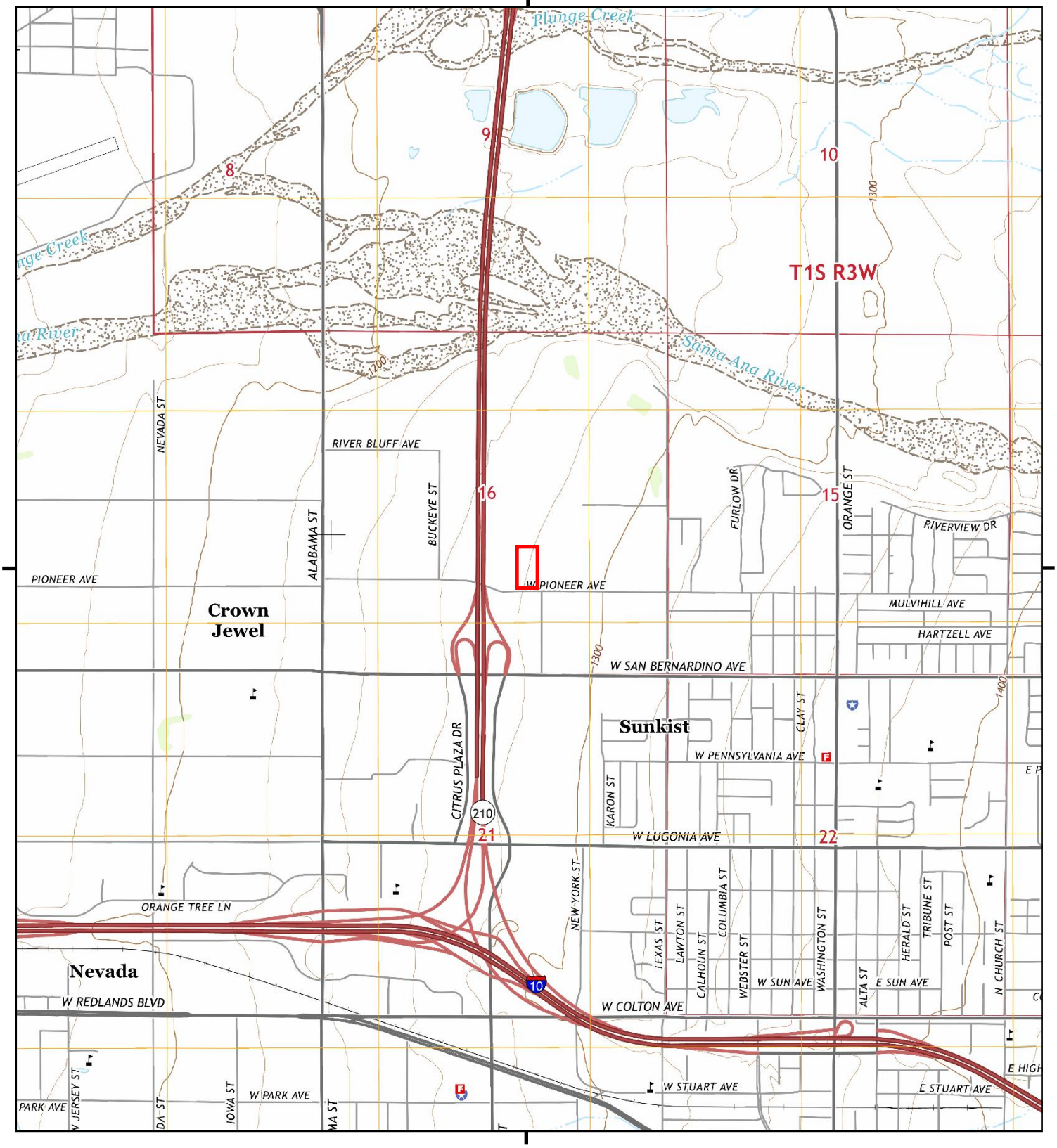
TP, Redlands, 2018, 7.5-minute

SITE NAME: 1160 W. Pioneer Avenue
ADDRESS: 1160 W. Pioneer Avenue
Redlands, CA 92374
CLIENT: Petra Geotechnical Inc

N

Historical Topo Map

2015



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

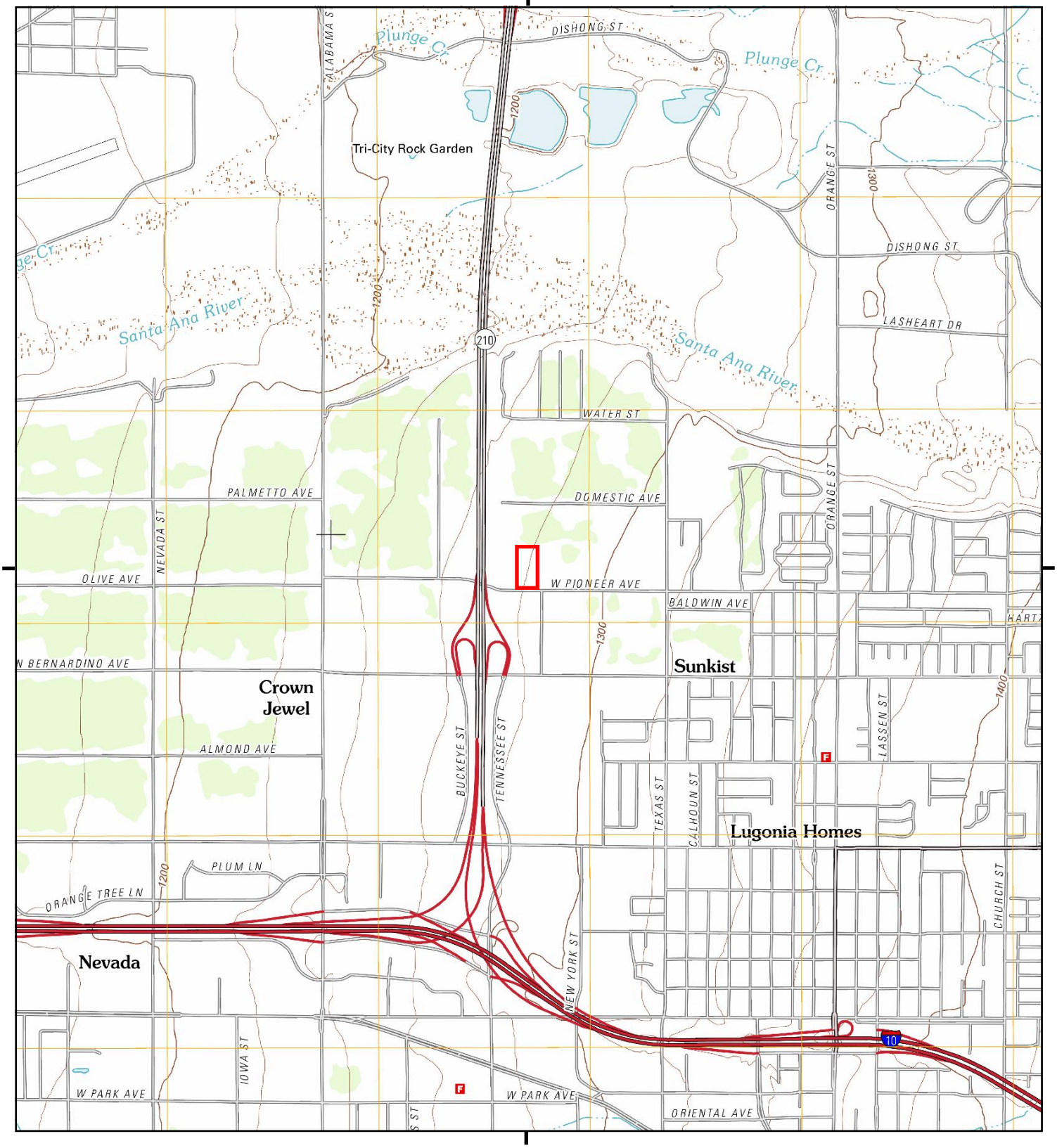
TP, Redlands, 2015, 7.5-minute

SITE NAME: 1160 W. Pioneer Avenue
ADDRESS: 1160 W. Pioneer Avenue
Redlands, CA 92374
CLIENT: Petra Geotechnical Inc

N

Historical Topo Map

2012



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

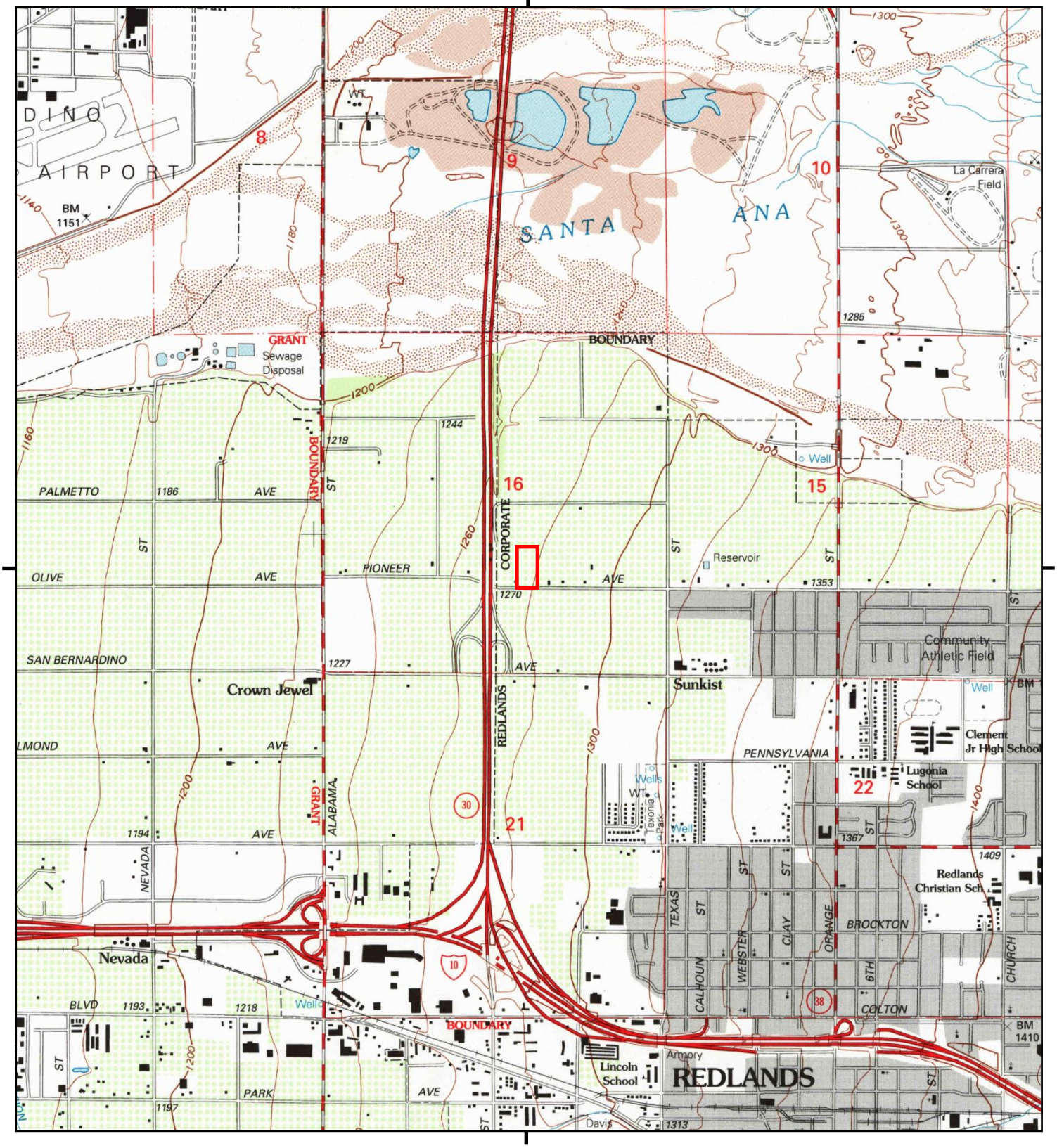
TP, Redlands, 2012, 7.5-minute

SITE NAME: 1160 W. Pioneer Avenue
ADDRESS: 1160 W. Pioneer Avenue
Redlands, CA 92374
CLIENT: Petra Geotechnical Inc

N

Historical Topo Map

1996



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

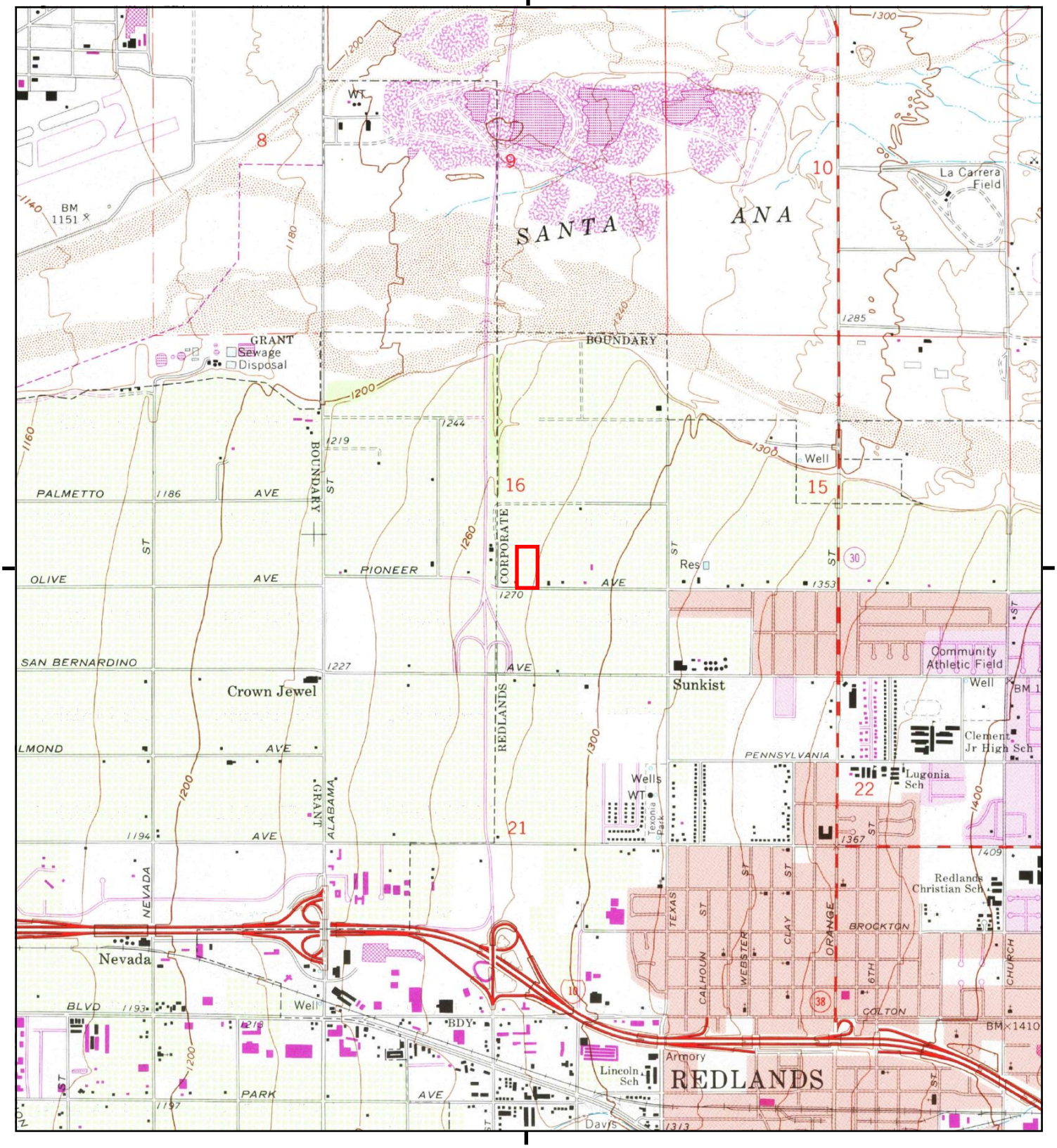
TP, Redlands, 1996, 7.5-minute

SITE NAME: 1160 W. Pioneer Avenue
ADDRESS: 1160 W. Pioneer Avenue
Redlands, CA 92374
CLIENT: Petra Geotechnical Inc

N

Historical Topo Map

1988



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

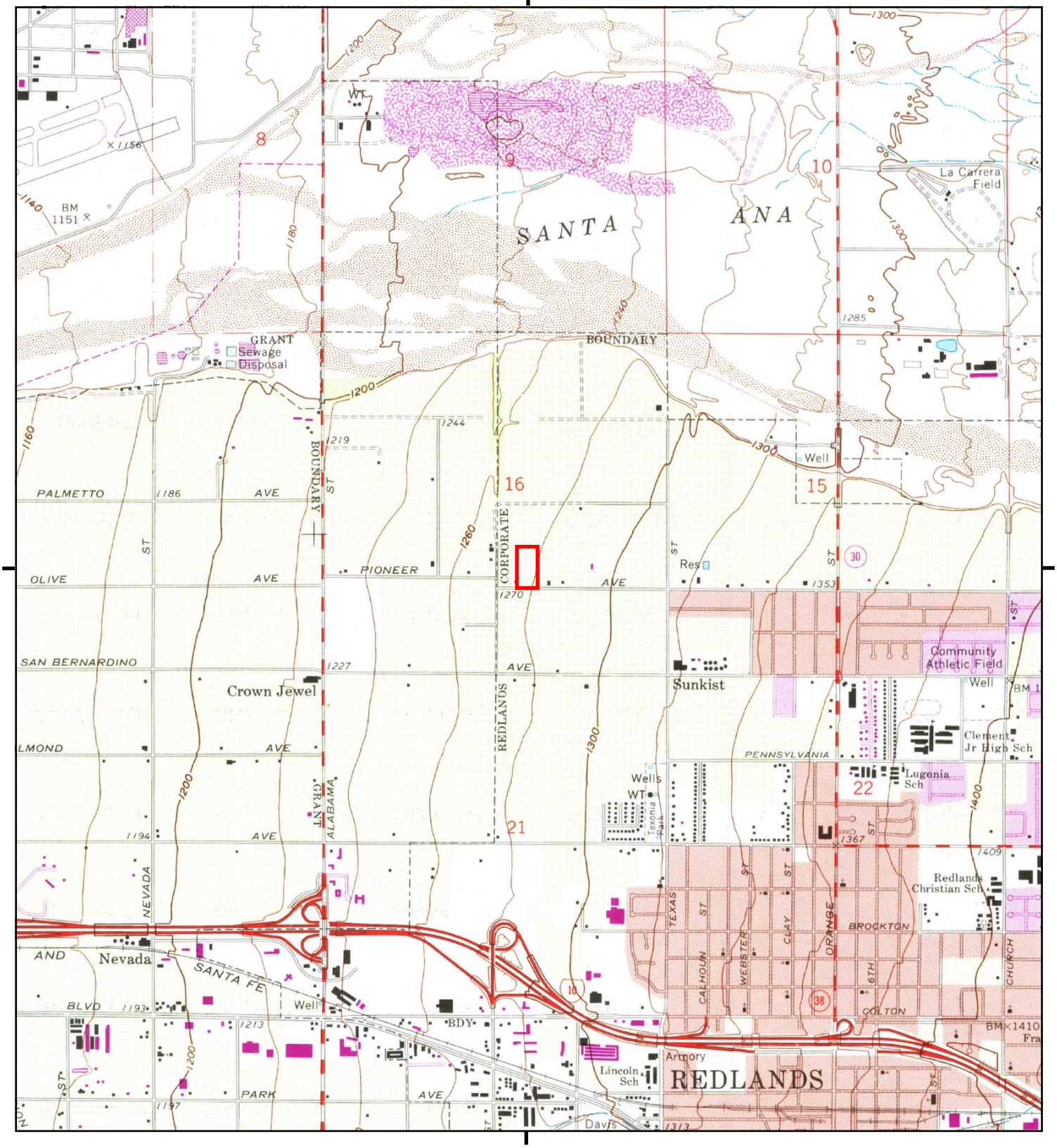
TP, Redlands, 1988, 7.5-minute

SITE NAME: 1160 W. Pioneer Avenue
ADDRESS: 1160 W. Pioneer Avenue
Redlands, CA 92374
CLIENT: Petra Geotechnical Inc

N

Historical Topo Map

1980



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

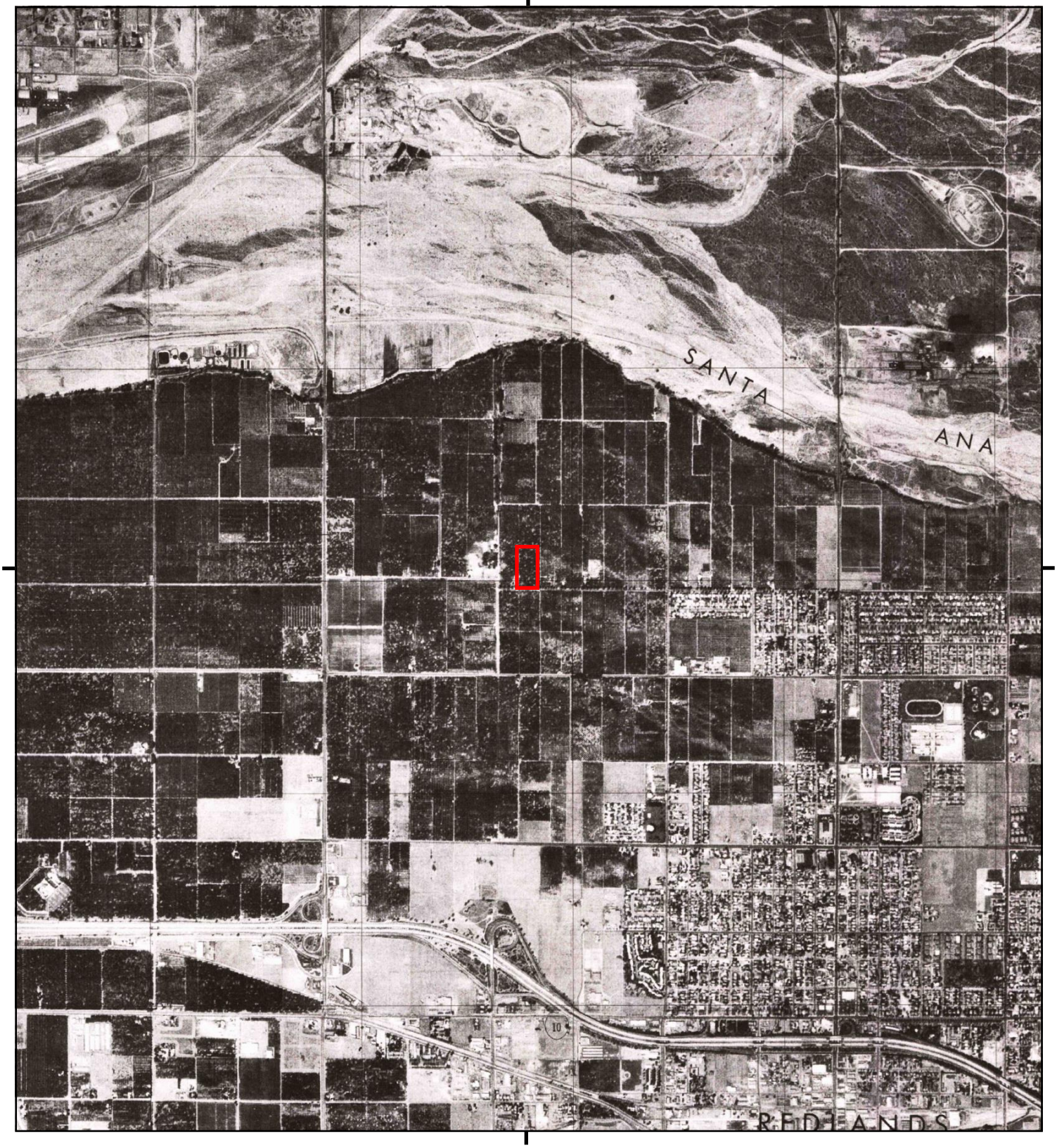
TP, Redlands, 1980, 7.5-minute

SITE NAME: 1160 W. Pioneer Avenue
ADDRESS: 1160 W. Pioneer Avenue
Redlands, CA 92374
CLIENT: Petra Geotechnical Inc

N

Historical Topo Map

1975



This report includes information from the following map sheet(s).

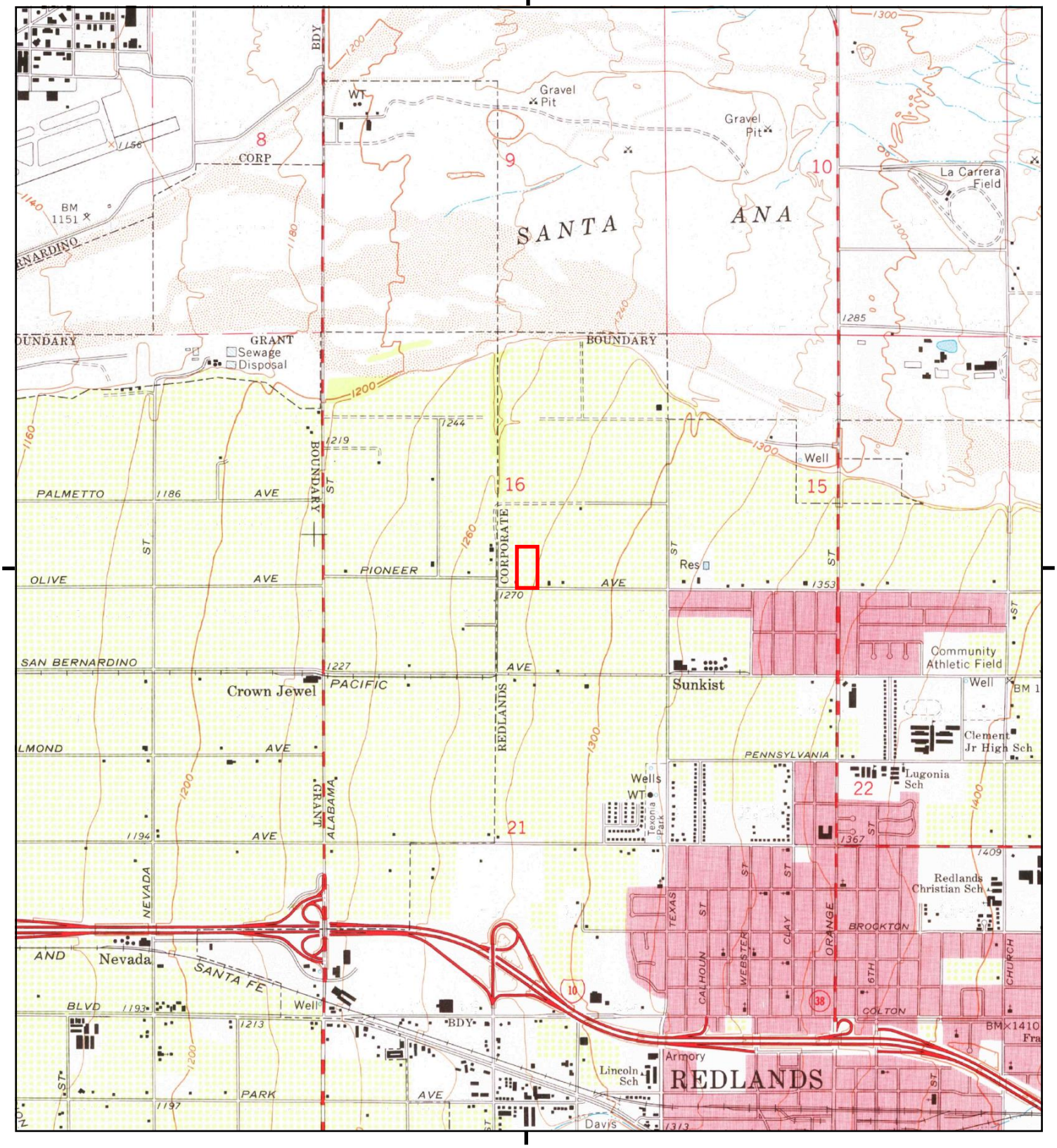
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Redlands, 1975, 7.5-minute

SITE NAME: 1160 W. Pioneer Avenue
ADDRESS: 1160 W. Pioneer Avenue
Redlands, CA 92374
CLIENT: Petra Geotechnical Inc

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

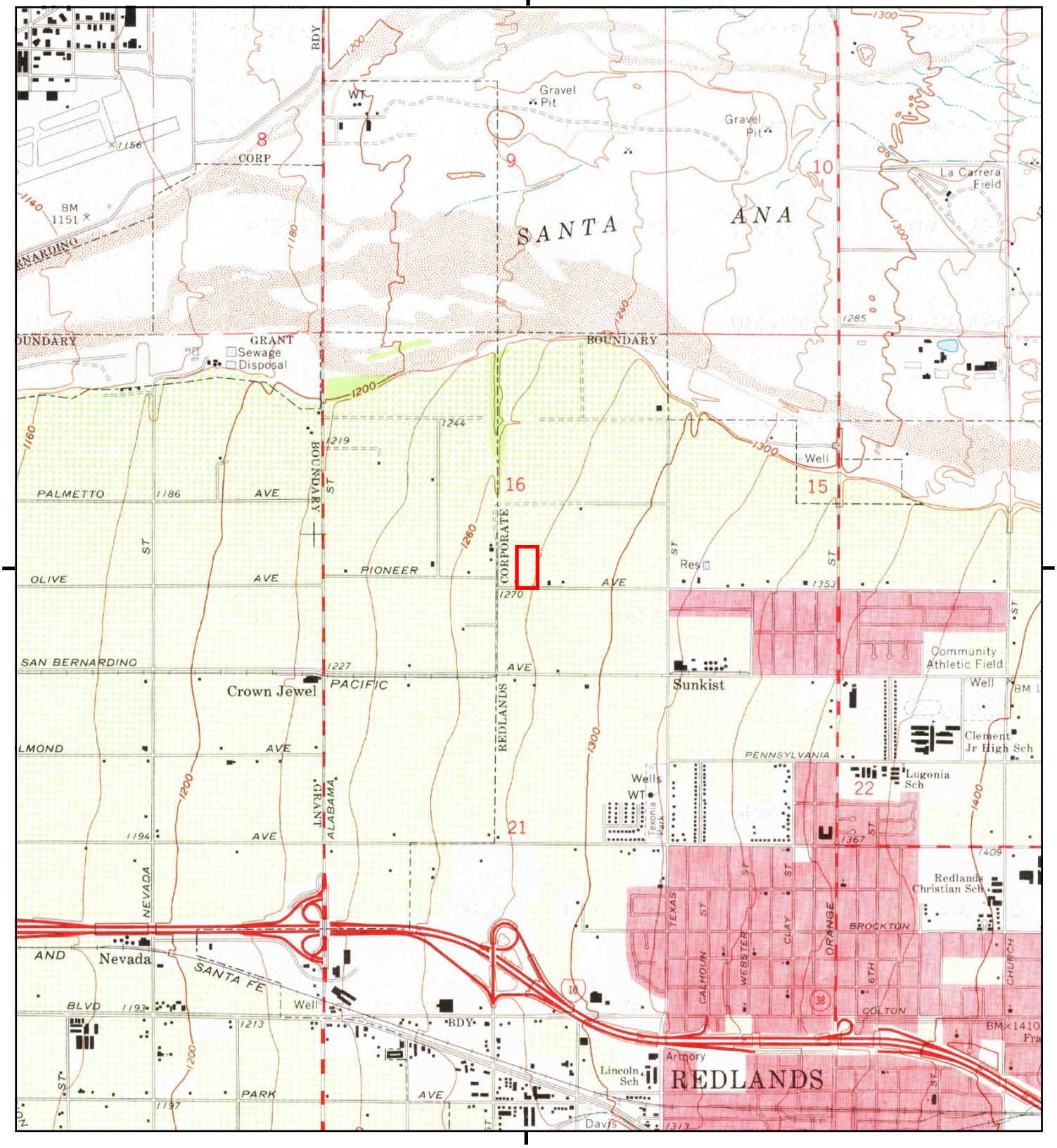
TP, Redlands, 1973, 7.5-minute

SITE NAME: 1160 W. Pioneer Avenue
ADDRESS: 1160 W. Pioneer Avenue
Redlands, CA 92374
CLIENT: Petra Geotechnical Inc

N

Historical Topo Map

1967



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

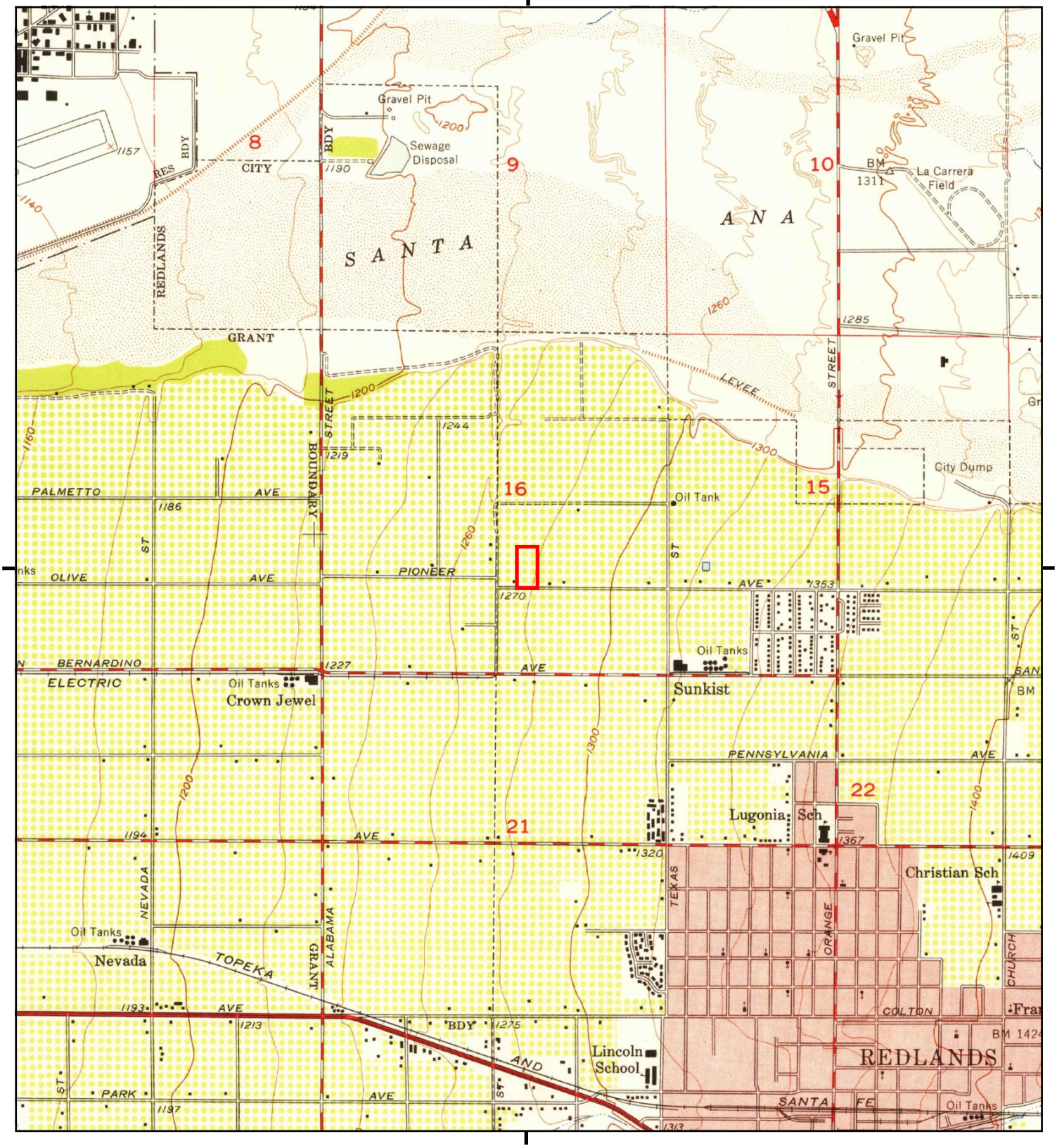
TP, Redlands, 1967, 7.5-minute

SITE NAME: 1160 W. Pioneer Avenue
ADDRESS: 1160 W. Pioneer Avenue
Redlands, CA 92374
CLIENT: Petra Geotechnical Inc

N

Historical Topo Map

1954



This report includes information from the following map sheet(s).

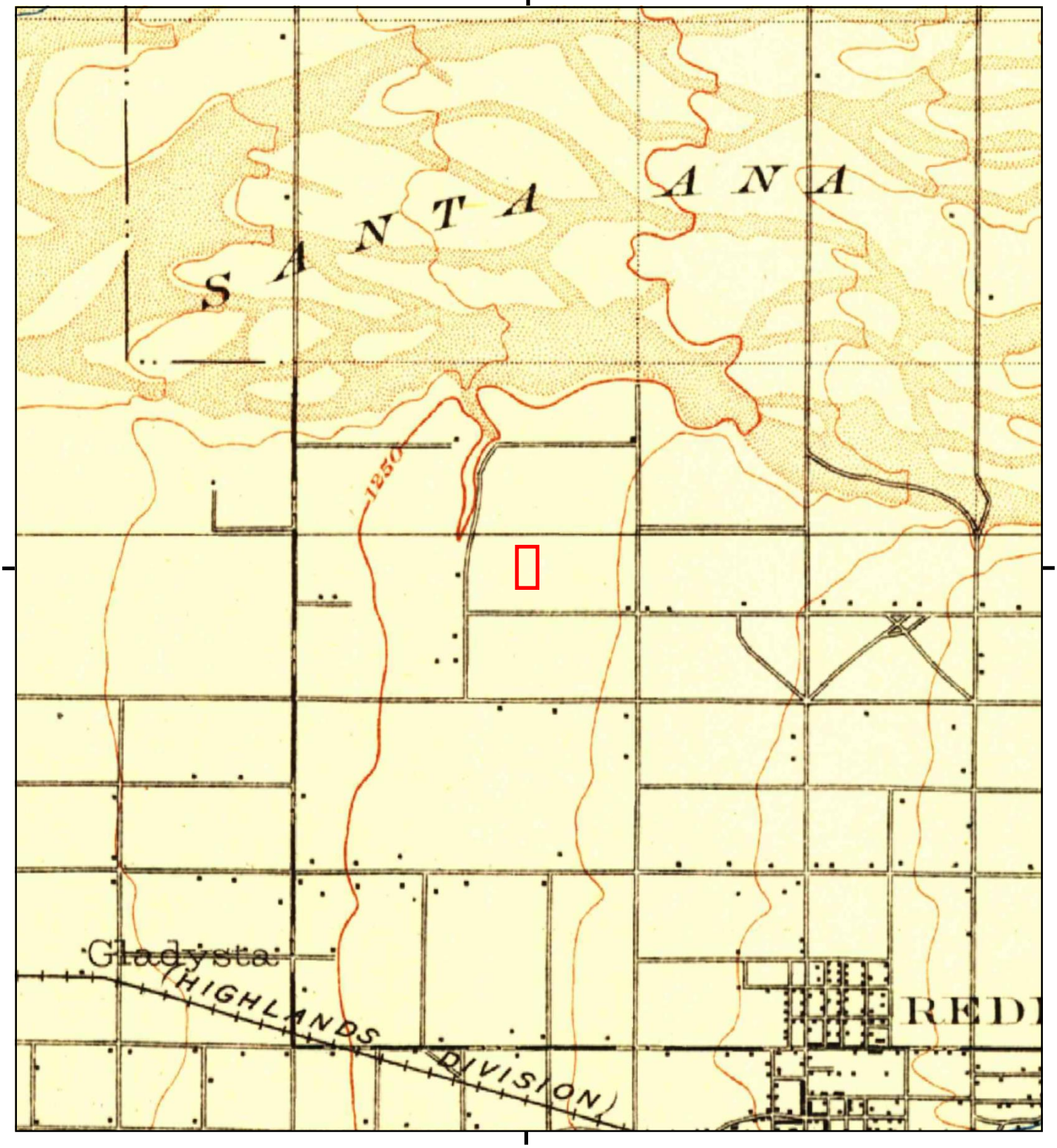
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Redlands, 1954, 7.5-minute

SITE NAME: 1160 W. Pioneer Avenue
ADDRESS: 1160 W. Pioneer Avenue
Redlands, CA 92374
CLIENT: Petra Geotechnical Inc

N



This report includes information from the following map sheet(s).

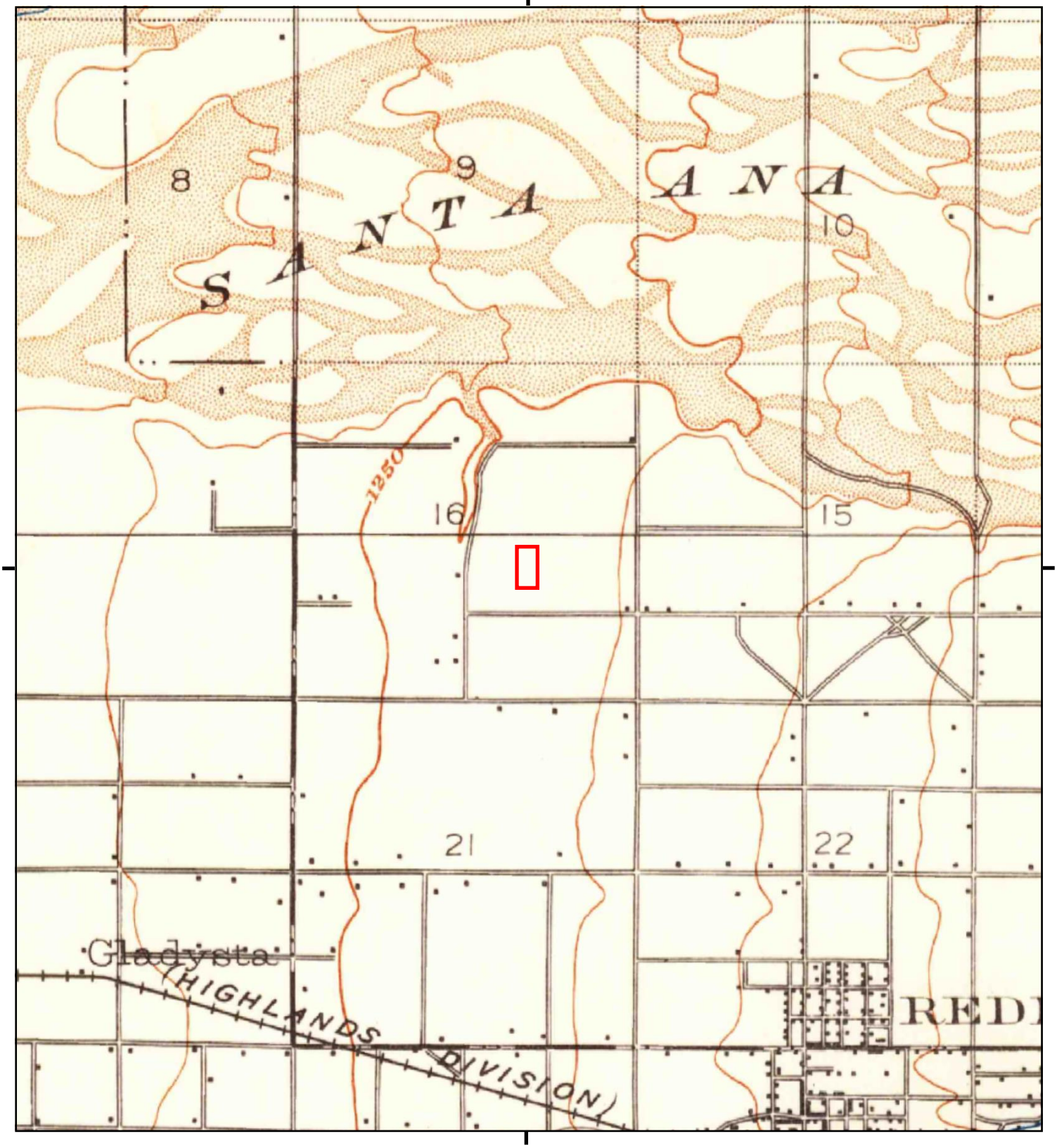
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Redlands, 1901, 15-minute

SITE NAME: 1160 W. Pioneer Avenue
ADDRESS: 1160 W. Pioneer Avenue
Redlands, CA 92374
CLIENT: Petra Geotechnical Inc

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, Redlands, 1899, 15-minute

SITE NAME: 1160 W. Pioneer Avenue
ADDRESS: 1160 W. Pioneer Avenue
Redlands, CA 92374
CLIENT: Petra Geotechnical Inc

N

1160 W. Pioneer Avenue
1160 W. Pioneer Avenue
Redlands, CA 92374

Inquiry Number: 6891882.5
March 10, 2022

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

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

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

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

RECORD SOURCES

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

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RESEARCH SUMMARY

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

Year	Target Street	Cross Street	Source
2017	☑	☐	EDR Digital Archive
2014	☑	☐	EDR Digital Archive
2010	☑	☐	EDR Digital Archive
2005	☑	☐	EDR Digital Archive
2000	☑	☐	EDR Digital Archive
1995	☑	☐	EDR Digital Archive
1992	☑	☐	EDR Digital Archive
1986	☑	☐	Haines Criss-Cross Directory
1980	☑	☐	Haines Criss-Cross Directory
1976	☑	☐	Haines Criss-Cross Directory
1971	☑	☐	Haines Criss-Cross Directory
1965	☑	☐	Luskey Brothers & Co. Publications

FINDINGS

TARGET PROPERTY STREET

1160 W. Pioneer Avenue
Redlands, CA 92374

Year	*CD Image*	*Source*
W PIONEER AVE		
2017	pg A1	EDR Digital Archive
2014	pg A2	EDR Digital Archive
2010	pg A3	EDR Digital Archive
2005	pg A4	EDR Digital Archive
2000	pg A5	EDR Digital Archive
1995	pg A6	EDR Digital Archive
1992	pg A7	EDR Digital Archive
1986	pg A8	Haines Criss-Cross Directory
1980	pg A9	Haines Criss-Cross Directory
1976	pg A10	Haines Criss-Cross Directory
1971	pg A11	Haines Criss-Cross Directory
1965	pg A12	Luskey Brothers & Co. Publications

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W PIONEER AVE 2017

607	MACRORIE, NEIL A
610	SANDOVAL, JOSE V
611	MARIN, GILBERT R
615	AMPARAN, DOMINGO C
703	PEREZ, RICARDO B
709	DUARTE, MIGUEL A
715	DUNGAN, ELIJAH R
721	DRAPER, ANNE E
727	MOLINA, GUSTAVO
800	REDLANDS UNIFIED SCHOOL DISTRICT

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W PIONEER AVE 2014

607	MACRORIE, NEIL A
610	SANDOVAL, JOSE V
611	PERRY, LAUREN S
615	AMPARAN, DOMINGO C
621	ORTIZ, ANDY
703	PEREZ, RICARDO B
709	ALEGRIA, EDWIN G
715	DUNGAN, ELIJAH R
721	DRAPER, ELIZABETH
727	MOLINA, GUSTAVO

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W PIONEER AVE 2010

601	CONTAOI, REUBEN A
607	FRANQUEZ, ESPIRIDION G
610	OCCUPANT UNKNOWN,
611	MARIN, SYLVIA H
615	AMPARAN, ANASTACIO
621	SCOTT, DIANE M
703	PEREZ, MARIO A
709	DUARTE, MIGUEL A
715	STEWART, KELLY
721	DRAPER, ANNE E
727	MOLINA, GUSTAVO E
800	K L NEFF INC
990	DISPARTE, ELLEN N

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W PIONEER AVE 2005

607	MARIA, A
610	OCCUPANT UNKNOWN,
611	MARIN, GILBERT R
615	AMPARAN, DOMINGO C
621	RODRIGUEZ, ROBERT
703	PEREZ, MARIO A
709	DUARTE, MIGUEL A
715	HODSON, NACOMI
721	DRAPER, ANNE E
727	MOLINA, MAGDALENA R
880	DISPARTE, ELLEN N
990	DISPARTE, ELLEN N
1042	WILLARD, MILDRED L
1074	OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W PIONEER AVE 2000

601	OCCUPANT UNKNOWN,
607	BETHURUM, DONNETT
610	SANDOVAL, JOSE V
611	MARIN, GILBERT R
615	CRAIG, RACHEL J
621	BYARD, DOROTHY
703	TAPIA, RAMIRO
709	OCCUPANT UNKNOWN,
721	KINCAID, KEITH S
727	MOLINA, MAGDALE
808	VEIGN, JAMES M
924	MARSH, JAMES C
956	SEARS, BOBBIE
990	DISPARTE, ELLEN
1042	WILLARD, LEWIS

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W PIONEER AVE 1995

601	CONTAOI, G
607	BETHURUM, D L
610	SANDOVAL, JOSE V
611	MARIN, GILBERT R
615	OCCUPANT UNKNOWNN
621	OCCUPANT UNKNOWNN
703	OCCUPANT UNKNOWNN
709	WOOD, BERNARD
715	LOOY, ROBERT
721	GARCIA, CELIA
727	MOLINA, M
823	THOMPSON, LYNN
990	DISPARTE, E

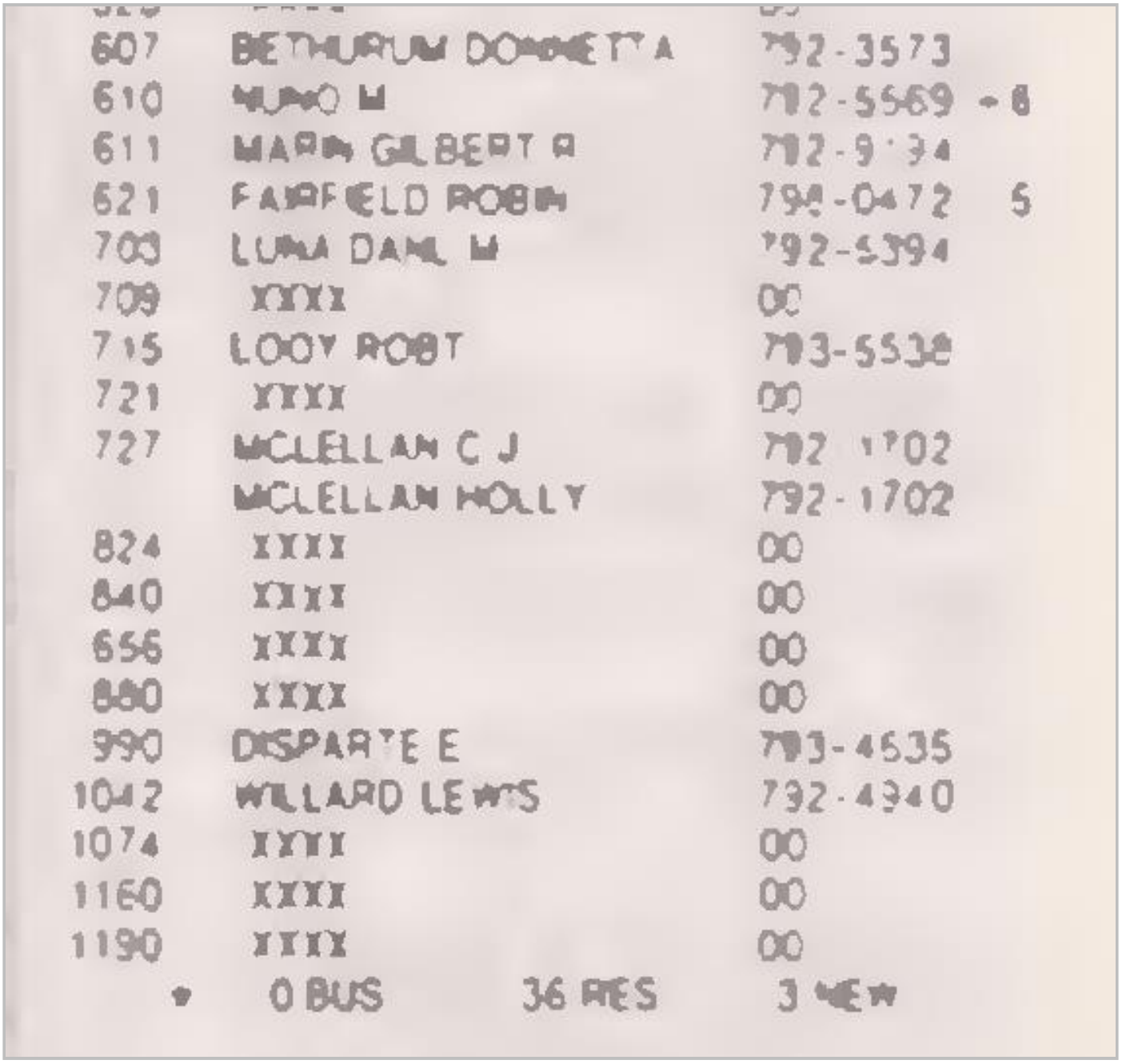
Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W PIONEER AVE 1992

607	BETHURUM, D L
611	MARIN, GILBERT R
709	WOOD, BERNARD
715	LOOY, ROBERT
823	THOMPSON, LYNN
14013	FRENCH, JEAN

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

W PIONEER AVE 1986



607	BETHURUM DONNETTA	792-3573
610	MUNRO M	792-5569 • B
611	MARIN GILBERT R	792-9134
621	FAIRFIELD ROBIN	794-0472 S
703	LUNA DANL M	792-5394
709	XXXX	00
715	LOOY ROBT	793-5536
721	XXXX	00
727	MCLELLAN C J	792 1702
	MCLELLAN HOLLY	792-1702
824	XXXX	00
840	XXXX	00
656	XXXX	00
880	XXXX	00
990	DISPARTE E	793-4535
1042	WILLARD LEWIS	732-4340
1074	XXXX	00
1160	XXXX	00
1190	XXXX	00
•	0 BUS 36 RES	3 NEW

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

W PIONEER AVE 1980

607	BETHURUM DONNETTA	792-3573	4
610	NUNO FELIPE M	792-5569	
611	MARIN GILBERT R	792-9194	
615	XXXX	00	
621	XXXX	00	
703	LUNA DANL M	792-5394	4
709	XXXX	00	
715	LOOY ROBT	793-5538	
721	XXXX	00	
727	XXXX	00	
750	EARLY GARDA	792-1909	7
758	THOMAS ARLENE	793-5117	7
808	ARMAGNO TONY	793-8800	+0
816	FANNIN B	793-6151	+0
	MAHLER J H	793-6151	+0
824	CHEUNG ERIC	793-9789	+0
840	MCGREW STEPHEN	792-4740	+0
848	ERNSTAM ERIC	792-6449	+0
856	WARNER BRUCE	793-0498	+0
880	XXXX	00	
990	XXXX	00	
1041	ARNOTT RONALD D	793-8804	+0
1042	WILLARD LEWIS	792-4940	6
1074	COFFEY COLSTON F	793-8077	9
	COFFEY FRANK	888-2427	+0
1104	HOOVER HERBERT E	793-0573	+0
1160	XXXX	00	
1190	XXXX	00	
1365	JOYCE JOHN	793-9585	+0
	SAUL L L	793-9586	+0

★ 0 BUS 56 RES 14 NEW

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

W PIONEER AVE 1976

607	BETHURUM DONNETTA	792-3573 4
610	NUNO FELIPE M	792-5569
611	MARIN GILBERT R	792-9194
615	FLORES ALVARO	792-3096
621	POSADAS JOSE A	792-9378+6
703	LUNA DANL M	792-5394 4
709	MCCULLOUGH DOUGLAS	792-2683
710	THORPE CARL H	792-4015
715	LOOY ROBT	793-5538
721	MCCLAURY DALE	793-5708
727	MCLELLAN JACK	792-1702
880	XXXX	OO
990	DISPARTE PHIL J	793-4635+6
1074	WILLARD LEWIS	792-4940+6
1160	CORNEJO TRINO	792-3121+6
	*LANGFORD RANCHES	792-3121+6
1190	XXXX	OO

* 1 BUS 35 RES 10 NEW

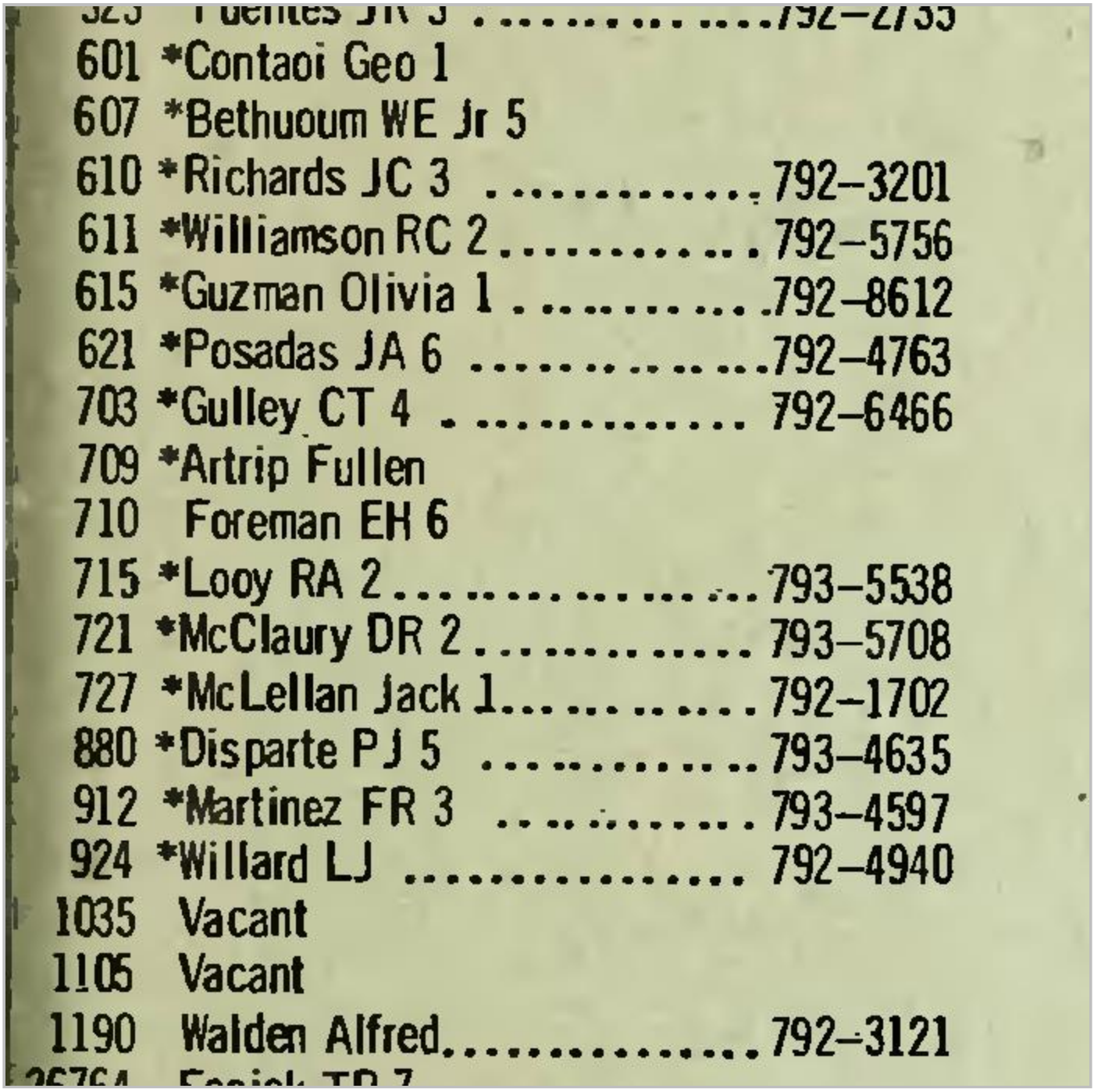
Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

W PIONEER AVE 1971

607	BETHURUM WM E	792-3573
610	NUNO FELIPE M	792-5569
611	MARIN GILBERT A	792-9194
615	FLORES ALVARO	792-3096
709	MCCULLOUGH DOUGLAS	792-2683
710	THORPE CARL H	792-4015
715	LOOY ROBT	793-5538
721	MCCLAURY DALE	793-5708
727	MCLELLAN JACK	792-1702
	MCLELLAN PEGGY	792-1702
880	DISPARTE PHIL J	793-4635
912	WELCH L A	792-1147
924	WILLARD LEWIS	792-4940
1190	*LANGFORD RANCHES	792-3121
	WALDEN AL	792-3121

Target Street	Cross Street	Source
✓	-	Luskey Brothers & Co.

W PIONEER AVE 1965



323 Fuentes JR 3 792-2735
601 *Contaoi Geo 1
607 *Bethuoum WE Jr 5
610 *Richards JC 3 792-3201
611 *Williamson RC 2.....792-5756
615 *Guzman Olivia 1 792-8612
621 *Posadas JA 6 792-4763
703 *Gulley CT 4 792-6466
709 *Artrip Fullen
710 Foreman EH 6
715 *Looy RA 2.....793-5538
721 *McClaury DR 2.....793-5708
727 *McLellan Jack 1.....792-1702
880 *Disparte PJ 5 793-4635
912 *Martinez FR 3 793-4597
924 *Willard LJ 792-4940
1035 Vacant
1105 Vacant
1190 Walden Alfred.....792-3121
2676A Fosick TR 7

1160 W. Pioneer Avenue
1160 W. Pioneer Avenue
Redlands, CA 92374

Inquiry Number: 6891882.6
March 24, 2022

The EDR Property Tax Map Report

EDR® Environmental Data Resources Inc

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

EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

NO COVERAGE

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

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1160 W. Pioneer Avenue
1160 W. Pioneer Avenue
Redlands, CA 92374

Inquiry Number: 6891882.7
March 10, 2022

EDR Environmental Lien and AUL Search

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

EDR® Environmental Data Resources Inc

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

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

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

1160 W. Pioneer Avenue
1160 W. Pioneer Avenue
Redlands, CA 92374

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found ☐ Not Found ☒

RESEARCH SOURCE

Source 1:

San Bernardino Recorder
San Bernardino, CA

PROPERTY INFORMATION

Deed 1-1:

Type of Deed:	deed
Title is vested in:	Phillip John Jr & Patricia Diane Bermard TR
Title received from:	Patricia Bernard
Deed Dated	10/31/2017
Deed Recorded:	12/19/2017
Book:	NA
Page:	na
Volume:	na
Instrument:	na
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	

Deed 1-2:

Type of Deed:	deed
Title is vested in:	Michael Emm Trustee
Title received from:	Calla Jo Emm
Deed Dated	1/17/1992
Deed Recorded:	3/27/1992
Book:	NA
Page:	na
Volume:	na
Instrument:	na
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	

Legal Description:	See Exhibit
Legal Current Owner:	Phillip John Jr & Patricia Diane Bermard TR Michael EMM TR
Parcel # / Property Identifier:	0167-061-03
Comments:	See Exhibit

Deed Exhibit 1

Recording Requested By:

Kathleen D. Crane, Esq.
A Law Corporation

When Recorded Mail To:
Mail Tax Statements To:

PHILLIP JOHN BERNARD, JR.
PATRICIA DIANE BERNARD
26400 Ashfork Place
Rancho Palos Verdes, CA 90275-1701

Recorded in Official Records, County of San Bernardino

BOB DUTTON
ASSESSOR – RECORDER – CLERK

12/19/2017
4:10 PM
FV
SAN

R Regular Mail

Doc#: 2017–0540147

Titles: 1 **Pages: 4**

Fees	24.00
Taxes	0.00
Other	6.00
PAID	$30.00

TITLE(S)

TRUST TRANSFER DEED

RECORDING REQUESTED BY

KATHLEEN D. CRANE,
A Law Corporation

AND WHEN RECORDED MAIL TO:
AND MAIL TAX STATEMENTS TO:

PHILLIP JOHN BERNARD, JR.
PATRICIA DIANE BERNARD
26400 Ashfork Place
Rancho Palos Verdes, CA 90275-1701

SPACE ABOVE THIS LINE FOR RECORDER'S USE

TRUST TRANSFER DEED

(Excluded from Reappraisal Under Proposition 13, i.e., Calif. Const. Art 13A §1 et. seq.)
The undersigned Grantor(s) declare under penalty of perjury that the following is true and correct:
THERE IS NO CONSIDERATION FOR THIS TRANSFER.

Documentary transfer tax is $ NONE

__ Computed on full value of property conveyed, or __ computed on full value less value of liens and encumbrances remaining at time of sale or transfer.
_X_ There is no Documentary transfer tax due. (state reason and give Code § or Ordinance number) **This conveyance transfers grantor(s) interest into or out of a Living Trust, R&T 11930**
This is a Trust Transfer under §62 of the Revenue and Taxation Code and Grantor(s) has (have) checked the applicable exclusion:
_X_ Transfer to a revocable trust;
___ Transfer to a short-term trust not exceeding 12 years with trustor holding the reversion;
___ Transfer to a trust where the trustor or the trustor's spouse is the sole beneficiary;
___ Change of trustee holding title;
___ Transfer from trust to trustor or trustor's spouse where prior transfer to trust was excluded from reappraisal and for a valuable consideration, receipt of which is acknowledged.
___ Other:

GRANTOR(S): PATRICIA BERNARD, a Married Woman, as her sole and separate property, as a Tenant in Common,

hereby GRANT(S) TO: PHILLIP JOHN BERNARD, JR. and PATRICIA DIANE BERNARD, Trustees of the BERNARD FAMILY TRUST dated October 31, 2017,

her Fifty Percent (50%) undivided interest in the following described real property in the City of Redlands, San Bernardino County, State of California:

See Exhibit "A" attached hereto and incorporated herein by this reference.

APN: 0167-061-03

Commonly known as: Orchard located in Redlands, San Bernardino County, California 92374

Dated: October 31, 2017

Patricia Bernard
PATRICIA BERNARD

I hereby accept and agree to this transfer.

Dated: October 31, 2017

Phillip John Bernard Jr.
PHILLIP JOHN BERNARD, JR., Trustee

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document, to which this certificate is attached, and not the truthfulness, accuracy, or validity of this document.

STATE OF CALIFORNIA)
) ss.
COUNTY OF LOS ANGELES)

On October 31, 2017, before me, Kathleen D. Crane, a Notary Public, personally appeared PHILLIP JOHN BERNARD, JR. and PATRICIA BERNARD, who proved to me on the basis of satisfactory evidence to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities, and that by their signatures on the instrument the persons or the entities upon behalf of which the persons acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary

K:\Clients\Bernard, Phillip and Patricia\Trust Transfer Deed (San Bernardino)

KATHLEEN D. CRANE
Commission # 2124856
Notary Public - California
Los Angeles County
My Comm. Expires Sep 22, 2019

Exhibit "A"

Undivided one-half interest in and to the South one-half of the following described property; Portion of Section16, Twp 1 South, Range 3 West, S.B.B. & M. in the City of Redlands, County of San Bernardino, State of California, described as follows: COMMENCING at a point in the center line of said Section 16, distant 1313.2 feet North from the Quarter Section post on the South line of said Section; thence East 330 feet for point of beginning; thence North 0 degrees 30' West 1320 feet; thence East 330 feet; thence 30' East 1320 feet; thence West 330 feet to the point of beginning, containing 5 acres, more or less.

Commonly known as: Orchard located in Redlands, San Bernardino County, California 92374

APN: 0167-061-03

Deed Exhibit 2

RECORDING REQUESTED BY

ROTENBERG & ROTENBERG

AND WHEN RECORDED MAIL TO

MICHAEL G. EMM
240 Churchill Glen
Sierra Madre, CA 91024

1 FEE 7	6 CHRG
2 COPY 4	7 CHRS
3 PCOR	8 NOTE
4 LNNT	9 STMP 5
5 SVY	
5 DTT	S

RECORDED IN
OFFICIAL RECORDS

92 MAR 27 AM 10: 26

SAN BERNARDINO
COUNTY, CALIF.

92-130858

AFFIDAVIT - DEATH OF TRUSTOR, TRUSTEE AND BENEFICIARY

A. P. N. 0167061030000

STATE OF CALIFORNIA)
)
COUNTY OF SAN BERNARDINO)

MICHAEL G. EMM, of legal age, being first duly sworn, deposes and says:

That CALLA J. EMM, the decedent mentioned in the attached certified copy of Certificate of Death, is the same person as CALLA JO EMM named as one of the parties in that certain QUITCLAIM Deed dated April 12, 19 88, executed by TED EMM and CALLA JO EMM, wherein the decedent is a Trustor of the EMM Family Trust dated the 12th day of April, 1988, as well as a beneficiary under said Trust; it being further acknowledged that MICHAEL G. EMM is the Successor Trustee under said Declaration of Trust. The original QUITCLAIM Deed aforementioned is recorded as Instrument No. 88-153426, of Official Records of San Bernardino County, State of California, covering the following described property situated in the City of Redlands, County of San Bernardino, State of California:

SEE ATTACHED FOR LEGAL DESCRIPTION MARKED EXHIBIT "A"

January 17, 1992
DATE

X _____
SIGNATURE MICHAEL G. EMM
Successor Trustee

STATE OF CALIFORNIA)
)
COUNTY OF LOS ANGELES)

On January 17, 1992, before me, a Notary Public known in and for said State, personally appeared MICHAEL G. EMM, known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged that he/she executed the same.

WITNESS my hand and official seal.

Signature _____

OFFICIAL SEAL
LORI ROTENBERG
NOTARY PUBLIC - CALIFORNIA
LOS ANGELES COUNTY
My Comm. Expires Oct. 10, 1995

GENERAL ACKNOWLEDGMENT

92-100358

CAL-20

State of California) SS.
County of Los Angeles)

On this the 17th day of January 19 92 before me,

LORI ROTENBERG

the undersigned Notary Public, personally appeared

MICHAEL G. EMM, Successor Trustee

☐ personally known to me
☒ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is subscribed to the within instrument, and acknowledged that he executed it.

WITNESS my hand and official seal.

OFFICIAL SEAL
LORI ROTENBERG
NOTARY PUBLIC - CALIFORNIA
LOS ANGELES COUNTY
My Comm. Expires Oct. 10, 1995

Lori Rotenberg

Notary's Signature

EXHIBIT "A"

92-130858

Undivided one-half interest in and to the South one-half of the following described property: Portion of Section 16, Twp 1 South, Range 3 West, S. B. B. & M. in the City of Redlands, County of San Bernardino, State of California, described as follows: COMMENCING at a point in the center line of said Section 16, distant 1313.2 feet North from the Quarter Section post on the South line of said Section; thence East 330 feet for point of beginning; thence North 0 degrees 30' West 1320 feet; thence East 330 feet; thence South 30' East 1320 feet; thence West 330 feet to the point of beginning, containing 5 acres, more or less.

CERTIFICATE OF DEATH

STATE OF CALIFORNIA

USE BLACK INK ONLY

STATE FILE NUMBER: 92-130858

LOCAL REGISTRATION DISTRICT AND CERTIFICATE NUMBER

DECEDENT PERSONAL DATA

1A. NAME OF DECEDENT—First (Given)	1B. Middle	1C. Last (Family)	2A. Date of Death—Mo. Day. Yr	2B. Hour	3. Sex
Calla	J	Emm	January 23, 1991	0645	F

4. Race	5. Spanish/Hispanic—Specify	6. Date of Birth—Mo. Day. Yr	7. Age in Years	If under 1 year: Months	Days	If under 24 hours: Hours	Minutes
Caucasian	☐ Yes ____ ☒ No	October 22, 1909	81				

8. State of Birth	9. Citizen of What Country	10A. Full Name of Father	10B. State of Birth	11A. Full Maiden Name of Mother	11B. State of Birth
Idaho	USA	Charles E. Rice	unkn.	Winifred Chase	unkn.

12. Military Service?	13. Social Security No.	14. Marital Status	15. Name of Surviving Spouse (If wife, enter maiden name)
19 ___ to 19 ___ ☒ None	551-70-0173	married	Theodore T. Emm

16A. Usual Occupation	16B. Usual Kind of Business or Industry	16C. Usual Employer	16D. Years in Occupation	17. Education—Years Completed
Housewife	Homemaking	Own Home	53	12

USUAL RESIDENCE

18A. Residence—Street and Number or Location	18B. City	18C. ZIP Code
286 E. Grandview	Sierra Madre	91024

18D. County	18E. Number of Years in This County	18F. State or Foreign Country	20. Name, Relationship, Mailing Address and ZIP Code of Informant
Los Angeles	39	California	Theodore T. Emm, husband 286 E. Grandview Sierra Madre, Calif. 91024

PLACE OF DEATH

19A. Place of Death	19B. If Hospital, Specify One: IP, ER/OP, DOA	19C. County
Huntington Dr. Skilled Nursing Center		Los Angeles

19D. Street Address—Street and Number or Location	19E. City
400 W. Huntington Dr.	Arcadia

CAUSE OF DEATH

21. Death was caused by: (Enter only one cause per line for A, B, and C)

		Time Interval Between Onset and Death
Immediate Cause	(A) Cardiopulmonary Arrest	5 mins.
Due To	(B) Spontaneous Cerebral Hemorrhage (no trauma)	18 days
Due To	(C)	

22. Was death reported to Coroner? ☐ Yes ____ ☒ No

23. Was biopsy performed? ☐ Yes ☒ No

24A. Was autopsy performed? ☐ Yes ☒ No

24B. Was it used in determining cause of death? ☐ Yes ☐ No

25. Other significant conditions contributing to death but not related to cause given in 21: Repeated small strokes

26. Was operation performed for any condition in item 21 or 25? If yes, list type of operation and date: no

PHYSICIAN'S CERTIFICATION

I certify that to the best of my knowledge death occurred at the hour, date and place stated from the causes stated.

27A. Decedent Attended Since Month. Day. Year	Decedent Last Seen Alive Month. Day. Year	27B. Signature and Degree or Title of Physician	27C. Physician's License Number	27D. Date Signed
2/19/86	Jan. 21, 1991	William E. White M.D.	C8699	1-23-91

27E. Type Attending Physician's Name and Address: William E. White M.D. 245 W. Sierra Madre Blvd. Sierra Madre, Calif.

CORONER'S USE ONLY

I certify that in my opinion death occurred at the hour, date and place stated from the causes stated.

28A. Signature and Title of Coroner or Deputy Coroner: ▶ 28B. Date Signed

29. Manner of Death—specify one: natural, accident, suicide, homicide, pending investigation or could not be determined	30A. Place of Injury	30B. Injury at Work	30C. Date of Injury Month. Day. Year	31. Hour
		☐ Yes ☐ No		

32. Location (Street and Number or Location and City)

33. Describe how injury occurred (Events which resulted in injury)

3

FUNERAL DIRECTOR AND LOCAL REGISTRAR

34A. Disposition(s)	34B. Place of Final Disposition—Name and Address	34C. Date Mo. Day. Year	35A. Signature of Embalmer	35B. License Number
CR/BU	Mt. View Crematorim, Altadena,CA	1/25/91	not embalmed	

36A. Name of Funeral Director (or Person Acting as Such)	36B. License No.	37. Signature of Local Registrar	38. Registration Date
Glasser-Miller-Lamb Mortuary	747	▶ Robert C. Hall by	JAN 24 1991

STATE REGISTRAR

A.	B.	C.	D.	E.	F.	Census Tract

VS-11 (REV. 3-89) MAKE NO ERASURES, WHITEOUTS, OR OTHER ALTERATIONS

THIS IS A TRUE CERTIFIED COPY OF THE RECORD FILED IN THE COUNTY OF LOS ANGELES DEPARTMENT OF HEALTH SERVICES IF IT BEARS THIS SEAL IN PURPLE INK.

JAN 24 1991

3

Director of Health Services and Registrar

1160 W. Pioneer Avenue
1160 W. Pioneer Avenue
Redlands, CA 92374

Inquiry Number: 6891882.8
March 09, 2022

EDR Building Permit Report

Target Property and Adjoining Properties

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
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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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquires (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.

EDR® Environmental Data Resources Inc

BUILD FAX PROPERTY HISTORY

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of Petra Geotechnical Inc on Mar 09, 2022.

TARGET PROPERTY

1160 W. Pioneer Avenue
Redlands, CA 92374

SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

RESEARCH SUMMARY

Building permits identified: **YES**

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.

Redlands

Year	*Source*	*TP*	*Adjoining*
2022	City of Redlands, Building & Safety Department		
2021	City of Redlands, Building & Safety Department		
2020	City of Redlands, Building & Safety Department		
2019	City of Redlands, Building & Safety Department		
2018	City of Redlands, Building & Safety Department		
2017	City of Redlands, Building & Safety Department		
2016	City of Redlands, Building & Safety Department		
2015	City of Redlands, Building & Safety Department		
2014	City of Redlands, Building & Safety Department		
2013	City of Redlands, Building & Safety Department		
2012	City of Redlands, Building & Safety Department		
2011	City of Redlands, Building & Safety Department		
2010	City of Redlands, Building & Safety Department		
2009	City of Redlands, Building & Safety Department		
2008	City of Redlands, Building & Safety Department		
2007	City of Redlands, Building & Safety Department		
2006	City of Redlands, Building & Safety Department		X

Name: JurisdictionName
Years: Years
Source: Source
Phone: Phone

BUILDING DEPARTMENT RECORDS SEARCHED

Name: Redlands
Years: 2006-2022
Source: City of Redlands, Building & Safety Department, REDLANDS, CA
Phone: (909) 798-7551

Name: Burbank
Years: 1970-2021
Source: City of Burbank, Building Division, BURBANK, CA
Phone: (818) 238-5220

Name: Hanford
Years: 1995-2022
Source: City of Hanford, Building Division, HANFORD, CA
Phone: (559) 585-2581

Name: San Bernardino County
Years: 1970-2022
Source: San Bernardino County, Land Use, Building & Safety, San Bernardino, CA
Phone: (909) 387-8311

TARGET PROPERTY FINDINGS

TARGET PROPERTY DETAIL

1160 W. Pioneer Avenue
Redlands, CA 92374

No Permits Found

ADJOINING PROPERTY FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

W PIONEER AVE

27630 W PIONEER AVE

Date:	**12/12/2006**
Permit Type:	**BCM**
Description:	**INSTALLATION OF EQUIP CABINETS, AND 6 ANTENNAS AT AN EXISTING CELL SITE**
Permit Description:	**B-Commercial Miscellaneous**
Work Class:	
Proposed Use:	
Permit Number:	B06-02047
Status:	VOID
Valuation:	$50,000.00
Contractor Company:	
Contractor Name:	

GLOSSARY

General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeymen:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other commons reason for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

GLOSSARY

Permit Content Definitions

- Permit Number: The alphanumerical designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- Description: A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use (s) of the property.
- Permit Type: Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

Sample Building Permit Data

Date: Nov 09, 2000
Permit Type: Bldg -
New Permit Number: 101000000405
Status: Valuation: $1,000,000.00
Contractor Company: OWNER-BUILDER
Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.

1160 W. Pioneer Avenue

1160 W. Pioneer Avenue

Redlands, CA 92374

Inquiry Number: 6891882.11

March 09, 2022

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

03/09/22

Site Name:

1160 W. Pioneer Avenue
1160 W. Pioneer Avenue
Redlands, CA 92374
EDR Inquiry # 6891882.11

Client Name:

Petra Geotechnical Inc
40880 County Center Drive, Suite M
Temecula, CA 92591
Contact: Jon Cain

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
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2002	1"=500'	Acquisition Date: January 01, 2002	USGS/DOQQ
1994	1"=500'	Acquisition Date: January 01, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: August 15, 1989	USDA
1985	1"=500'	Flight Date: July 28, 1985	USDA
1975	1"=500'	Flight Date: December 01, 1975	USGS
1968	1"=500'	Flight Date: August 22, 1968	USDA
1966	1"=500'	Flight Date: April 16, 1966	USGS
1959	1"=500'	Flight Date: June 22, 1959	USDA
1953	1"=500'	Flight Date: January 15, 1953	USDA
1949	1"=500'	Flight Date: May 08, 1949	USDA
1938	1"=500'	Flight Date: July 04, 1938	USDA
1930	1"=500'	Flight Date: March 25, 1930	FAIR

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INQUIRY #: 6891882.11

YEAR: 2016

= 500'

N

EDR



INQUIRY #: 6891882.11

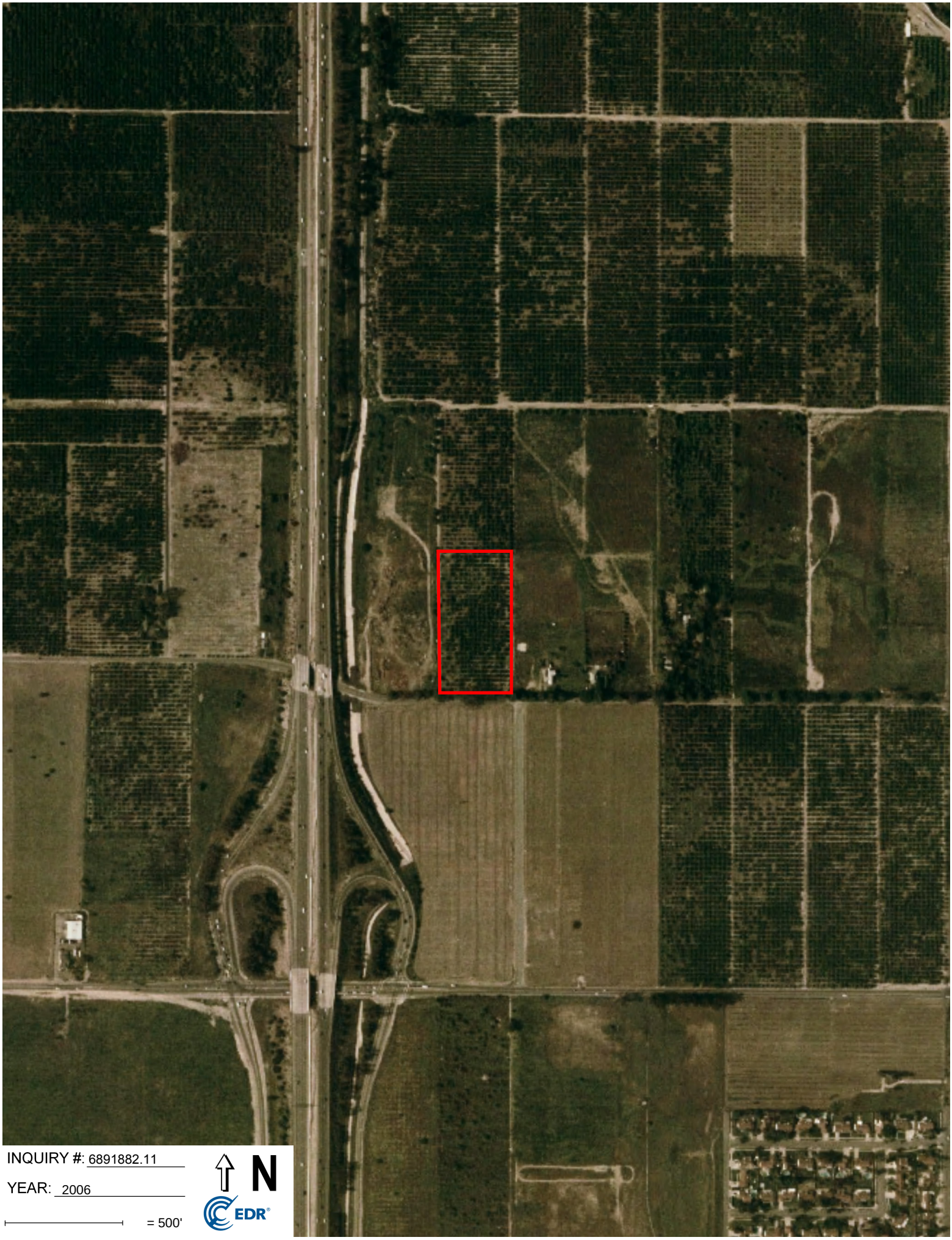
YEAR: 2012

= 500'

N

EDR


INQUIRY #: 6891882.11
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 6891882.11
YEAR: 2006
= 500'
N
EDR


INQUIRY #: 6891882.11
YEAR: 2002
= 500'
N
EDR


INQUIRY #: 6891882.11
YEAR: 1994
= 500'
N
EDR


INQUIRY #: 6891882.11
YEAR: 1989
= 500'
N
EDR


INQUIRY #: 6891882.11
YEAR: 1985
= 500'
N
EDR



INQUIRY #: 6891882.11

YEAR: 1975

= 500'

N

EDR


INQUIRY #: 6891882.11
YEAR: 1968
= 500'
N
EDR


INQUIRY #: 6891882.11
YEAR: 1966
= 500'
N
EDR



INQUIRY #: 6891882.11

YEAR: 1959

= 500'

N

EDR



INQUIRY #: 6891882.11

YEAR: 1953

= 500'

N

EDR


INQUIRY #: 6891882.11
YEAR: 1949
= 500'
N
EDR



INQUIRY #: 6891882.11

YEAR: 1938

= 500'

N

EDR



INQUIRY #: 6891882.11

YEAR: 1930

= 500'

N

EDR

APPENDIX D

INTERVIEWS

PETRA GEOSCIENCES, INC.
40880 County Center Dr., Suite R, Temecula, CA * (951) 600-9271 * (951) 719-1499

PHASE I USER/CLIENT QUESTIONNAIRE

The purpose of this questionnaire is to obtain information from the client regarding the Property.

Date Sent to Client , 2019 March 15, 2022 Date Received from Client March 15, 2022

A. SITE INFORMATION

1. Property Name/APN: Emm - APN: 0167-061-03-0000

2. Location (If a map is available, please include it): Redlands, CA

3. Why is the Phase I required? (Development as a residential parcel, protection from CERCLA liability, etc?): Residential development

4. Is there an Interview Contact for this job? (A current owner, operator, or someone with knowledge of the history and/or processes occurring at the site). ☑ Yes ☐ No

   If yes, please provide the following information:
   Person to be interviewed: Kevin Frejlach - Broker
   Title/Company: Daum - VP
   Phone number and/or email address: 909-980-1234

5. Do you have any reports for this job (such as previous Phase I's, biology reports, cultural resource reports, geotechnical reports, etc.) ☐ Yes ☑ No

   If yes, please provide them for Petra to review. *Date Received from Client*_____

6. As part of our assessment, Petra contacts local agencies to obtain miscellaneous information about the project site such as previous investigations, zoning, and flood zone. Do you have any current restrictions regarding Petra contacting these agencies?

   ☐ Yes ☑ No

   If yes, please contact us to discuss further.

B. SITE ACESS

1. Does Petra have access to the property at this time? ☑ Yes ☐ No

2. Are there any access restrictions such as a locked gate or required insurance forms? no

3. Is there a site manager that Petra needs to contact prior to visiting the site? no

PETRA GEOSCIENCES, INC.
40880 County Center Dr., Suite R, Temecula, CA * (951) 600-9271 * (951) 719-1499

C. LANDOWNER LIABILITY PROTECTIONS

In order to qualify for one of the Landowner Liability Protections offered by the Small Business liability Relief and Brownfields Revitalization of 2001 (the "Brownfields Amendments"), the client must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

1. Are you aware of any environmental clean-up liens against the property that are filed or recorded under federal, tribal, state, or local law? (40 CFR 312.25) ☐ Yes ☑ No

   If no, have you or will you conduct a search for any environmental cleanup liens against the property that are filed or recorded in a registry? ☐ Yes ☑ No

   If yes, please provide Petra with this information. _____
   _____
   _____

   If no, do you require Petra to complete this task? ☑ Yes ☐ No

2. Are you aware of any activity and land use limitations (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place on or for the site and/or have been filed or that environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law? (40 CFR 312.25) ☐ Yes ☑ No

   If no, have you or will you conduct a search for any AULs against the property that are filed or recorded in a registry? ☐ Yes ☑ No

   If yes, please provide Petra with this information. _____
   _____
   _____

   If no, do you require Petra to complete this task? ☑ Yes ☐ No

3. As the user of this Environmental Site Assessment, do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the potential chemicals and processes used by this type of business?
   ☐ Yes ☑ No

   If yes, please provide Petra with this information. _____
   _____
   _____

PETRA GEOSCIENCES, INC.
40880 County Center Dr., Suite R, Temecula, CA * (951) 600-9271 * (951) 719-1499

4. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? ☑ Yes ☐ No

   If you conclude that there is a difference, have you considered whether the lower purchase price is because of any environmental concerns are known or believed to be present at the property?
   ☐ Yes ☐ No

   If yes, please provide Petra with that information. _____
   _____
   _____

5. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of hazardous materials/chemical releases or threatened releases? For example,

   A. Do you know the past uses of the property? ☐ Yes ☑ No

   If yes, please provide Petra with the information. _____
   _____
   _____

   B. Do you know of specific chemicals that are present or once were present at the property?
   ☐ Yes ☑ No
   If yes, please provide Petra with the information. _____
   _____
   _____

   C. Do you know of spills or other chemical releases that have taken place at the property?
   ☐ Yes ☑ No
   If yes, please provide Petra with the information. _____
   _____
   _____

   D. Do you know of any environmental cleanups that have taken place at the property or adjacent properties? ☐ Yes ☑ No

   If yes, please provide Petra with the information. _____
   _____
   _____

6. As the user of this ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?
   ☐ Yes ☑ No
   If yes, please provide Petra with the information. _____
   _____
   _____

User/Client Representative: Trevor White _____ Date: 3-15-22
(sign and print name)

PETRA GEOSCIENCES, INC.
40880 County Center Dr., Suite R, Temecula, CA * (951) 600-9271 * (951) 719-1499

PHASE I PROPERTY OWNER INTERVIEW QUESTIONNAIRE

The purpose of this questionnaire is to obtain information from knowledgeable individuals regarding the Subject Site. This questionnaire will become part of the assessment report.

A. SITE INFORMATION

Project Number: _____ Property Location: APN 0167-061-03-0000

B. INTERVIEW INFORMATION

Date/Time: 4/22/22
Interviewer: _____
Person Interviewed: Patricia Bernard
Title/Company: _____

☐ In Person
☐ By Telephone, Number: _____
☐ By Facsimile, Number: _____
☒ Email: _____

1. What is your relationship to the property? ½ owner of property

2. Do you have good knowledge regarding the uses and physical characteristics of the property?
☒ Yes
☐ No If not, who does? _____ Phone Number: _____

3. Do you have good knowledge regarding the activities/processes conducted at the property?
☒ Yes
☐ No If not, who does? _____ Phone Number: _____

C. PROPERTY INFORMATION

1. To the best of your knowledge, what are the current and past uses of the property? Please describe with approximate dates.

Orange Grove 1900(?)-8/2007
Empty lot 2008-2022

2. To your knowledge, are there:

Hazardous substances present on the site? ☐Yes ☒No
Petroleum products present on the site? ☐Yes ☒No

If the preceding items are present, are there indications of any of the following:

An existing release? ☐Yes ☐No
A past release? ☐Yes ☐No
A threat of their release? ☐Yes ☐No

If yes to any of the above, please describe: _____

_____

_____

3. Are you aware of the presence of any of the following either currently or previously on the property or any nearby properties:

Potential Recognized Environmental Conditions	Site		Adjacent	
Hazardous substances?	☐ Yes	☒ No	☐ Yes	☒ No
Petroleum products?	☐ Yes	☒ No	☐ Yes	☒ No
Chemicals?	☐ Yes	☒ No	☐ Yes	☒ No
Asbestos or asbestos-containing materials?	☐ Yes	☒ No	☐ Yes	☒ No
Lead-based paints?	☐ Yes	☒ No	☐ Yes	☒ No
Underground storage tanks?	☐ Yes	☒ No	☐ Yes	☒ No
Above-ground storage tanks?	☐ Yes	☒ No	☐ Yes	☒ No
Oil Wells?	☐ Yes	☒ No	☐ Yes	☒ No
Sumps?	☐ Yes	☒ No	☐ Yes	☒ No

If yes to any of the above, please describe: _____

_____

_____

4. Are you aware of any current or previous uses of the property or nearby properties that would suggest the presence of the foregoing items, substances, or materials? ☐Yes ☒No

If yes to any of the above, please describe: _____

_____

_____

5. To your knowledge, are there any utility corridors on the property? ☐Yes ☒No

If yes to any of the above, please describe: _____

_____

6. To your knowledge, are you aware of any of the following on the property:

Water Wells?	☐Yes ☒No	Disposal Wells?	☐Yes ☒No
Clarifiers?	☐Yes ☒No	Underground Irrigation Systems?	☐Yes ☒No

If yes to any of the above, please describe: _____

_____

_____

7. Are there any occupants on the property? ☐Yes ☒No

If yes to any of the above, please describe: _____

_____

8. Do you have good knowledge regarding the identity of any existing documents relating to the property?
☒Yes
☐No If not, who does? _____ Phone Number: _____

9. To your knowledge, do any of the following documents exist with respect to the subject property? If yes, please name the document and comment upon whether it is available for review.

Document	Yes	No	Name/Availability
Environmental site assessment reports?		X	
Environmental audit reports?		X	
Environmental permits?		X	
Storage tank registration?		X	
Material safety data sheets (MSDS)?		X	
Community right-to-know plans?		X	
Safety plans?		X	
Spill Prevention, Countermeasure, & Control Plans?		X	
Illness and Injury Prevention Plans?		X	
Reports regarding hydrogeologic conditions on the property or surrounding area?		X	
Hazardous waste generator notices or reports?		X	
Geotechnical studies?		X	

10. To your knowledge, do any of the following exist with respect to the subject property?

a. Notices or other correspondence from any government agency relating to past or current violations of environmental laws? ☐Yes ☒No

If yes to any of the above, please describe: _____

b. Notices or other correspondence from any government agency relating to environmental liens encumbering the property? ☐Yes ☒No

If yes to any of the above, please describe: _____

c. Pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances, or petroleum products in, on, or from the property? ☐Yes ☒No

If yes to any of the above, please describe: _____

d. Notices from any government al entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products? ☐Yes ☒No

If yes to any of the above, please describe: _____

11. Please provide any additional information relative to this project.

_____

Owner/Representative: Patricia Bernard, trustee, partner Date: 4/22/22
(sign and print name) Patricia Bernard

APPENDIX E

RESUMES

JONATHAN CAIN

MR. JONATHAN CAIN
Title: Senior Project Geologist

EDUCATION
BS, Geology, Radford University, Radford, Virginia

Mr. Cain has been in the field of Engineering Geology since 1984. As a project manager he has supervised field personnel and coordinated outside services for implementing geologic and geotechnical investigations for numerous new and/or forensic (distress) site evaluations. His projects have included geotechnical evaluations of hillside and flatland sites, landslide and fault evaluations along with evaluation of damages caused by consolidation or expansive soil conditions and moisture emissions through concrete slabs. Mr. Cain has also managed and conducted numerous environmental projects with special emphasis on Phase I Environmental Site Assessments and Phase II Soil and Groundwater Assessments for vacant, residential and commercial properties.

SELECT PROJECT EXPERIENCE

Environmental Investigations
- Phase I and Limited Phase II investigation, March 2012, KB Homes, Hollywood Beverly Christian Church, Hollywood
- Phase I and Phase II Investigation, January 2012, Meridian Land Development, Casa Blanca Ranch, Yucaipa
- Limited Phase II near-surface soil investigation, September 2011, Long Beach Unified School District, Newcomb Academy, Long Beach
- Limited Phase II near-surface soil investigation, September 2011, Long Beach Unified School District, Roosevelt Elementary School, Long Beach
- Phase I site assessment, July 2011, Castle & Cooke, Lake Elsinore Outlet Mall, Lake Elsinore
- Phase I site assessment, November 2010, Carlsbad Volvo Dealership, Carlsbad
- Phase I site assessment, August 2010; TRS Consultants, Shadow Run Project, Pauma Valley
- Phase I site assessment and report preparation, August 2010; Ryland Homes, Alberhill Ranch Project, City of Lake Elsinore
- Phase I site assessment and report preparation, August 2010; KB Home, Paradiso Project, Indio
- Phase I site assessment, July 2010; Meritage Homes, Rancho 23 Project, Rancho Cucamonga
- Limited Phase II site assessment, July 2010; TRS Consultants, Brisa Del Mar Project, Bonsall

Forensic Distress Investigations
- Big Rock Mesa Landslide, Malibu
- Via Allegre Landslide, San Clemente
- Leighton Street Landslide, Oahu, Hawaii
- Temple Hills Landslide, Laguna Beach
- Crown Cove Landslide, Laguna Beach
- Avenida de Santiago Landslide, Anaheim Hills

JONATHAN CAIN

Public Agency
- Ocean Beach Bikeway Extension, City of San Diego, San Diego

Educational Facility
- Extensive Fault Investigations, Mt. San Jacinto College Community College District, Menifee

Entertainment/Hospitality
- Design of Soldier-Pile Retaining Wall for Proposed Casino/Resort/Hotel, Jamul Band of Indians, Jamul

Transportation
- Geotechnical Investigation, Mariposa Avenue Bridge and Corrine Way Bridge, Tract 22100, KB Home Costal, Inc., Mockingbird Canyon Area, Riverside County
- Geotechnical Investigation, Nordahl Road Bridge, City of Escondido, San Diego County
- Ocean Beach Bikeway Extension, City of San Diego, San Diego County

Mass Grading
- Sweetwater Ranch Development, Classic Pacific Homes, French Valley Area, Riverside County
- Centex Hemet Development, Centex Homes, City of Hemet, Riverside County
- Bridle Creek Development, William Lyon Homes, Inc., Mockingbird Canyon Area, Riverside County
- Alicante Development, KB Home Costal, Inc., Mockingbird Canyon Area, Riverside County
- Nandina Limited Edition Estate Homes, Flatiron Land Company, Inc., Mockingbird Canyon Area, Riverside County
- Artisan San Jacinto, Artisan Communities, City of San Jacinto, Riverside County

Residential
- Geotechnical Investigation, Approximately 9.5-Acre Site, Darling Development Group, Mockingbird Canyon Area, Riverside County
- Geotechnical Investigation, Approximately 45.6-Acre Site, Pelican Homes, Cajalco Road, Lake Mathews Area, Riverside County
- Geotechnical Investigation, Approximately 40.5-Acre Site, Vista Ranch Development LLC, Woodcrest Area, Riverside County
- Geotechnical Investigation, Proposed Borrow Area Adjacent Tract 31118, Classic Pacific Homes, French Valley Area, Riverside County California
- Geotechnical Investigation, Gavalin Hills, Baker & Baker, Lake Mathews Area, Riverside County

SIAMAK JAFROUDI

DR. SIAMAK JAFROUDI
President
Principal-in-Charge

EDUCATION
PhD, Geotechnical Engineering, 1983,
UC Davis
MS, Civil Engineering, 1978, UC Davis

REGISTRATIONS
Civil Engineering, California, PE 36641
Geotechnical Engineer, California, GE 2024
Environmental Assessor, REA 01655

PROFESSIONAL SUMMARY
Dr. Jafroudi has over 34 years of professional experience in geotechnical engineering. His area of specialization is “material characterization” in relation to slope stability evaluation, liquefaction analysis, pavement design, collapse potential, earth retaining structures and earthquake engineering. Dr. Jafroudi’s experience encompasses the design and supervision of a multitude of soil mechanics laboratory tests and drilling programs. With a broad range of project experience, he has served as a Principal Engineer on several key projects for such clients as school, university and college districts, public agencies; transportation agencies; residential and commercial developers, as well as private sector clients.

Acquiring a doctorate degree in Geotechnical Engineering as well as a Master of Science degree in Civil Engineering, Dr. Jafroudi maintains extensive working knowledge and experience with respect to these challenging fields. Dr. Jafroudi is a Registered Geotechnical Engineer (GE), a Registered Environmental Assessor (REA), and is registered in Civil Engineering (PE), all in the state of California. Additionally, he is an active member of the American Society of Civil Engineers, the Earthquake Engineering Research Institute and California Geotechnical Engineering Association.

SELECTED PROJECT EXPERIENCE

Environmental Site Assessments
- KB Homes, Hollywood Beverly Christian Church, Hollywood
- Castle & Cooke, Lake Elsinore Outlet Mall, Lake Elsinore
- Covina Transit Plaza, Foothill Transit, Covina
- First Street Bridge Widening, Los Angeles County
- Overland Street Bridge Improvements, Los Angeles County
- 801 Office Tower, Mani Brothers, Los Angeles
- Harmony Grove Site Acquisition, New Urban West, San Diego County
- Site Acquisitions, County of Los Angeles Office of Education, Los Angeles
- Eleven Projects, City of Mission Viejo, Mission Viejo
- Site Acquisitions, Paramount USD, Paramount
- Site Acquisitions, Santa Ana USD, Santa Ana
- Site Acquisition, Nevis Construction, Chino Hills
- Site Acquisitions, Moreno Valley USD, Moreno Valley
- Corona Farms, Confidential Client, Corona
- Amusement Park, Confidential Client, Orange County
- Nursery Site, Confidential Client, Sylmar

APPENDIX F

LABORATORY TEST RESULTS AND CHAIN OF CUSTODY

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: March 24, 2022

Mr. Jon Cain
Petra Geotechnical, Inc
40880 County Center Dr
Temecula, CA 92591
Tel:(951)830-9455 E-Mail: JCain@Petra-Inc.com

Project: **22-199**
Lab I.D.: **220317-35 through -56**

Dear Mr. Cain:

The **analytical results** for the soil samples, received by our laboratory on March 17, 2022, are attached. The samples were received chilled, intact, and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President

Pearl Wong
Quality Manager

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or Manager's Designee, as verified by the above signature which applies to this PDS File as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of ELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Petra Geotechnical**
40880 County Center Dr., Temecula, CA 92591
Tel:(951)830-9455 E-Mail: JCain@Petra-Inc.com

PROJECT: **22-199**
MATRIX:SOIL
SAMPLING DATE:03/16/22
REPORT TO:MR. JON CAIN
DATE RECEIVED:03/17/22
DATE ANALYZED:03/18/22
DATE REPORTED:03/24/22

EPA 6010B FOR TTLC-ARSENIC
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ARSENIC RESULT	DF
HA-3@0.5	220317-39	ND	1
HA-6@0.5 Dup	220317-46	ND	1
HA-6@0.5	220317-47	ND	1
HA-10@1.5	220317-56	ND	1
Method Blank	---	ND	1
	PQL	0.50	

COMMENTS:
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = DF X PQL
ND = Non-Detected or below the Actual Detection Limit
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
STLC Limit for Arsenic = 5 PPM
* = STLC analysis is recommended (if marked)
*** = The concentration exceeds the TTLC Limit @ 500 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Petra Geotechnical**
40880 County Center Dr., Temecula, CA 92591
Tel:(951)830-9455 E-Mail: JCain@Petra-Inc.com

PROJECT: **22-199**
MATRIX:SOIL
SAMPLING DATE:03/16/22
REPORT TO:MR. JON CAIN
DATE RECEIVED:03/17/22
DATE ANALYZED:03/18/22
DATE REPORTED:03/24/22

SAMPLE I.D.: **HA-2@0.5**
LAB I.D.: 220317-37

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.5	1	500	5.0	6010B
Barium(Ba)	70.3	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	1.49	0.5	1	100	1.0	6010B
Chromium Total(Cr)	23.9	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.2	-	500	5.0	7196A
Cobalt(Co)	10.1	1.0	1	8,000	80	6010B
Copper(Cu)	20.4	1.0	1	2,500	25	6010B
Lead(Pb)	31.2	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.034	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	12.3	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	43.2	5.0	1	2,400	24	6010B
Zinc(Zn)	83.2	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Petra Geotechnical**
40880 County Center Dr., Temecula, CA 92591
Tel:(951)830-9455 E-Mail: JCain@Petra-Inc.com

PROJECT: **22-199**
MATRIX:SOIL
SAMPLING DATE:03/16/22
REPORT TO:MR. JON CAIN
DATE RECEIVED:03/17/22
DATE ANALYZED:03/18/22
DATE REPORTED:03/24/22

SAMPLE I.D.: **HA-7@0.5'**
LAB I.D.: 220317-49

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.5	1	500	5.0	6010B
Barium(Ba)	71.5	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	1.58	0.5	1	100	1.0	6010B
Chromium Total(Cr)	25.5	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.2	-	500	5.0	7196A
Cobalt(Co)	10.4	1.0	1	8,000	80	6010B
Copper(Cu)	17.9	1.0	1	2,500	25	6010B
Lead(Pb)	30.4	0.5	1	1,000	5.0	6010B
Mercury(Hg)	0.038	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	13.0	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	44.0	5.0	1	2,400	24	6010B
Zinc(Zn)	80.9	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: **Petra Geotechnical**
40880 County Center Dr., Temecula, CA 92591
Tel:(951)830-9455 E-Mail: JCain@Petra-Inc.com

PROJECT: **22-199**
MATRIX:SOIL
SAMPLING DATE:03/16/22
REPORT TO:MR. JON CAIN
DATE RECEIVED:03/17/22
DATE ANALYZED:03/18/22
DATE REPORTED:03/24/22

METHOD BLANK FOR LAB I.D.: 220317-37, -49

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.5	1	500	5.0	6010B
Barium(Ba)	ND	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	ND	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.2	-	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	ND	1.0	1	2,500	25	6010B
Lead(Pb)	ND	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	ND	5.0	1	2,400	24	6010B
Zinc(Zn)	ND	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 3/18/2022

Unit : mg/Kg(ppm)

Analysis	Spk.Sample ID	CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic(As)	220317-20	50.0	104	PASS	6.72	50.0	57.5	102%	58.2	103%	1%
Chromium(Cr)	220317-20	50.0	106	PASS	21.1	50.0	72.3	102%	73.5	105%	2%
Lead(Pb)	220317-20	50.0	107	PASS	28.0	50.0	78.3	101%	78.7	101%	1%

ANALYSIS DATE. : 3/18/2022

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	220317-6	0.125	96	PASS	0.036	0.125	0.138	82%	0.143	86%	5%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic(As)	PASS	PASS	PASS	PASS
Chromium(Cr)	PASS	PASS	PASS	PASS
Lead(Pb)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	**75 ~ 125**	**75 ~ 125**	**85 ~ 115**	**0 ~ 20**

ANALYST: _____

FINAL REVIEWER: _____

*=Fail due to matrix interference

Note:LCS is in control therefore results are in control

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Petra Geotechnical**
40880 County Center Dr., Temecula, CA 92591
Tel:(951)830-9455 E-Mail: JCain@Petra-Inc.com

PROJECT: **22-199**

MATRIX:SOIL
SAMPLING DATE:03/16/22
REPORT TO:MR. JON CAIN

DATE RECEIVED:03/17/22
DATE EXTRACTED:03/23/22
DATE ANALYZED:03/23/22
DATE REPORTED:03/24/22

SAMPLE I.D.: **HA-1@0.5 & HA-2@0.5 (Composite)**
LAB I.D.: 220317-35/-37 (Composite)

Organochlorine Pesticides Analysis
Method: EPA 8081A
Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	50
alpha-BHC	ND	0.001	50
beta-BHC	ND	0.001	50
gamma-BHC (Lindane)	ND	0.001	50
delta-BHC	ND	0.001	50
alpha-Chlordane	ND	0.001	50
gamma-Chlordane	ND	0.001	50
Total Chlordane (Technical)	ND	0.005	50
4,4'-DDD	ND	0.001	50
4,4'-DDE	0.345	0.001	50
4,4'-DDT	0.056	0.001	50
Dieldrin	ND	0.001	50
Endosulfan I	ND	0.001	50
Endosulfan II	ND	0.001	50
Endosulfan Sulfate	ND	0.001	50
Endrin	ND	0.001	50
Endrin Aldehyde	ND	0.001	50
Endrin Ketone	ND	0.001	50
Heptachlor Epoxide	ND	0.001	50
Heptachlor	ND	0.001	50
Methoxyclor	ND	0.001	50
Toxaphene	ND	0.020	50

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Petra Geotechnical**
40880 County Center Dr., Temecula, CA 92591
Tel:(951)830-9455 E-Mail: JCain@Petra-Inc.com

PROJECT: **22-199**

MATRIX:SOIL
SAMPLING DATE:03/16/22
REPORT TO:MR. JON CAIN

DATE RECEIVED:03/17/22
DATE EXTRACTED:03/23/22
DATE ANALYZED:03/23/22
DATE REPORTED:03/24/22

SAMPLE I.D.: **HA-3@0.5 & HA-4@0.5 (Composite)**
LAB I.D.: 220317-39/-41 (Composite)

Organochlorine Pesticides Analysis
Method: EPA 8081A
Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	200
alpha-BHC	ND	0.001	200
beta-BHC	ND	0.001	200
gamma-BHC (Lindane)	ND	0.001	200
delta-BHC	ND	0.001	200
alpha-Chlordane	ND	0.001	200
gamma-Chlordane	ND	0.001	200
Total Chlordane (Technical)	ND	0.005	200
4,4'-DDD	ND	0.001	200
4,4'-DDE	1.02	0.001	200
4,4'-DDT	0.232	0.001	200
Dieldrin	ND	0.001	200
Endosulfan I	ND	0.001	200
Endosulfan II	ND	0.001	200
Endosulfan Sulfate	ND	0.001	200
Endrin	ND	0.001	200
Endrin Aldehyde	ND	0.001	200
Endrin Ketone	ND	0.001	200
Heptachlor Epoxide	ND	0.001	200
Heptachlor	ND	0.001	200
Methoxyclor	ND	0.001	200
Toxaphene	ND	0.020	200

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: **Petra Geotechnical**
40880 County Center Dr., Temecula, CA 92591
Tel:(951)830-9455 E-Mail: JCain@Petra-Inc.com

PROJECT: **22-199**

MATRIX:SOIL
SAMPLING DATE:03/16/22
REPORT TO:MR. JON CAIN

DATE RECEIVED:03/17/22
DATE EXTRACTED:03/23/22
DATE ANALYZED:03/23/22
DATE REPORTED:03/24/22

SAMPLE I.D.: **HA-5@0.5 & HA-6@0.5 (Composite)**
LAB I.D.: 220317-43/-47 (Composite)

Organochlorine Pesticides Analysis
Method: EPA 8081A
Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	500
alpha-BHC	ND	0.001	500
beta-BHC	ND	0.001	500
gamma-BHC (Lindane)	ND	0.001	500
delta-BHC	ND	0.001	500
alpha-Chlordane	ND	0.001	500
gamma-Chlordane	ND	0.001	500
Total Chlordane (Technical)	ND	0.005	500
4,4'-DDD	ND	0.001	500
4,4'-DDE	2.10	0.001	500
4,4'-DDT	ND	0.001	500
Dieldrin	ND	0.001	500
Endosulfan I	ND	0.001	500
Endosulfan II	ND	0.001	500
Endosulfan Sulfate	ND	0.001	500
Endrin	ND	0.001	500
Endrin Aldehyde	ND	0.001	500
Endrin Ketone	ND	0.001	500
Heptachlor Epoxide	ND	0.001	500
Heptachlor	ND	0.001	500
Methoxyclor	ND	0.001	500
Toxaphene	ND	0.020	500

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Petra Geotechnical**
40880 County Center Dr., Temecula, CA 92591
Tel:(951)830-9455 E-Mail: JCain@Petra-Inc.com

PROJECT: **22-199**

MATRIX:SOIL
SAMPLING DATE:03/16/22
REPORT TO:MR. JON CAIN

DATE RECEIVED:03/17/22
DATE EXTRACTED:03/23/22
DATE ANALYZED:03/23/22
DATE REPORTED:03/24/22

SAMPLE I.D.: **HA-5@0.5 Duplicate & HA-6@0.5 Duplicate (Composite)**
LAB I.D.: 220317-45/-46 (Composite)

Organochlorine Pesticides Analysis
Method: EPA 8081A
Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	200
alpha-BHC	ND	0.001	200
beta-BHC	ND	0.001	200
gamma-BHC (Lindane)	ND	0.001	200
delta-BHC	ND	0.001	200
alpha-Chlordane	ND	0.001	200
gamma-Chlordane	ND	0.001	200
Total Chlordane (Technical)	ND	0.005	200
4,4'-DDD	ND	0.001	200
4,4'-DDE	1.40	0.001	200
4,4'-DDT	0.280	0.001	200
Dieldrin	ND	0.001	200
Endosulfan I	ND	0.001	200
Endosulfan II	ND	0.001	200
Endosulfan Sulfate	ND	0.001	200
Endrin	ND	0.001	200
Endrin Aldehyde	ND	0.001	200
Endrin Ketone	ND	0.001	200
Heptachlor Epoxide	ND	0.001	200
Heptachlor	ND	0.001	200
Methoxyclor	ND	0.001	200
Toxaphene	ND	0.020	200

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Petra Geotechnical**
40880 County Center Dr., Temecula, CA 92591
Tel:(951)830-9455 E-Mail: JCain@Petra-Inc.com

PROJECT: **22-199**

MATRIX:SOIL
SAMPLING DATE:03/16/22
REPORT TO:MR. JON CAIN

DATE RECEIVED:03/17/22
DATE EXTRACTED:03/23/22
DATE ANALYZED:03/23/22
DATE REPORTED:03/24/22

SAMPLE I.D.: **HA-7@0.5 & HA-8@0.5 (Composite)**
LAB I.D.: 220317-49/-51 (Composite)

Organochlorine Pesticides Analysis
Method: EPA 8081A
Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	100
alpha-BHC	ND	0.001	100
beta-BHC	ND	0.001	100
gamma-BHC (Lindane)	ND	0.001	100
delta-BHC	ND	0.001	100
alpha-Chlordane	ND	0.001	100
gamma-Chlordane	ND	0.001	100
Total Chlordane (Technical)	ND	0.005	100
4,4'-DDD	ND	0.001	100
4,4'-DDE	0.655	0.001	100
4,4'-DDT	0.342	0.001	100
Dieldrin	ND	0.001	100
Endosulfan I	ND	0.001	100
Endosulfan II	ND	0.001	100
Endosulfan Sulfate	ND	0.001	100
Endrin	ND	0.001	100
Endrin Aldehyde	ND	0.001	100
Endrin Ketone	ND	0.001	100
Heptachlor Epoxide	ND	0.001	100
Heptachlor	ND	0.001	100
Methoxyclor	ND	0.001	100
Toxaphene	ND	0.020	100

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Petra Geotechnical**
40880 County Center Dr., Temecula, CA 92591
Tel:(951)830-9455 E-Mail: JCain@Petra-Inc.com

PROJECT: **22-199**

MATRIX:SOIL
SAMPLING DATE:03/16/22
REPORT TO:MR. JON CAIN

DATE RECEIVED:03/17/22
DATE EXTRACTED:03/23/22
DATE ANALYZED:03/23/22
DATE REPORTED:03/24/22

SAMPLE I.D.: **HA-9@0.5 & HA-10@0.5 (Composite)**
LAB I.D.: 220317-53/-55 (Composite)

Organochlorine Pesticides Analysis
Method: EPA 8081A
Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	200
alpha-BHC	ND	0.001	200
beta-BHC	ND	0.001	200
gamma-BHC (Lindane)	ND	0.001	200
delta-BHC	ND	0.001	200
alpha-Chlordane	ND	0.001	200
gamma-Chlordane	ND	0.001	200
Total Chlordane (Technical)	ND	0.005	200
4,4'-DDD	ND	0.001	200
4,4'-DDE	1.01	0.001	200
4,4'-DDT	ND	0.001	200
Dieldrin	ND	0.001	200
Endosulfan I	ND	0.001	200
Endosulfan II	ND	0.001	200
Endosulfan Sulfate	ND	0.001	200
Endrin	ND	0.001	200
Endrin Aldehyde	ND	0.001	200
Endrin Ketone	ND	0.001	200
Heptachlor Epoxide	ND	0.001	200
Heptachlor	ND	0.001	200
Methoxyclor	ND	0.001	200
Toxaphene	ND	0.020	200

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: **Petra Geotechnical**
40880 County Center Dr., Temecula, CA 92591
Tel:(951)830-9455 E-Mail: JCain@Petra-Inc.com

PROJECT: **22-199**

MATRIX:SOIL
SAMPLING DATE:03/16/22
REPORT TO:MR. JON CAIN

DATE RECEIVED:03/17/22
DATE EXTRACTED:03/23/22
DATE ANALYZED:03/23/22
DATE REPORTED:03/24/22

METHOD BLANK FOR LAB I.D.:
220317-35/-37 (COMPOSITE), 220317-39/-41 (COMPOSITE),
220317-43/-47 (COMPOSITE), 220317-45/-46 (COMPOSITE),
220317-49/-51 (COMPOSITE), 220317-53/-55 (COMPOSITE)

Organochlorine Pesticides Analysis
Method: EPA 8081A
Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

EPA 8081A QA/QC Report

Matrix: **Soil/Solid/Liquid(Oil)** Date Analyzed: 3/23/2022

Unit: **mg/Kg (ppm)**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 220323-LCS 1/2

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
Gamma-BHC	0.000	0.00500	0.00440	**88%**	0.00447	**89%**	**2%**	**0-20%**	**70-130**
Aldrin	0.000	0.00500	0.00447	**89%**	0.00441	**88%**	**1%**	**0-20%**	**70-130**
4,4-DDE	0.000	0.00500	0.00440	**88%**	0.00452	**90%**	**3%**	**0-20%**	**70-130**

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
Gamma-BHC	0.00500	0.00391	**78%**	**75-125**
Aldrin	0.00500	0.00382	**76%**	**75-125**
4,4-DDE	0.00500	0.00381	**76%**	**75-125**
Dieldrin	0.00500	0.00403	**81%**	**75-125**

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	220317-35, 37	220317-39, 41	220317-43, 47	220317-45, 46	220317-49, 51	220317-53, 55
Tetra-chloro-meta-xylene	50-150	105%	103%	95%	104%	102%	105%	96%
Decachlorobiphenyl	50-150	114%	111%	95%	101%	108%	106%	97%

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.								
Tetra-chloro-meta-xylene	50-150							
Decachlorobiphenyl	50-150							

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.								
Tetra-chloro-meta-xylene	50-150							
Decachlorobiphenyl	50-150							

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

** = Surrogate fail due to matrix interference (If Marked)*

Note: *LCS, MS, MSD are in control therefore results are in control.*

Analyzed and Reviewed By: Amy

Final Reviewer: Ph

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Petra Geotechnical**
40880 County Center Dr., Temecula, CA 92591
Tel:(951)830-9455 E-Mail: JCain@Petra-Inc.com

PROJECT: **22-199**

MATRIX:SOIL
SAMPLING DATE:03/16/22
REPORT TO:MR. JON CAIN

DATE RECEIVED:03/17/22
DATE EXTRACTED:03/20-21/22
DATE ANALYZED:03/21/22
DATE REPORTED:03/24/22

SAMPLE I.D.: **HA-3@0.5 & HA-4@0.5 (Composite)**
LAB I.D.: 220317-39/-41 (Composite)

Chlorinated Herbicides Analysis
Method: EPA 8151A
Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
2,4,5-T	ND	0.020	1
2,4,5-TP (Silvex)	ND	0.020	1
2,4-D	ND	0.200	1
2,4-DB	ND	0.200	1
Dalapon (Dichloroacetic Acid)	ND	0.500	1
Dicamba	ND	0.020	1
Dichloroprop	ND	0.200	1
Dinoseb (DNBP)	ND	0.100	1
MCPA	ND	20.0	1
MCPP	ND	20.0	1

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: **Petra Geotechnical**
40880 County Center Dr., Temecula, CA 92591
Tel:(951)830-9455 E-Mail: JCain@Petra-Inc.com

PROJECT: **22-199**

MATRIX:SOIL
SAMPLING DATE:03/16/22
REPORT TO:MR. JON CAIN

DATE RECEIVED:03/17/22
DATE EXTRACTED:03/20-21/22
DATE ANALYZED:03/21/22
DATE REPORTED:03/24/22

METHOD BLANK FOR LAB I.D.: 220317-39/-41 (Composite)

Chlorinated Herbicides Analysis
Method: EPA 8151A
Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
2,4,5-T	ND	0.020	1
2,4,5-TP (Silvex)	ND	0.020	1
2,4-D	ND	0.200	1
2,4-DB	ND	0.200	1
Dalapon (Dichloroacetic Acid)	ND	0.500	1
Dicamba	ND	0.020	1
Dichloroprop	ND	0.200	1
Dinoseb (DNBP)	ND	0.100	1
MCPA	ND	20.0	1
MCPP	ND	20.0	1

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

QA/QC Report
Analysis: EPA 8151A

Matrix: **Soil/Solid/Liquid** Date Analyzed: **3/21/2022**
Unit: **mg/Kg (PPM)**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 220318-31 MS/MSD

Analyte	S.R.	spk conc	MS	% REC	MSD	% REC	%RPD	ACP %RPD	ACP %REC
2,4,5-T	0	0.050	0.059	**118%**	0.057	**113%**	**4%**	**0-20%**	**50-150**

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
2,4,5-T	0.050	0.052	**104%**	70-130
2,4,5-TP	0.050	0.053	**105%**	70-130
Dinoseb	0.250	0.235	**94%**	70-130

Surrogate Recovery:

Analyte	ACP %	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample ID:		M-BLK	220318-31	220317-39,41				
DCAA	50-150	125%	139%	128%				

Analyte	ACP %	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample ID:								
DCAA	50-150							

Analyte	ACP %	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample ID:								
DCAA	50-150							

S.R. = Sample Result
spk conc = Spike Concentration
%REC = Percent Recovery
ACP %RPD = Acceptable Percent RPD Range
ACP %REC = Acceptable Percent Recovery Range

* = *Surrogate fail due to matrix interference (If Marked)*

Note: ***LCS, MS, MSD are in control therefore results are in control.***

Analyzed and Reviewed By: Amy

Final Reviewer:

Enviro-Chem, Inc. Laboratories
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
0 ~~1 Week~~ (Standard)
Other:

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required: test discretely for Organics / test discretely for Title 22 metals / Composite for test OCPs / Composite 1 test herbicides	COMMENTS
HA-1 @ .5	220317-35	3/16/22	1411	SOIL	1		ICE	A	
HA-1 @ 1.5	-36		1415						
HA-2 @ .5	-37		1423					A	
HA-2 @ 1.5	-38		1428						
HA-3 @ .5	-39		1434					B, G	
HA-3 @ 1.5	-40		1437						
HA-4 @ .5	-41		1506					B, G	
HA-4 @ 1.5	-42		1509						
HA-5 @ .5	-43		1530					C	
HA-5 @ 1.5	-44		1536						
HA-5 @ .5 *	-45		1541					D	Duplicate
HA-6 @ .5 *	-46		1548					D	Duplicate
HA-6 @ .5	-47		1556					C	
HA 0 @ 1.5	-48		1559						

Company Name: Petra Geosciences
Address: 40880 County Center dr. M
City/State/Zip: Temecula, CA 92591

Project Contact: Jon Cain
Tel: 951 253 4454
Fax/Email: jcain@petrainc.com

Sampler's Signature:
Project Name/ID: 22-199

Relinquished by: Sepi Jafroud 3-17-22	Received by: (Curtis Desilets)	Date & Time: 3/17/22 1430	Instructions for Sample Storage After Analysis:
Relinquished by:	Received by:	Date & Time:	O Dispose of O Return to Client O Store (30 Days)
Relinquished by:	Received by:	Date & Time:	O Other:

CHAIN OF CUSTODY RECORD

Date: 3-17-22

WHITE WITH SAMPLE • YELLOW TO CLIENT

Enviro-Chem, Inc. Laboratories
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
~~0~~ 1 Week (Standard)
Other:

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Arsenic	Title 22 composite for OPs								COMMENTS
								Analysis Required									Misc./PO#
HA-7 @.5	220317-49	3/16/22	1603	SOIL	1		ICE		/	E	/						
HA-7 @1.5	-50		1608														
HA-8 @.5	-51		1620							E	/						
HA-8 @1.5	-52		1622														
HA-9 @.5	-53		1627							F	/						
HA-9 @1.5	-54		1630														
HA-10 @.5	-55		1632							F	/						
HA-10 @1.5	-56		1635					/									

Company Name: Petra Geosciences	Project Contact: Jon Cain	Sampler's Signature:
Address: 40880 County Center Str. M	Tel: 951 253 4454	Project Name/ID: 22-199
City/State/Zip: Temecula, CA 92591	Fax/Email: jcain@petra-inc.com	

Relinquished by: SEPI JAFROUDI 3-17-22	Received by: (Courier Driver)	Date & Time: 3/17/22 1430	Instructions for Sample Storage After Analysis:
Relinquished by:	Received by:	Date & Time:	O Dispose of O Return to Client O Store (30 Days)
Relinquished by:	Received by:	Date & Time:	O Other:

CHAIN OF CUSTODY RECORD

Date: 3-17-22

WHITE WITH SAMPLE • YELLOW TO CLIENT